

**POLK COUNTY**

RFP 25-421

**Professional Engineering  
Services for Kathleen Rd  
Widening and Extension from  
Duff Rd to Hwy 98**

**JANUARY 28, 2026**



**PROJECT MANAGER**

Kim Warren

Kim.Warren@patelgreene.com | 863-533-7317

215 E Main St, Bartow, FL 33830

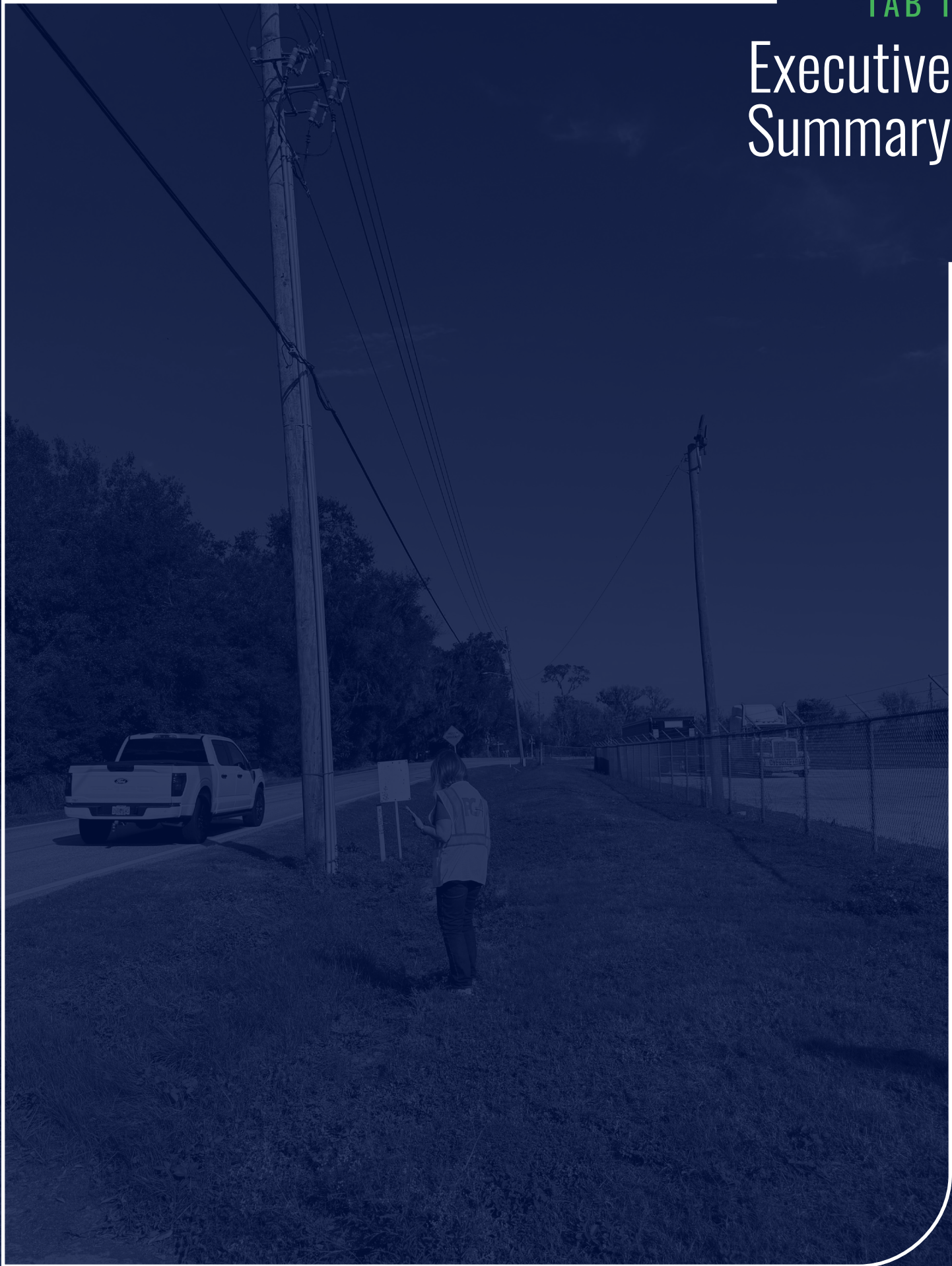
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OUR MISSION  
WE EXIST TO ELEVATE OUR FAMILIES,  
COMMUNITIES, AND PROFESSION.

# Executive Summary



## — EXECUTIVE SUMMARY

**Project Description:** Professional Engineering Services for Kathleen Rd Widening Project/ FDOT # 452860-2-28-01

**Company Name:** Patel, Greene and Associates, LLC

**Responsible Office:** 215 E Main St, Bartow, FL 33830

**Contact:** Kim Warren  
Kim.Warren@patelgreene.com  
863-533-7317

Work performed for Polk County through our past and current contracts is a highlight of our experience. The diversity of scope we have been able to support the County with has allowed us to demonstrate our broad capabilities and has been a significant factor in PGA's growth and success over the past several years. We look forward to the opportunity to continue our relationship with the County through this contract. Our goal is simple: deliver high-quality deliverables that comply with County, the FDOT PD&E Manual, and NEPA requirements on time and within budget.

Doing business with Polk County is one of the main reasons we opened our first office in Bartow back in 2012. PGA brings extensive prior experience with Polk County and FDOT on this exact type of widening project. We are ready for our next opportunity to perform on this contract and help the County deliver cost-effective solutions to its residents.

As residents of Polk County, we are observing the explosion of development throughout the County. Thoughtful consideration for appropriate and proactive infrastructure improvements is necessary. We are familiar with this area and the surrounding projects, and we look forward to championing this project to the next phases.

### PGA HISTORY

PGA was founded in May 2011 by Hiren Patel, PE, and Gordon Greene, PE. We have grown to over 150 staff (139 full-time employees) since then and continue to grow. However, we are still a centralized, modestly sized firm with the same eagerness to impress and serve our clients. PGA project experience includes roadway, drainage, structures, traffic, environmental services, landscape architecture, and public involvement. We have worked on projects of all sizes, including sidewalk and resurfacing projects, flooding complaints, bridge hydraulics reports, and permitting on roadways within Polk County and for FDOT, major interchange reconstruction projects, bridge widenings, simple single-span bridges to complex multi-span bridges, and various miscellaneous structures. Although PGA began nearly fifteen years ago, many of the PGA staff have worked together for nearly 25 years. We are a cohesive unit, enabling us to deliver projects efficiently and with high quality.

### DISADVANTAGED BUSINESS ENTERPRISE (DBE)

N/A

## WHY PGA

This proposal will clearly demonstrate that the PGA Team is best suited for this contract. We enjoy a great working relationship with the County and are excited about the prospect of continuing to build on that partnership. As part of our exceptional growth, we have had the opportunity to work on several exciting projects, including Project Development and Environment (PD&E) studies for significant projects, and we look forward to bringing this experience to the County. Beyond our technical capabilities, we want to express that PGA is a true Polk County company. Many of our staff are born-and-raised Polk County residents. Most of the 27 staff members in our Bartow office, located minutes away from Polk County offices, have spent nearly their entire lives in Polk County. We know Polk County in a way that other engineering firms cannot, as we live next to and drive county roads daily. Our team knows this corridor extremely well. We understand the unique coordination needs and project challenges, and our team is ready to address them **in a viable Preferred Alternative moving forward into Task 2: Design. We have a strong desire and a vested interest in serving Polk County and its citizens, and we humbly request your consideration in shortlisting PGA.**

# *State of Florida Department of State*

I certify from the records of this office that PATEL, GREENE, AND ASSOCIATES, LLC is a limited liability company organized under the laws of the State of Florida, filed on May 11, 2011.

The document number of this limited liability company is L11000055519.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on February 8, 2025, and that its status is active.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Eighth day of February, 2025*



A handwritten signature in black ink, appearing to be "C. J. Scott", written over a horizontal line.

*Secretary of State*

Tracking Number: 2414723562CC

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

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



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE  
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**PATEL, GREENE, AND ASSOCIATES, P.L.L.C.**

215 EAST MAIN STREET  
BARTOW FL 33830

**LICENSE NUMBER: CA29562**

**EXPIRATION DATE: FEBRUARY 28, 2021**

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

**From:** Katherine Anderson <KAnderson@fbpe.org>  
**Sent:** Wednesday, February 24, 2021 3:43 PM  
**To:** Robin Watson <Robin.Watson@patelgreene.com>  
**Subject:** RE: Renewing Engineers License for Company

**CAUTION: This email originated from outside the organization. Use caution with links and attachments.**

Firms are no longer required to be renewed. As of October 1, 2019 Certificate of Authorization licenses are now referred to as firm registrations. Firm registrations never expire, there will never be fees due, and there are no longer any physical documents available. There is no license to print as it is no longer a license; just a registration. Once on the registry, your firm will remain "current" as long as it is qualified by a PE until you request to have it closed.

**Katherine Anderson**  
Digital Records & Records Management Administrator



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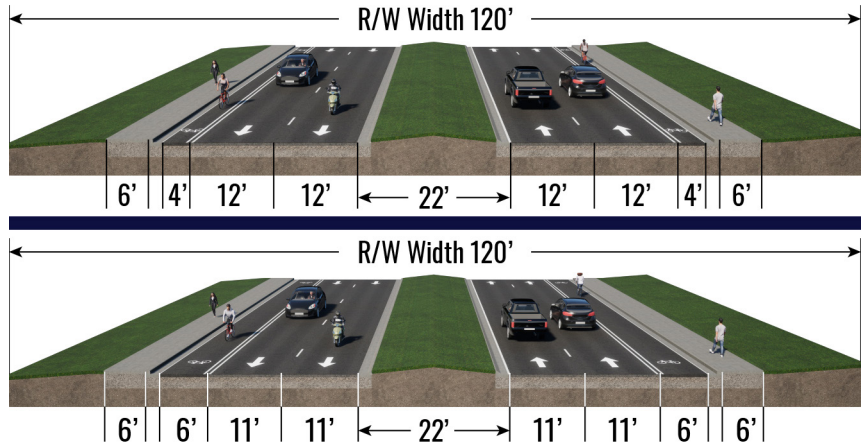
# Approach to Project



## — PGA'S APPROACH

We will approach the Project Development and Environment (PD&E) Study with a goal of completing detailed design and environmental considerations, resulting in a preferred alignment and approval of the National Environmental Policy Act (NEPA) document, which is anticipated to be a Type 2 Categorical Exclusion (CE), by the FDOT Office of Environmental Management (OEM). The objective is to refine the proposed widening and extension of Kathleen Rd to develop an optimized viable alternative that meets identified project needs driven by projected growth, improved freight mobility, and local connectivity while minimizing environmental, cost, and community impacts.

The Alignment Study will determine a preferred alternative in accordance with County requirements, FDOT Design Manual (FDM), and the FDOT PD&E Manual, at a minimum, to meet federal NEPA requirements, and produce preliminary (15%) Line & Grade plans for the preferred alternative. PGA's Local Agency Program (LAP) Specialist previously worked at FHWA overseeing Florida's LAP program and is a founding member of the LAP Community of Practice. The PGA Team has extensive experience completing LAP PD&E studies, working with FDOT District One (D1), and assisting with OEM coordination, removing any learning curve for submittals. All engineering and environmental technical evaluations and documentation to support the Type 2 CE will be completed, specifically noting the Corridor Alignment Report and/or Preliminary Engineering Report (PER), Cultural Resource Assessment Survey (CRAS) report, and Natural Resources Evaluation (NRE) report, since these documents require specific agency reviews and approvals before approval of the Type 2 CE.



— Typical section alternatives

For the Widening section, we will evaluate left, right, and center alignments, documenting impacts of each. We will further segment the project within the Widening section so that a hybrid alignment can be easily identified, if appropriate, as the optimal alignment for cost savings and reduced impacts. For the Extension section, we have identified four potential alignments: three connecting to US 98 at the Rock Ridge Rd intersection and one connecting at the Old Dade City Rd intersection. These alignments are depicted on page 5.

**Typical Section Analysis:** We understand that the intent is to use the typical section and design speed of 45 mph from the prior Kathleen Rd widening project south of Duff Rd, which calls for four 12-ft lanes, 4-ft bike lanes, and 6-ft sidewalks. This section generally meets minimum FDM standards, except for the proposed 4-ft bike lanes, which would require a design variation. PGA recommends the County consider a slight modification to this typical by reducing the lane widths to 11 ft, allowing for 6-ft buffered bike lanes within the same total width. This typical would increase safety for bicycles with the anticipated increase in traffic, and could be extended south of Duff Rd during the next resurfacing cycle, allowing for a 6-ft buffered bike lane as far south as Galloway Rd. Travel lanes could be widened at horizontal curves in the extension section to accommodate large trucks. A design variation would still be required as the 7-ft buffered bike lane would not be met, but we would be closer to desired criteria.

## MANAGEMENT

A clear project management plan, two-way communication, and responsiveness will be key to the project's success. PGA understands the importance of keeping the County's PM informed to avoid surprises.



Our proposed Project Manager, **Kim Warren**, is located in our Bartow office, just minutes away from Polk County's offices. She will serve as the primary point of contact for the County and will be available when needed. Kim's experience includes managing LAP projects for both FDOT and local municipalities, such as the Tenoroc Trail PD&E for the City of Lakeland.



Our Deputy Project Manager, **Jonathan Jones, PE**, has 14 years of experience that includes serving as roadway EOR and project manager for Polk County, most recently on the Spirit Lake Rd at Sheffield Rd Roundabout project that included an alternatives evaluation process.

Kim and Jonathan will be supported by other PGA staff members from several related disciplines, as well as a team of expert partners from Kimley-Horn, Element, Quality Counts, Test Lab, and SEARCH, for production and environmental compliance. Regularly scheduled meetings will be initiated at Notice to Proceed with PGA team members to identify and communicate assignments with associated timelines. PGA utilizes this communication strategy on other Polk County projects, such as the W Pipkin Rd Widening, effectively documenting all project-related issues and resolutions. We understand the importance of maintaining consistent, clear communication.

## Understanding of the Project

### Goals:

- Increase capacity for expected development
- Increase safety by reducing congestion, managing access, and incorporating optimal intersection control
- Extend Kathleen Rd to create a new connection further north on US 98 to give trucks a viable alternative route to US 98
- Comply with LAP funding, schedule, and NEPA requirements

### Risks:

- Right-of-way impacts
- Environmental impacts
- Stakeholder engagement (i.e. FDOT, Cypress Lakes Village residents)

**Alignment Study:** For the purposes of this proposal, the project can be segmented into the Widening section (from Duff Rd to W Socrum Loop Rd) and the Extension section (from W Socrum Loop Rd to US 98).

## — ABILITIES OF TEAM

### ENGINEERING

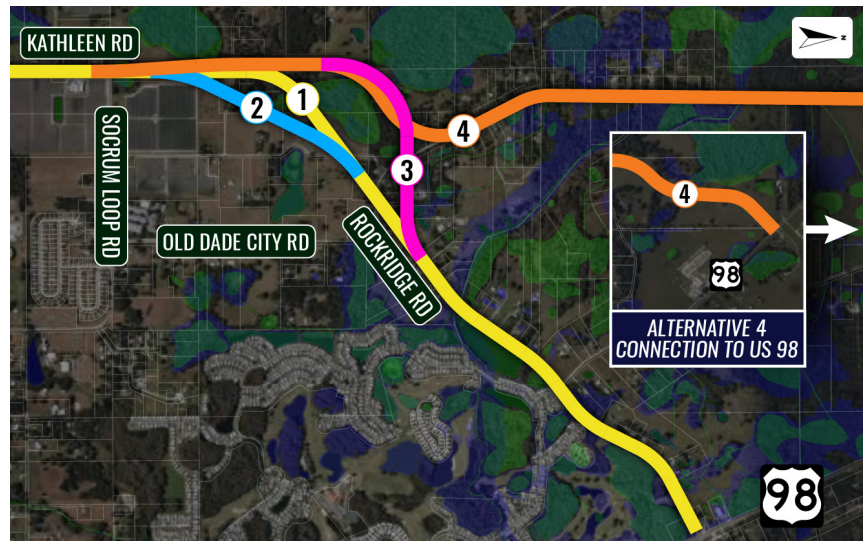
**Traffic Analysis:** Kimley-Horn (KH) will lead the traffic analysis, having extensive experience with the D1 Regional Traffic Model, Intersection Control Evaluation, FDOT PD&E requirements, and the Polk TPO Long Range Transportation Plan. KH staff recently completed the Project Traffic Analysis Report for the Thompson Nursery Rd project, a similar two-lane-to-four-lane widening/extension. Our relationships and experience with D1 staff will be an asset in ensuring the timely completion and acceptance of our traffic reports.

**Safety:** PGA reviewed Signal Four crash data for the five-year period from October 2020 to September 2025. A total of 106 crashes were reported, fifty four were reported at intersections and the top three reported types were left turn (18), rear end (10), and angle (6) collisions. Of the total reported crashes, there were two serious injury crashes, one at the intersection at W Campbell Rd and a head-on collision that occurred at a mid-block location. One fatality occurred on Rockridge Rd when a motorcyclist failed to negotiate a curve. Two bicycle/pedestrian crashes occurred in dark, unlit conditions. Stop control measures, including roundabouts, will be evaluated at the six identified intersections. The addition of wider lanes and medians can reduce the number of sideswipe and mid-block crossing crashes. The addition of bicycle lanes and sidewalks will enhance the safety of non-motorized users.

**Roadway:** Our goal for both the widening and extension of Kathleen Rd is to propose the most cost-efficient solution while minimizing and avoiding environmental constraints. To do this PGA has preliminarily evaluated geotech data, parcel, wetland, flood plain, and utility impacts and developed potential alignment options. Widening alternatives to both sides of the roadways will be evaluated. Wetlands and floodplains occur on both sides of existing Kathleen Rd and Rockridge Rd. For Kathleen Rd, consideration will be given to relocation impacts versus wetland and flood plain impacts. The South side of Rockridge Rd holds more wetland and floodplains than the North as well as overhead utilities, while parcel impacts and developments will be closely evaluated along the North side. Additional considerations along Rockridge Rd such as existing ponds, Cypress Lakes Village golf course, the Circle K at the US 98 intersection, and the need to reconfigure horizontal curves to meet current criteria will be reviewed to determine the most cost efficient alignment. For the proposed extension (see figure at the top of the page), in addition to the County's alternative (1), we looked at other possible options (2, 3) to further minimize wetland, floodplain and property impacts. Preliminary analysis indicates that option 3 minimizes wetland impacts and avoids relocations. Although widening Old Dade City Rd was previously dismissed, a re-look is recommended (option 4), as preliminary review suggests widening to the east may result in fewer wetland impacts and relocations than widening Rockridge Rd.

**Access Management:** We will optimize access management criteria for safety while minimizing impacts to the residents and businesses that will be affected by the divided median.

**Geotechnical:** The soils along the corridor are generally sandy, but there are sizable pockets of organic material (muck) between 2.5-6 ft deep. Likewise, the seasonal high groundwater table varies between the ground surface and 6 ft deep. The karst topography of this area of the County makes the corridor susceptible to sinkholes.



— Kathleen Rd Extension Alternatives

We recommend some additional geotechnical investigation during the Alignment Study to better define these potentially costly factors and mitigate some risk ahead of design.

**Drainage/Permitting:** The project lies within the jurisdictional boundary of the Southwest Florida Water Management District (SWFWMD) and traverses through WBIDs 1454 (Fox Branch), 1470 (Wild Boar Creek), and 1483 (Bald Eagle Creek). The new performance criteria, adopted on June 28, 2024, significantly increases the required treatment volume, which is exacerbated by the impaired WBID (1483) and downstream OFW (Hillsborough River). PGA has a unique perspective since we assisted FDOT prior to the new rule's implementation to identify how the criteria would impact new stormwater facilities, and it was determined that wet detention ponds cannot meet the new criteria alone. We will consider BAM, low impact design pre-treatment, the shallow seasonal high-water levels, and regional stormwater alternatives to optimize the use of proposed pond sites. Cross drains will be analyzed to ensure flood stages are not impacted by the proposed improvements, as well as the transverse crossing of the FEMA Regulatory Floodway (Fox Branch) on Rockridge Rd. We recommend a preliminary base clearance evaluation to determine if the high groundwater will require the profile grade to be raised for the existing roadway or consequent pavement design changes which could increase project costs. When the project moves into the design phase, it is anticipated to require an ERP from the Southwest Florida Water Management District and a Standard 404 Permit from the U.S. Army Corps of Engineers.

**Utilities:** Conflicts with the identified UAOs will be minimized and/or avoided, where possible. Element staff are well-versed in FDOT and Polk County policies and procedures, having successfully completed utility coordination for the W Pipkin Rd widening construction project. They understand the necessity to provide timely utility coordination, and bring established relationships with Lakeland Electric, Polk County Utilities, and Polk County Project Management, to name a few. Lakeland Electric distribution is anticipated to have the most relocation activities, as it has a major distribution feeder line that runs most of the project's limits.

### ENVIRONMENTAL

**Wetlands/Protected Species:** Numerous adjacent wetlands occur along existing Kathleen Rd, the proposed extension, and Rockridge Rd. Wetland impacts will be unavoidable; however, will be minimized as part of the alternatives development and can be mitigated through several available mitigation banks. Suitable habitat is available for several federal and state-protected species, most notable the federally-listed sand and blue-tail mole skinks and crested caracara, as well as state-protected bat species. One bald eagle nest (PO901) is located within 660 ft of Kathleen Rd. Any required surveys will be conducted after coordination with the FDOT and the USFWS and can be accommodated within the proposed schedule. PGA successfully completed surveys and agency coordination for FDOT's Central Polk Pkwy extension from US 17 to SR 60.

### PUBLIC INVOLVEMENT

There is potential for controversy due to the restriction in access for residents and businesses along existing Kathleen Rd and the extension. We also expect the Cypress Lakes community to be a vocal stakeholder, especially with respect to alignments that run adjacent to their golf course. We recommend a Public Information Workshop prior to selecting a preferred alternative, followed by a Public Hearing once a preferred alternative has been selected. KH will lead these efforts, leveraging the recent experience they gained from their Thompson Nursery Rd Alignment Study.

## — QA/QC PROGRAM

Producing quality work products is the number one priority at PGA. PGA is committed to providing the County with a high-quality Master Plan that exceeds your expectations. Our staff is committed and will produce quality work aligned with our core business principles of Integrity, Commitment, and Excellence.

**Gordon Greene, PE** will serve as the QA/QC team leader for this project. Before any deliverable leaves our office, it goes through a Five-Step Quality Control Process. This process enables a consistent approach used by staff across all eight of our offices, ensuring our clients always receive the same level of quality. Regular training for staff is conducted and new staff members are promptly trained on how to implement our quality control processes in the work they perform.

**Gordon will supervise the QA/QC process for the entire project, ensuring that PGA’s rigorous 5-Step QC process, outlined below, is followed by all team members:**

- 1. Ready for QC:** The document is complete and submitted for internal QC review by the Lead Technical Professional (LTP) after an internal peer review.
- 2. QC Review:** QC reviewer (QCR) confirms that the document meets the requirements of the RFP and scope requirements, in addition to meeting all applicable standards.
- 3. Concurrence:** The QCR and LTP meet and discuss all review comments and agree on those to be incorporated.
- 4. Changes Made:** The LTP incorporates all applicable comments into the document.
- 5. Changes Verified:** The QCR confirms that all applicable changes have been incorporated. Our QC reviews will be made by individuals that are independent from the Master Plan to provide a “fresh set of eyes” and ensure that our internal reviews are the most useful in reducing errors. We also review all our plans and designs for constructability and biddability, so we can be confident that the County will receive the most competitive bids.

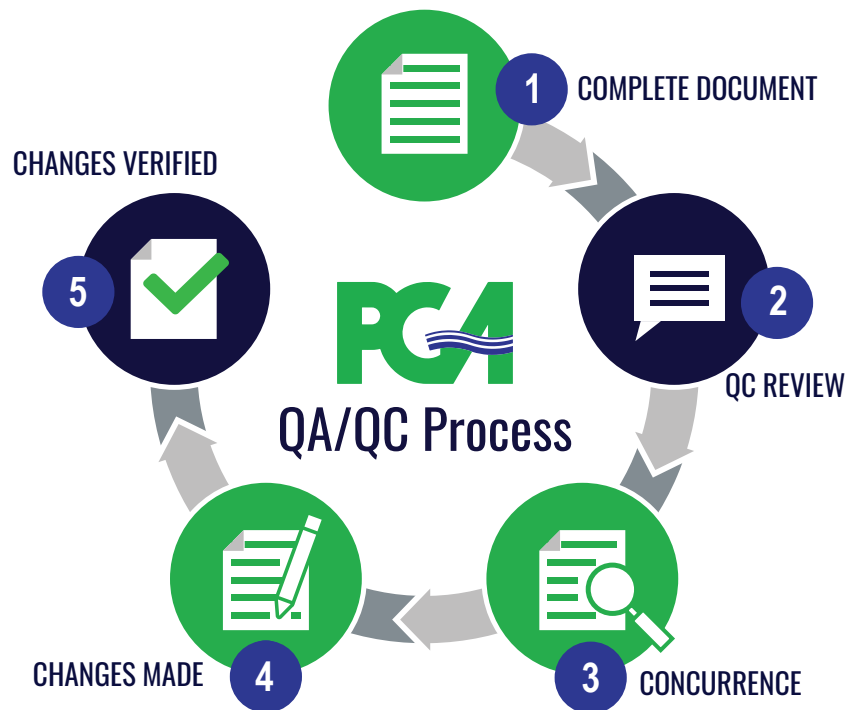
Following completion of the QC process, Gordon will perform a final QA review to ensure that the QC process has been carried out as intended and that all PD&E documents represent PGA's highest and best effort.

It is the goal of PGA that all operating units will learn and practice the principles of continuous quality improvement. All PGA employees are expected to:

- Identify quality problems and/or opportunities to improve operational processes
- Initiate, recommend, or provide solutions
- Assist in the implementation of corrective, preventative, or improvement measures






Managers are responsible for:

- Routinely discussing continuous quality improvement opportunities with employees
- Encouraging employees to engage in the continuous quality improvement Process
- Support and encouraging the creation of continuous quality improvement Teams.
- Sharing improvements with other units



This is a screenshot of a checklist titled 'Preliminary Engineering Report (PER) QA/QC Checklist' with a 'March 2023-WORD version' subtitle. It includes fields for Project Name, FM#, Project Limits, Consultant, Reviewer, and Date. At the bottom, there are checkboxes for 'DEM QC Complete' and 'DEM Engineer QA Complete', each with a 'Date' field. To the right, there are color-coded boxes for 'JLMD Responsibility' (green), 'CFV Responsibility' (blue), and 'Both' (orange). A note at the bottom states: 'The purpose of this is applicable to the reviewers of PERs with the requirements (PD&E) Manual as 2023 version of the'.

This is a screenshot of a checklist titled 'Type 2 Categorical Exclusion QA/QC Checklist' with a 'May 2022' subtitle. It includes fields for Project Name, FM#, Project Limits, Consultant, Reviewer, and Date. At the bottom, there are checkboxes for 'DEM PDC QA Complete' and 'DEM Engineer QA Complete', each with a 'Date' field. To the right, there are color-coded boxes for 'PDC Responsibility' (green), 'Engineer Responsibility' (blue), and 'Both' (orange). A note at the bottom states: 'The purpose of this guidance is to facilitate the preparation of quality Type 2 Categorical Exclusions (CEs). This guidance is applicable to Florida Department of Transportation (FDOT) District and consultant preparers and Quality Control (QC) reviewers of Type 2 CEs. This guidance covers common QC items but is not intended to be all inclusive. The preparer will comply with the requirements set forth in Part 1, Chapter 5 (Type 2 Categorical Exclusion) of the Project Development & Environment (PD&E) Manual and all other applicable chapters of the PD&E Manual. Information to include in each section is found in the PD&E Manual chapter referenced next to each section heading.'

PROJECT MILESTONES		2026												2027												2028											
		A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D			
PD&E	Notice to Proceed																																				
	Field Review/Data Collection	May 2026-Aug 2026																																			
	Develop/Evaluate Alignment Alternatives	July 2026-Mar 2027 																																			
	15% Line & Grade													Mar 2026-May 2026																							
	Environmental Evaluation													Oct 2026-Apr 2027																							
	Public Meetings																																				
	PD&E Documentation/Approval													Nov 2026-Sept 2027 																							
Public Involvement													June 2026-Sept 2027																								
DESIGN	Survey													Dec 2026-Feb 2026																							
	60% Plans													June 2026-Oct 2027																							
	R/W Acquisition																									Nov 2027-Nov 2028											
	Permitting																									Nov 2027-Nov 2028											
	Utility Coordination																									Nov 2027-Nov 2028											
	90% Plans																									Nov 2027-June 2027											
	Final Plans & Specifications																									July 2028-Dec 2028											

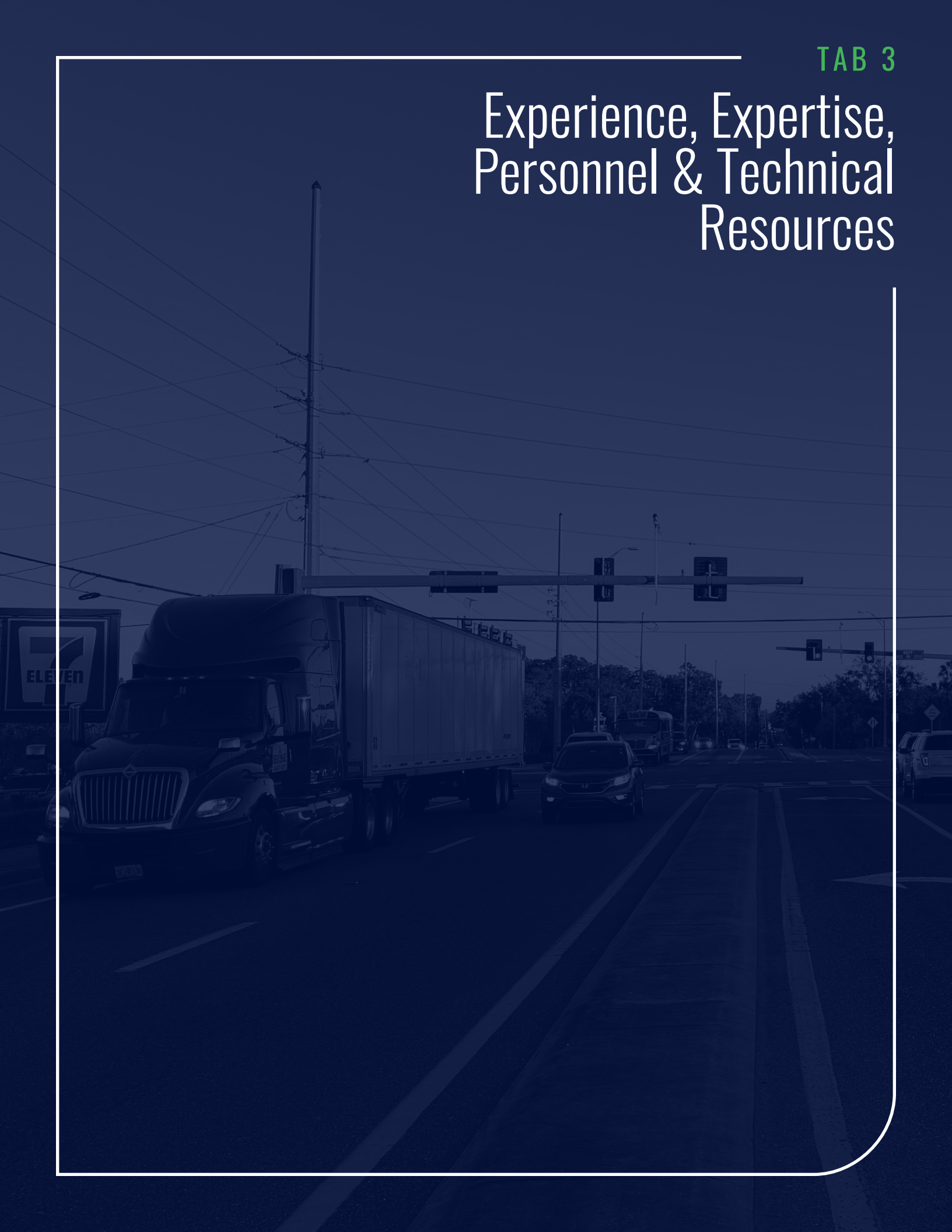
**SCHEDULE**

Kim Warren will work closely with County staff to develop a detailed schedule in accordance with the negotiated scope which clearly identifies critical path tasks and will monitor closely ensuring it is maintained and to identify any unforeseen risks early and provide a solution to keep the schedule on track. Our schedule includes County and FDOT review times as well as required agency reviews. If needed, the PGA team has the staff and availability to expedite the schedule. We understand the importance of maintaining consistent, clear communication with Polk County PM **Bill Lorenzo, PE**. Kim will establish a communication cadence with Bill to provide project status updates and to have proactive discussions about next steps aligned with the project's needs for subsequent phases.



**KEY**

-  Study Begins (May 5, 2026)
-  Public Meeting (Oct 2026)
-  Public Hearing (Feb 2026)
-  Approval (Sept 2027)
-  Preferred Alternative (Nov 2026)

# Experience, Expertise, Personnel & Technical Resources



## W PIPKIN RD WIDENING

<b>Name</b>	W Pipkin Rd from Medulla Rd to Dossey Rd and from Dorman Rd to S Florida Ave (SR 37)
<b>Location</b>	Lakeland, FL
<b>Project Size:</b>	2.5 Miles
<b>Construction Cost:</b>	\$41,926,862
<b>Project Rep.:</b>	Jay Jarvis, PE  JayJarvis@polk-county.net  863.535.2239 3000 Sheffield Rd, Winter Haven, FL 33830
<b>Completed:</b>	April 2021 (Design)
<b>Original Budget:</b>	\$993,506
<b>Final Budget:</b>	\$2,293,382
<b>Responsibility:</b>	Prime



### PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

PGA worked closely with Polk County on W Pipkin Rd to increase capacity while accommodating all users for two separate segments: 1) from Medulla Rd to Dossey Rd and 2) from Dorman Rd to SR 37. The first (west) segment widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The second (east) segment widened W Pipkin Rd from a two-lane to a three-lane facility, improving access management and providing a sidewalk on the south side and accommodating the ultimate five-lane typical section. The design for this project included a large pond (SMF 14-2) that was optimized by lowering the control elevation without a liner. The additional capacity generated in this pond serves as surge capacity for Poley Creek. A groundwater model was developed to demonstrate no adverse impacts to adjacent wetlands resulting from the lowered control elevation. The design for this project also included diversion structures in different locations to allow high flow storm events to "pop off" to adjacent basins and balance the hydraulic grade lines for better flood protection.

PGA led the roadway, drainage, environmental, and structures design for the project.

#### Change Orders and Time Extensions:

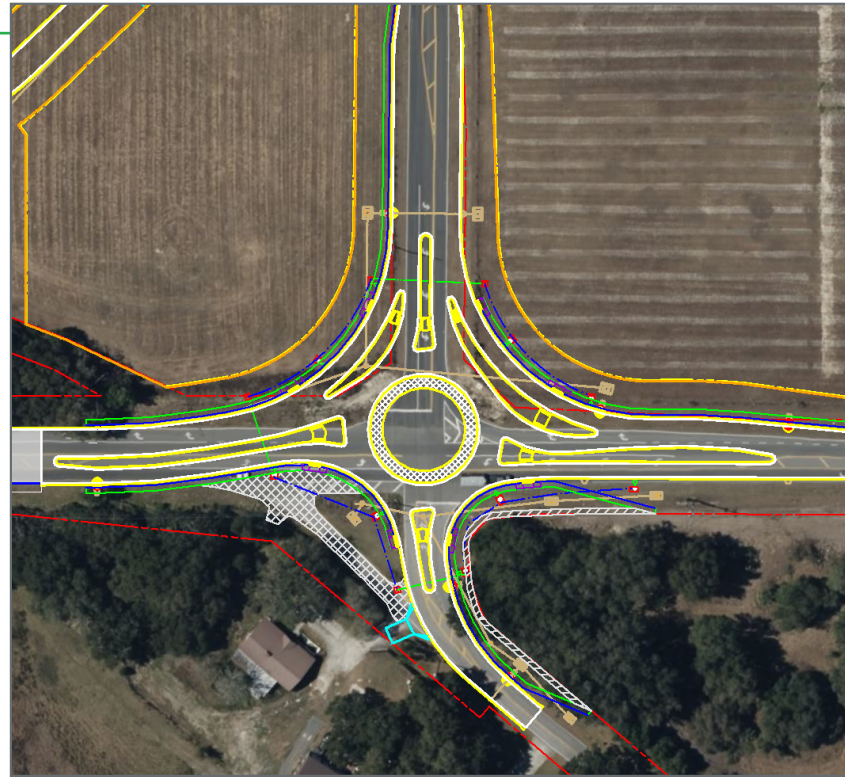
There were six amendments to the design contract, resulting in a difference between the original and final budget. These amendments were necessary to accommodate significant changes in the design scope and most recently for post-design services. No time extensions were required.

#### Key Staff:

- Gordon Greene, PE (Project Manager, Roadway/Drainage EOR)
- Tim Polk, PE (Drainage QC)
- Terry Cartwright (Lead Environmental Scientist)
- Igon Kratser, PE (Test Lab; Geotechnical EOR)

## SPIRIT LAKE RD ROUNDABOUT

- **Name** Spirit Lake Rd at Old Bartow Eagle Lake Rd and Sheffield Rd Intersection Improvements
- **Location** Winter Haven, FL
- **Project Size:** 2,200 ft along Spirit Rd
- **Construction Cost:** \$5,562,615
- **Project Rep.:** Jay Jarvis, PE  
 ✉ JayJarvis@polk-county.net  
 ☎ 863.535.2239  
 3000 Sheffield Rd, Winter Haven, FL 33830
- **Completed:** Ongoing
- **Original Budget:** \$513,845
- **Final Budget:** Ongoing
- **Responsibility:** Prime



## PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

The scope of this project is to provide a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd in Winter Haven. Old Bartow Eagle Lake Rd, west of the intersection, is to be realigned to tie-into Sheffield Rd to create a single intersection. This project includes roadway, drainage, environmental, structures, lighting and signing, and pavement marking efforts. Right-of-way (R/W) is to be acquired as part of this project. An intersection alternatives study was previously completed by PGA prior to the current design phase. Multiple intersection alternatives were provided to Polk County for their consideration. Drainage analysis, traffic analysis, environmental impacts, and R/W impacts were reviewed and documented for each alternative. The single-lane roundabout with bypass lanes was selected as the preferred alternative to move into the current design phase.



### Change Orders and Time Extensions:

N/A

### Key Staff:

- Jonathan Jones, PE (Project Manager & Roadway EOR)
- Gordon Greene, PE (Principal-in-Charge & QA/QC Manager)
- Susan Durrance (Environmental)
- Tim Polk, PE (Drainage QC)
- Terry Cartwright (Lead Environmental Scientist)
- Johnny Fung, PE (Structures EOR)
- Joanna Martinez (Traffic Designer)
- Geraldo Sanchez, PE, PTOE (Traffic EOR)

## SR 37 RECONSTRUCTION

<b>Name</b>	SR 37 Reconstruction from Ariana St to Lime St
<b>Location</b>	Lakeland, FL
<b>Project Size:</b>	1.028 Miles
<b>Construction Cost:</b>	\$17,479,121
<b>Project Rep.:</b>	Jobin Abraham  Jobin.Abraham@lakelandgov.net  863.535.2285 228 S Massachusetts Ave, Lakeland, FL 33801
<b>Completed:</b>	Ongoing
<b>Original Budget:</b>	\$1,899,969
<b>Final Budget:</b>	Ongoing
<b>Responsibility:</b>	Prime



### PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

PGA is the prime consultant providing roadway, drainage, TTCP, SAPM, signals, lighting, ITS, structures, environmental, and landscape architecture services. This project proposes to reconstruct existing sidewalk, curb, and remove traffic separators throughout the project limits. A three-lane typical section will be established with 11-ft travel lanes and an 11-ft wide two-way left turn lane. The curb line will be pulled out to establish an 11.5-ft sidewalk along both sides of the corridor. The existing drainage system shall be replaced and all traffic signals and mast arms will be updated to meet current FDOT standards. Decorative hardscape, paver treatments, and decorative lighting are also included within the project to improve corridor aesthetics, buffer pedestrians from motorized traffic, provide a well-lit/shaded walking environment, and to control vehicle speeds.

PGA leads the roadway, drainage, environmental, and structures design for the project.

#### Change Orders and Time Extensions:

N/A

#### Key Staff:

- Amber Lewis (Project Manager)
- Joe Lauk, PE (Principal-in-Charge & QA/QC Manager)
- Adam Perez, PE (Roadway QC)
- Doug Williams, PE, PTOE (SAPM, Signals & Lighting QC)
- Tim Polk, PE (Drainage QC)
- Geraldo Sanchez, PE, PTOE (SAPM & Signals EOR)
- Terry Cartwright (Lead Environmental Scientist)
- Connie Johnson-Gearhart, PE (Test Lab; Geotechnical EOR)

## SR 78 PD&E

<b>Name</b>	SR 78 Widening PD&E from Veterans Pkwy to W of US 41
<b>Location</b>	Cape Coral
<b>Project Size:</b>	9.2 Miles
<b>Construction Cost:</b>	\$128,622,473
<b>Contact:</b>	David Turley, PE david.turley@dot.state.fl.us 863.519.2255 801 N Broadway Ave, MS 1-6, Bartow, FL 33830
<b>Completed:</b>	Ongoing
<b>Original Budget:</b>	\$2,023,626
<b>Final Budget:</b>	Ongoing
<b>Responsibility:</b>	Prime



### PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

This project involves capacity, operational, and multimodal improvements to SR 78 extending approximately 9.2 miles from Veterans Pkwy to west of US 41, through the City of Cape Coral. SR 78 is a main east-west transportation corridor and links Pine Island to the mainland of Lee County. It includes extensive local government and stakeholder coordination. PGA is the prime consultant leading PD&E, roadway, drainage, and environmental efforts.

#### Change Orders and Time Extensions:

N/A

#### Key Staff:

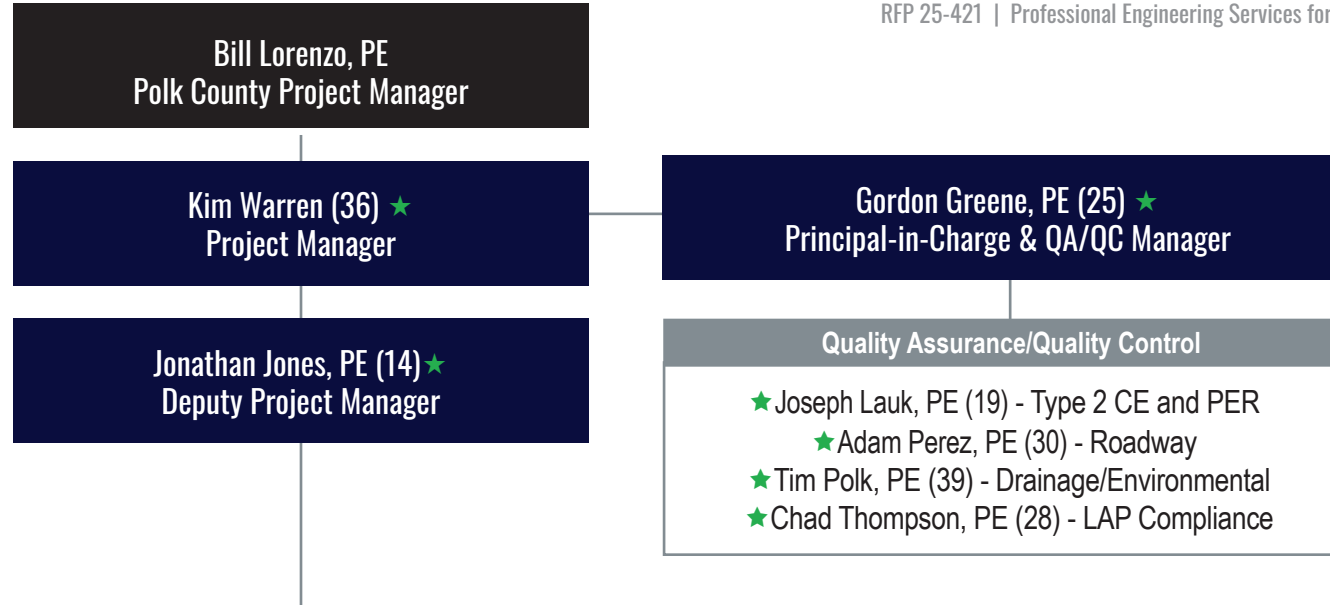
- Kim Warren (Project Manager)
- Gordon Greene, PE (Principal-in-Charge & QA/QC Manager)
- Joe Lauk, PE (PER QC)
- Alayna Delgado, AICP (PD&E)
- Manny Monreal, PE (Drainage Lead)
- Terry Cartwright (Lead Environmental Scientist)
- Vischal Persaud, PE, PTOE, RSP1 (Traffic)



FPID 455879-1-22-01 | RPS 25-421  
Professional Engineering Services for  
Kathleen Rd Widening Project

# Organization Chart

Polk County



## PUBLIC INVOLVEMENT

**Public Meetings/Newsletters/Presentations**  
 Michael Garau, PE (24) - **KHA** ★  
 Cris Schooley, PE, AICP (17) - **KHA**  
 Marc Ispass, AICP (12) - **KHA**  
 Evan Magley, AICP (7) - **KHA**

**GIS and Graphics**  
 Mary Stallings Weber (29)  
 Ryan Wenger, AICP (9)  
 Ryan Tyrrell (15)

## ENVIRONMENTAL

<p><b>Type 2 Categorical Exclusion</b>          Kim Warren (36) ★          Alayna Delgado, AICP (7) ★</p> <p><b>Wetlands/Water Quality/Permitting/Wildlife/Contamination</b>          Terry Cartwright (28) ★          Susan Durrance (22) ★          Andrew Harris (7)          Sarah Johnson (24) - <b>KHA</b> ★</p>	<p><b>ETDM/Sociocultural Effects</b>          Tori Bacheler (13) - <b>KHA</b> ★          Lucas Cruse, AICP (22) ★          Alayna Delgado, AICP (7)</p> <p><b>Noise</b>          Tad Hardy, PE (13) - <b>KHA</b> ★          Marc Ispass, AICP (12) - <b>KHA</b></p>	<p><b>Cultural/Historical Resources</b>          Matt Nowak (9) - <b>SEA</b> ★          Anna Supahanniam (7) - <b>SEA</b></p> <p><b>GIS/Mapping Coordination</b>          Mary Stallings Weber (29)          Ryan Wenger, AICP (9)</p>
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ELEMENT Engineering Group, LLC	- <b>EEG</b>
Kimley-Horn & Associates, Inc.	- <b>KHA</b>
Quality Counts, LLC	- <b>QCL</b>
SEARCH, Inc.	- <b>SEA</b>
*Test Lab, Inc.	- <b>TLI</b>

\* - Certified SBE  
 (XX) - Years of Experience  
 ★ - Key Staff Resume Included

## ENGINEERING

<p><b>PER/Alternatives Development/Design Plans/MOT</b>          Jonathan Jones, PE (14) ★          Amber Lewis (11)          Megan Miller, PE (7)</p> <p><b>Drainage/LHR/PSR/WQIE</b>          Manny Monreal, PE (18) ★          Sean Siwiecki, PE (11)          Chao Ye, EI, PhD (1)</p> <p><b>Structures</b>          Tommy Peake, PE (24) ★          Spencer Baker, PE (10)</p> <p><b>Safety/Access Management/Traffic Support</b>          Vischal Persaud, PE, PTOE, RSP1 (12) ★          Geraldo Sanchez, PE, PTOE (19)</p>	<p><b>Traffic Analysis/PTAR</b>          Mike Woodward, PE (21) - <b>KHA</b> ★          Michael Haddad, PE (21) - <b>KHA</b></p> <p><b>Context-Sensitive Design</b>          Lucas Cruse, AICP (22) ★          Katie Habgood, AICP (22)</p> <p><b>Traffic Counts</b>          Rodrikas Jones (18) - <b>QCL</b> ★          Alfredo Suarez (15) - <b>QCL</b></p> <p><b>Utility Coordination</b>          Brent Postma (16) - <b>EEG</b> ★          Kyle McDowell (6) - <b>EEG</b></p>	<p><b>Geotechnical</b>          Igon Kratser, PE (22) <b>TLI</b> ★          Connie Johnson-Gearhart, PE (25) <b>TLI</b></p> <p><b>Survey/SUE</b>          Bryan Flynn, PSM (9) - <b>EEG</b> ★          Ned Connolly, PSM (20) - <b>EEG</b></p> <p><b>Landscape Architecture</b>          Emilyvette DeGaetano, PLA, ISA (21) ★          Abdias Dalisma, PLA, ISA (10)</p>
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## Project Assignment

Project Manager

## Availability

70%

## Education

B.S., Biology, Florida Southern College, 1989

## Work Experience

Patel, Greene and Associates  
2023 - Present

RK&K  
2016 - 2023

Atkins  
2002 - 2016

HDR  
2000 - 2001

FDOT District One  
1992 - 2000

Polk County Board of County Commissioners  
1990 - 1992

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
kim.warren@patelgreene.com

\*Experience prior to joining PGA

# KIM WARREN

## PD&E Group Leader

Kim Warren is the PD&E Group Leader with Patel, Greene and Associates (PGA) and possesses over 36 years of transportation experience at the state and local levels with extensive knowledge of local, state, and federal processes. She has years of management experience, contract accounting, project-related presentations, and coordination with government agencies. She continually works with ERC reviews, documentation and approvals through SWEPT, ETDM, and PSEE scheduling.

## Experience

**SR 78 from Veterans Pkwy to W of US 41, PD&E, Lee County, FL, FDOT District One, Project Manager:** This project involves capacity, operational, and multimodal improvements to SR 78 extending approximately 9.2 miles from Veterans Pkwy to west of US 41, through the City of Cape Coral. SR 78 is a main east-west transportation corridor and links Pine Island to the mainland of Lee County. It includes extensive local government and stakeholder coordination. PGA is the prime consultant leading PD&E, roadway, drainage, and environmental efforts. Kim is responsible for administrative and technical oversight for this study. **Project Size: \$2M**

**\*Tenoroc Trail Segment One PD&E Study from Lake Crago Dr to SR 33 at Old Combee Rd (LAP), Polk County, FL, City of Lakeland, Project Manager:** Kim was responsible for administrative and technical oversight for this study to evaluate a 12-ft-wide asphalt multi-use trail with trailheads following the general path of Lake Crago Dr through the City of Lakeland's Lake Crago Park and the Florida Fish and Wildlife Commission's (FWC) existing Tenoroc Public Use Area (PUA) access road. The proposed 2.5-mile trail was intended to address an existing gap in the regional trail network between Lakeland and Auburndale/Polk City and to become part of the Florida Greenways and Trails System, providing significant recreational and social opportunities for residents and visitors, connecting the communities and existing recreational resources along the trail to each other. This project was funded through the FDOT Local Agency Program (LAP) and includes federal funding. Extensive coordination was completed with key stakeholders (FDOT, FWC, FDEP, SWFWMD, and City of Lakeland) to gain support for the trail. Preliminary engineering, environmental analysis, and public involvement were completed and documented. The project was originally scoped as a Type 2 Categorical Exclusion. Based upon review of agency, stakeholder, and public comments the level of NEPA document was downgraded to a Type 1 Categorical Exclusion in compliance with underlying laws and regulations. **Project Size: \$938k**

**SR 29 from Oil Well Rd to SR 82 PD&E Study, Collier County, FL, FDOT District One, District Consultant Project Manager:** This project is a Moving Florida Forward (MFF) project. Kim's responsibilities included administrative and technical oversight to evaluate capacity and traffic operational improvements along a two-lane undivided section of SR 29 extending approximately 15.6 miles from Oil Well Rd to SR 82, as well as the addition of a new four-lane roadway bypassing the downtown Immokalee. She managed the consultant contract, including coordination of the schedule and deliverables to ensure that critical path dates for the compressed schedule were met. Kim was also responsible for ensuring that internal as well as agency and stakeholder coordination was scheduled and completed at key points in the decision-making process. The project involved extensive coordination with the USFWS, which included formal Section 7 Consultation for the Florida panther, Audubon's crested caracara, and Florida scrub-jay. **Project Size: \$4.5M**



## Project Assignment

Deputy Project Manager

## Availability

65%

## Education

B.S., Civil Engineering, University of Central Florida, 2011

## Registrations/Licenses

Professional Engineer,  
Florida, 82243, 01/11/2017

## Work Experience

Patel, Greene and Associates  
2018 - Present

Inwood Consulting Engineers  
2016 - 2018

Dewberry  
2012 - 2016

Florida Power & Light  
2012 - 2012

Middlesex Corporation  
2011 - 2012

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
jonathan.jones@patelgreene.com

\*Experience prior to joining PGA

# JONATHAN JONES, PE

## Project Roadway Engineer

Jonathan is an Associate and Project Roadway Engineer with Patel, Greene and Associates (PGA). He has 14 years of experience and has successfully provided transportation engineering services for the Florida Department of Transportation (FDOT), as well as municipal government clients throughout Florida since 2011. Jonathan has experience in both roadway design and structural & bridge engineering. His specific expertise includes developing vertical and horizontal alignments, roadway pavement design type selection studies, signing and pavement marking plans, developing traffic control plans, and general plans production.

## Experience

**Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd, Polk County, FL, Polk County Board of Commissioners, Project Manager & Roadway EOR:** This project involved the design of a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd, Sheffield Rd, and Old Bartow Eagle Lake Rd. PGA is the prime consultant leading the roadway, drainage, signing and pavement marking, lighting, and environmental efforts. Jonathan is responsible for project management and the roadway components. **Project Size: \$513k**

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Roadway Engineer:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Jonathan supported roadway design. **Project Size: \$2.3M**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Roadway Engineer:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, environmental, and structures efforts. Jonathan led the roadway design and documentation efforts. **Project Size: \$587k**

**SR 25 (US 27) S of SR 66/700 to N of SR 66/700 (US 98) Intersection Improvements, Highlands County, FL, FDOT District One, Project Manager & Roadway EOR:** This project is providing design to convert the pavement at the intersection of US 27 and US 98 from flexible asphalt to rigid pavement in the City of Sebring. Considerations to future widening without the need for right-of-way acquisition are being analyzed in design. PGA is the prime consultant leading the roadway, drainage, and structures efforts. Jonathan leads roadway documentation and design. **Project Size: \$1.5M**

**SR 33 from Parkview Pl to N of Granada St Reconstruction, Polk County, FL, FDOT District One, Roadway Engineer:** The approximately 1.1-mile reconstruction project in Downtown Lakeland provided milling and resurfacing, signing and pavement markings, lighting, and signalization design. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. Jonathan led the roadway design and documentation efforts. **Project Size: \$2.5M**



## Project Assignment

Type 2 CE and PER QC

## Availability

40%

## Education

B.S., Civil Engineering, University of South Florida, 2007

## Registrations/Licenses

Professional Engineer,  
Florida, 74639, 06/08/2012

## Certifications

FDOT Advanced MOT  
FDOT Specifications

## Work Experience

Patel, Greene and Associates  
2015 - Present

Florida Department of  
Transportation  
2008 - 2015

Jacobs Engineering Group  
2006 - 2008

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
joseph.lauk@patelgreene.com

# JOSEPH LAUK, PE

## Principal & Roadway Group Manager

Joe is a firm principal and the Roadway Group Manager for Patel, Greene and Associates (PGA). He has 19 years of experience, including seven years with FDOT District One managing high-profile projects and serving on multiple committees to enhance effectiveness of statewide transportation initiatives. Joe's experience working on both the client and consultant side of transportation design has not only granted him a deep understanding of FDOT policies and procedures, but has also enabled him to develop strong relationships with stakeholders across the state.

## Experience

**SR 570B (Central Polk Pkwy) from SR 570 (Polk Pkwy) to SR 35 (US 17), Polk County, FL, Florida's Turnpike Enterprise, TTCP EOR:** PGA, as a subconsultant, designed a segment of this 6.2-mile new alignment project for a four-lane, limited-access facility. The new four-lane divided roadway will be a Strategic Intermodal System (SIS) highway and will connect the Polk Pkwy with SR 60. Joe was responsible for the temporary traffic control for the entire project. **Project Size: \$1.1M**

**General Engineering Contract (GEC), FDOT District One, Program Manager:** This task work order-based contract provided the District with staff augmentation and production level support for all areas. Joe manages resources in Project Management, ISD, and Program Management. As a part of his efforts, he assists the District Program Management Administrator directly with the following programs: ARPA, Advanced Production, Strategic Corridors, and Grants. Additionally, he managed three PD&E projects on SR 70. **Project Size: \$25M**

**SR 64 at Rye Rd Roundabout, Manatee County, FL, FDOT District One, Project Manager & Roadway EOR:** PGA designed a multi-lane roundabout to accommodate a new leg of the intersection while improving the safety along SR 64. The project included major reconstruction of the intersection, drainage improvements, utility coordination, and right-of-way coordination. PGA was the prime consultant handling the design for roadway, MOT, drainage, and miscellaneous structures. Joe was responsible for roadway design and documentation, coordination between key stakeholders, and overall project management. **Project Size: \$1.1M**

**SR 64 at Greyhawk Blvd Roundabout, Manatee County, FL, FDOT District One, Project Manager & Roadway EOR:** PGA was the prime consultant on this project designing a multi-lane roundabout to improve safety and accessibility along SR 64. The scope of work includes major reconstruction of the intersection, drainage improvements, and utility coordination. Joe was responsible for roadway design and documentation, stakeholder coordination, and overall project management. **Project Size: \$1.3M**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Project Manager & Roadway EOR:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, environmental, and structures efforts. **Project Size: \$587k**



## Project Assignment

Principal-in-Charge & QA/QC  
Manager

## Availability

50%

## Education

M.B.A., University of South Florida,  
2008

B.S., Civil Engineering,  
University of South Florida, 2003

## Registrations/Licenses

Professional Engineer,  
Florida, 68368, 07/25/2008

## Work Experience

Patel, Greene and Associates  
2011 - Present

Atkins North America  
2001 - 2011

FDOT District One  
2000 - 2001

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
gordon.greene@patelgreene.com

# GORDON GREENE, PE

## Executive Vice President

Gordon is the Executive Vice President at Patel, Greene and Associates (PGA). With more than 25 years of experience, he has built a diverse technical foundation, serving as a project manager, engineer of record (EOR), and principal-in-charge on projects throughout Florida. His specific experience includes 3D modeling, project management, bridge hydraulic reports (BHRs), stormdrain design, permitting, pavement design, resurfacings, widenings, temporary traffic control plans, and stormwater management. Gordon has intimate knowledge of current design standards, bringing this experience to PGA along with a strong commitment to see his company gain a reputation for engineering excellence and superb client service.

## Experience

**Bartow Northern Connector (Phase I)/Ernest M. Smith Blvd, Polk County, FL, Drainage EOR:** The project included a new alignment four-lane urban roadway with three signalized intersections, a bridge over Saddle Creek, off-site ponds, and ROW acquisition. The project also included the replacement of an existing bridge culvert. Gordon was responsible for the BHR and FEMA no-rise certification report. **Project Size: \$13M**

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Project Manager & EOR:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. Gordon was responsible for overall project management, roadway design, and drainage design. **Project Size: \$2.3M**

**SR 33 from Parkview PI to N of Granada St Reconstruction, Polk County, FL, FDOT District One, Principal-in-Charge & QA/QC Manager:** This approximately 1.1-mile reconstruction project in Downtown Lakeland provided milling and resurfacing, signing and pavement markings, lighting, and signalization design. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. Gordon was responsible for ensuring the quality and compliance of project deliverables. **Project Size: \$2.5M**

**Eloise Loop Rd Drainage Improvements/Flood Hazard Mitigation, Polk County, FL, Polk County Board of Commissioners, Project Manager & EOR:** Flooding at the horizontal curve of Eloise Loop Rd has required Polk County maintenance crews to close the westbound travel and detour traffic multiple times a year due to the existing ditch being incapable of draining the area. PGA is the prime consultant leading the roadway, drainage, and environmental efforts. Gordon was responsible for the project management and the drainage components. **Project Size: \$106k**

**Alachua Dr and Collier Dr Drainage Improvements, Polk County, FL, Polk County Board of Commissioners, Project Manager & EOR:** This intersection improvement project widened the north side of 9th St N in order to accommodate the addition of a right-turn lane. The design maintained existing drainage patterns and included the relocation of existing fencing and a driveway to complete the improvements. Gordon was responsible for the project management and the drainage components. **Project Size: \$97k**



## Project Assignment

Roadway QC

## Availability

40%

## Education

B.S., Civil Engineering,  
University of South Florida, 1995

## Registrations/Licenses

Professional Engineer,  
Florida, 56066, 07/25/2000

## Certifications

FDOT Advanced MOT  
FDOT Specifications

## Work Experience

Patel, Greene and Associates  
2021 - Present

American Consulting Professionals  
2013 - 2021

FDOT District Seven  
1995 - 2013

Test Lab  
1993 - 1995

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
adam.perez@patelgreene.com

\*Experience prior to joining PGA

# ADAM PEREZ, PE

## Chief Roadway Engineer

Adam is a Chief Roadway Engineer with Patel, Greene and Associates (PGA) who specializes in highway design and project management. His 30 years of transportation experience includes highway design projects ranging from local streets to principal arterials, reconstruction, RRR improvements, intersection improvements, safety improvements, median modifications, design of new rural and urban facilities, corridor studies, and PD&E studies.

## Experience

**Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd, Polk County, FL, Polk County Board of Commissioners, Roadway QC:** This project involved the design of a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd, Sheffield Rd, and Old Bartow Eagle Lake Rd. PGA is the prime consultant leading the roadway, drainage, signing and pavement marking, lighting, and environmental efforts. Adam is responsible for reviewing roadway documentation and design. **Project size: \$70k**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Roadway QC:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items include drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, and structures efforts. Adam was responsible for reviewing roadway design and documentation. **Project Size: 587k**

**SR 33 from Parkview Pl to N of Granada St Reconstruction, Polk County, FL, FDOT District One, Roadway QC:** The approximately 1.1-mile reconstruction project in Downtown Lakeland provided milling and resurfacing, signing and pavement markings, lighting, and signalization design. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. Adam was responsible for reviewing roadway design and documentation. **Project Size: \$2.5M**

**\*SR 54 at US 41 Intersection Operational Improvements, Pasco County, FL, Roadway EOR:** This project provided safety and operational improvements along eastbound SR 54 from west of Sophia Dr to west of US 41. These improvements included lengthening the eastbound existing dual left-turn and right-turn lanes. Adam led the roadway design and documentation efforts. **Project Size: \$400k**

**\*Spring Haven Dr Extension from Pan American Blvd to Butler Park Access Dr, North Port, FL, City of North Port, Roadway Engineer:** This project provided final design and permitting services for the extension of Spring Haven Dr from Pan American Blvd to Butler Park Access Dr, approximately 0.59 miles. The improvements included two 12-ft lanes with 4-ft bicycle lanes, divided by a 16-ft landscaped median. Adam supported roadway and MOT design. **Project Size: \$500k**

**\*Hudson Ave at US 19, Pasco County, FL, Roadway EOR:** This project involved the design and permitting for Hudson Ave widening from west of US 19 to Fivay Rd. It involved widening an existing two-lane urban roadway, adding turn lanes at US 19. This project also added a raised median for access management, providing sidewalks, and involved redesign of the signals at both US 19 and Fivay Rd. Mast arms were added to replace the existing span wire at US 19, to meet the wind requirements due to the proximity to the coast. Adam led the roadway design and documentation efforts. **Project Size: \$400k**



## Project Assignment

Drainage/Environmental QC

## Availability

40%

## Education

B.S., Engineering (Structures, Materials, Fluids), University of South Florida, 1977

## Registrations/Licenses

Professional Engineer,  
Florida, 38784, 08/10/1987

## Work Experience

Patel, Greene and Associates  
2015 - Present

Atkins North America  
1998 - 2015

FDOT District Three  
1994 - 1998

FDOT District One  
1986 - 1994

Westinghouse Electric Corporation  
1977 - 1985

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
tim.polk@patelgreene.com

\*Experience prior to joining PGA

# TIMOTHY POLK, PE

## Chief Drainage Engineer

Tim is a Chief Drainage Engineer with Patel, Greene and Associates (PGA). His professional experience encompasses more than 39 years in transportation, focused on drainage design and permitting. He is a former District Drainage Engineer for District One and District Three. He exemplifies the FDOT/FHWA drainage culture of minimizing costs in drainage design and pond design using risk assessment with design alternatives and innovative drainage concepts. Tim has assisted in developing FDOT drainage criteria and has given FDOT Design Conference presentations on 14-86 drainage connection permits, hurricane drainage design, RRR drainage issues, bridge hydraulic report (BHR) guidelines, pond siting reports, and the statewide stormwater treatment rule.

## Experience

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Drainage QC:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Tim was responsible for reviewing drainage design and documentation. **Project Size: \$2.3M**

**Bartow Northern Connector (Phase I)/Ernest M. Smith Blvd, Polk County, FL, Drainage QC:** The project included a new alignment four-lane urban roadway with three signalized intersections, a bridge over Saddle Creek, off-site ponds, and ROW acquisition. The project also included the replacement of an existing bridge culvert. Design elements included roadway, drainage, SAPM, signals, lighting, and structures. Tim was responsible for reviewing drainage design and documentation. **Project Size: \$13M**

**\*Short-Term Capital Improvement Program, Polk County, FL, FDOT District One, Drainage Engineer:** This project for Polk County involved general engineering services to manage, review and provide administration, planning, permitting, right-of-way, survey, construction and public information services to the county for projects within its short-term capital improvement program. Assignments included design, traffic signals, signing, field surveys, geotechnical investigations, drainage, and permitting. **Project Size: Undetermined**

**Alachua Dr and Collier Dr Drainage Improvements, Polk County, FL, Polk County Board of Commissioners, Drainage QC:** This intersection improvement project widened the north side of 9th St N in order to accommodate the addition of a right-turn lane. The design maintained existing drainage patterns and included the relocation of existing fencing and a driveway to complete the improvements. Tim was responsible for reviewing drainage design and documentation. **Project Size: \$97k**

**Eloise Loop Rd Drainage Improvements/Flood Hazard Mitigation, Polk County, FL, Polk County Board of Commissioners, Drainage QC:** Flooding at the horizontal curve of Eloise Loop Rd has required Polk County maintenance crews to close the westbound travel and detour traffic multiple times a year due to the existing ditch being incapable of draining the area. This study was initiated to alleviate the flooding concerns by providing alternatives to create positive drainage flow. PGA is the prime consultant leading the roadway, drainage, and environmental efforts. **Size of Project: \$106k**



## Project Assignment

LAP Compliance

## Availability

70%

## Education

M.S., Civil Engineering, University of Louisville, 2001

B.S., Civil Engineering, University of Louisville, 1998

## Registrations/Licenses

Professional Engineer, Virginia, 0402040667, 06/10/2005

Professional Engineer, Florida, 92470, 09/30/2021

## Work Experience

Patel, Greene and Associates  
2024 - Present

Stantec  
2023 - 2024

HNTB  
2021 - 2023

Federal Highway Administration  
2001 - 2021

## Contact

124 N Marriot Dr, Suite 101  
Tallahassee, FL 32301  
813.978.3100  
chad.thompson@patelgreene.com

\*Experience prior to joining PGA

# CHAD THOMPSON, PE

## LAP Compliance

Chad is the Tallahassee Roadway Group Leader with Patel, Greene and Associates (PGA). He has 28 years of experience leading teams and managing projects, including overseeing project phases from planning through to construction, ensuring compliance with federal requirements, and managing stakeholder relationships. He also has experience ensuring compliance with federal regulations, managing grant agreements, and providing oversight for design and construction projects. Chad's roles have involved implementing innovative solutions such as roundabout designs and multimodal network improvements, and include traffic management, design-build, and roadway design.

## Experience

**General Engineering Consultant, Districtwide, FDOT District Seven, Project Manager:** Chad advises and assists FDOT District Seven staff with reviewing and improving numerous projects funded under the LAP, SCOP, SCRAP, and other municipal programs. He performs frequent ERC reviews to ensure compliance with documents such as Construction Checklists, Invitations to Bid/RFQ/RFPs, and plan sets. **Size of Project: \$15M**

**\*General Engineering Consultant, Districtwide, FDOT District Three, Project Manager:** Chad advised and assisted the District Grants Working Group with discretionary grant applications for the Bipartisan Infrastructure Law (BIL). He assisted with project prioritization and matching needs with available programs. Chad authored RURAL and ATAIN grant applications and provided innovative strategies to produce winning grant submissions. **Size of Project: \$25M**

**\*Federal Highway Administration, Florida Division, Director/Program Operations Team Leader/LAP Office Lead:** Chad supervised a team of 12 engineers responsible for the stewardship and oversight of a \$2 billion annual Federal-Aid Highway Program (FAHP) within Florida. He engaged in all aspects of project development including planning, environment, design, construction, contract administration and maintenance/operations. Chad assisted FDOT with FHWA SEP-14 approval to use innovative two-step DB processes which led to more innovation, competition, and lower prices. He also oversaw the execution of Grant Agreements/Term Sheets and authorization/approval of grant funding, contract execution, and administration Chad worked with FDOT's State Local Programs Administrator as well as District LAP Administrators to improve compliance and reduce the burden for local agency staff. He also assisted FDOT with development and implementation of LAP Community of Practice (founding member) as well as improvements to LAP forms & checklists and the LAP certification process. **Size of Project: N/A**

**\*FDOT National Electric Vehicle Infrastructure Deployment Plan (EVIDP), FDOT Office of Policy Planning, Project Manager:** Chad led the initial outreach and development for the state's first NEVI Deployment Plan. This crucial document was required by the Bipartisan Infrastructure Law and describes how the state intends to use its apportioned NEVI Formula Program funds throughout the five years of Federal funding. **Size of Project: N/A**

**\*West River District Multi-Modal Network and Safety Improvements, Hillsborough County, FL, City of Tampa, Project Manager:** Chad assisted the City with securing USDOT grant funding and meeting federal requirements for a \$24 million BUILD grant award. He also guided City staff in their first use of Adjusted Score Design-Build procurement by developing a RFP to design and construct six new segments of Complete Streets and Riverwalk trails, including two overwater bridge sections. **Size of Project: \$24M**



## ALAYNA DELGADO, AICP

### Planner

Alayna has more than seven years of experience in the public and private sectors. She is passionate about developing functional, efficient transportation systems while maintaining and beautifying the built environment. She has operated in the private sector as an analyst for various multimodal and context-based solutions projects, as well as site development analyses and entitlements. On the public side, she coordinated economic development and community revitalization efforts in conjunction with managing and reviewing site plan and site amendment projects.

### Experience

**SR 78 from Veterans Pkwy to W of US 41, PD&E, Lee County, FL, FDOT District One, Project Planner:** The study evaluates the widening of SR 78 from four to six lanes, and includes safety improvements and multimodal accommodations. PGA is the prime consultant leading the PD&E, roadway, drainage, traffic, and environmental efforts. **Project Size: \$2M**

**\*Corridor Studies, Sub-Area Studies, and Special Transportation Studies, FDOT District Seven, Transportation Planner:** This on-call TWO contract included GIS analyses and database development. TWO #1 was executed to analyze the location of sidewalk gaps and sub-standard infrastructure. Shapefiles were reviewed within GIS, and desktop analysis was conducted to measure and review the existing sidewalk infrastructure districtwide. TWO #2 was planned to analyze all state- and county-managed trail system infrastructure crossings. The analysis focused on whether the locations were marked, if they were substandard, and how to develop a database. This database was specifically designed for the locational characteristics of crossing types, such as rectangular rapid flashing beacons and pedestrian hybrid beacons. **Project Size: \$150k**

**\*E Tampa Corridor Safety Action Plan, Hillsborough County, FL, FDOT District Seven, Transportation Planner:** The Corridor Safety Action Plan prepared recommendations for safety and operations improvements and enhanced aesthetics for the Martin Luther King Jr Blvd corridor. The recommendations included short-term (1-2 years) and long-term (3-5 years) planning horizons. Efforts included data collection, evaluation of safety and traffic operational concerns, development of recommendations, coordination of public participation, development of conceptual plans, identification of immediate maintenance issues, and preparation of planning-level cost estimates. **Project Size: \$55k**

**\*Comprehensive Safety Action Plan (CSAP), Charlotte County, FL, Charlotte County-Punta Gorda MPO, Deputy Project Manager:** Alayna served as Deputy Project Manager for this project, preparing a Comprehensive Safety Action Plan (CSAP) for the Charlotte County-Punta Gorda Metropolitan Planning area. The CSAP was based on the USDOT FHWA's Safe Systems approach and identified the high-injury network in Charlotte County. It also provided recommendations to equitably implement countermeasures to significantly reduce the prevalence of serious injuries and fatalities along high-crash corridors within the county. The project included extensive community outreach and local condition assessments. **Project Size: \$262k**

### Project Assignment

PD&E

### Availability

75%

### Education

M.S., Urban and Regional Planning,  
University of South Florida, 2020

B.A., Public Administration,  
University of Central Florida, 2018

### Certifications

American Institute of Certified  
Planners (AICP) #33554, 2021

### Work Experience

Patel, Greene and Associates  
2024 - Present

Vanasse Hangen Brustlin  
2022 - 2024

City of Oldsmar  
2021 - 2022

Volkert  
2020

Kimley-Horn  
2019

OMNI Communications  
2018

### Contact

14499 N Dale Mabry Hwy  
Tampa, FL 33618  
813.946.8955  
alayna.delgado@patelgreene.com

\*Experience prior to joining PGA



## Project Assignment

Environmental

## Availability

65%

## Education

B.S., Forest Resources and Conservation, University of Florida, 1997

## Work Experience

Patel, Greene and Associates  
2017 - Present

AECOM  
2006 - 2017

Florida Department of Environmental Protection  
2000 - 2006

Florida Department of Transportation  
1997 - 2000

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
terry.cartwright@patelgreene.com

# TERRY CARTWRIGHT

## Chief Scientist

Terry is the Environmental Group Manager with Patel, Greene and Associates (PGA). He has more than 26 years of experience and a diverse background in environmental permitting, wetlands ecology, biology, and natural resources planning. His specific expertise includes airport wildlife hazard assessments, listed species assessments, wetland assessments, wetland jurisdiction determinations, and wetland mitigation design. Prior to working as an environmental consultant, he was employed by the Florida Department of Environmental Protection (FDEP) for six years, performing a variety of wetland permitting activities including wetland delineations, seagrass surveys, habitat assessments, mitigation proposals, and processing Environmental Resource Permit applications.

## Experience

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Environmental Scientist** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Terry led the environmental efforts. **Project Size: \$2.3M**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Environmental Scientist:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, and structures efforts. Terry led wetland delineation, and potential effects to threatened and endangered species. **Project Size: \$438k**

**Continuing Services – Resurfacing Design, FDOT District One, Environmental Lead:** This task work order-based contract provides miscellaneous design services such as resurfacing, widening, rigid pavement rehabilitation, and minor design. Specific responsibilities on task work orders may include field surveys, roadway analysis and design, drainage analysis and design, utility relocation, utility, coordination, and temporary traffic control plan analysis. Terry is leading the environmental efforts on task work orders assigned through this contract. **Project Size: N/A**

**SR 29 From CR 846 E to N of New Market Rd, Collier County, FL, FDOT District One, Environmental Scientist:** This project involves the design of a new, 3.35 mile four-lane bypass road for the City of Immokalee to improve mobility and connectivity within the regional transportation network. Terry is leading the environmental assessments and permitting of the project. **Project Size: \$6M**

**Wildwood Subdivision Drainage Improvements, Lakeland, FL, Polk County Board of Commissioners, Environmental Scientist:** This drainage improvement project proposed to alleviate frequent flooding and standing water within the Wildwood Subdivision. The design installed new ditches with side drain culverts around Primrose Court, which ties into an enlarged storm drain trunk line on Wildflower Dr. A surge pond built just upstream of this outfall (also designed by PGA) reduced the flow rate to accommodate this direct discharge of high flows from Wildflower Dr. Terry led the environmental efforts. **Project Size: \$109k**



## Project Assignment

Environmental

## Availability

65%

## Education

B.S., Environmental Science and Policy, University of South Florida, 2003

B.S., Education, University of South Florida, 1994

## Work Experience

Patel, Greene and Associates  
2019 - Present

AECOM  
2007 - 2019

Florida Department of  
Environmental Protection  
2003 - 2007

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
susan.durrance@patelgreene.com

\*Experience prior to joining PGA

# SUSAN DURRANCE

## Senior Environmental Scientist

Susan is an Environmental Scientist with Patel, Greene and Associates (PGA). She has more than 22 years of experience conducting ecological evaluations involving listed species and wetlands throughout Florida. She has worked for both the public (FDEP) and private sectors performing listed species assessments and monitoring, gopher tortoise surveys, relocation and permitting, wetland assessments, jurisdictional determinations and impact analysis, seagrass surveys, and preparation of numerous environmental permit applications.

## Experience

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Environmental Scientist:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Susan supported the environmental efforts. **Project Size: \$2.3M**

**Wildwood Subdivision Drainage Improvements, Lakeland, FL, Polk County Board of Commissioners, Environmental Scientist:** This drainage improvement project proposed to alleviate frequent flooding and standing water within the Wildwood Subdivision. The design installed new ditches with side drain culverts around Primrose Court, which ties into an enlarged storm drain trunk line on Wildflower Dr. A surge pond built just upstream of this outfall (also designed by PGA) reduced the flow rate to accommodate this direct discharge of high flows from Wildflower Dr. Susan supported the environmental efforts. **Project Size: \$109k**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Environmental Scientist:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, and structures efforts Susan supported wetland delineation, and potential effects to threatened and endangered species. **Project Size: \$438k**

**\*Welling Park on Lake Easy, Polk County, FL, Environmental Scientist:** Susan was responsible for studying the potential environmental impacts associated with the construction of a park adjacent to Lake Easy in Polk County. Susan completed field reviews to determine the approximate wetland boundaries along the lake, coordination with FDEP’s Sovereignty Submerged Lands Office in Tallahassee, and environmental permitting within the proposed project. **Project Size: N/A**

**SR 64 at Greyhawk Blvd, Manatee County, FL, FDOT District One, Environmental Scientist:** PGA was the prime consultant on this project designing a multi-lane roundabout to improve safety and accessibility along SR 64. The scope included major reconstruction of multiple intersections, drainage improvements, and utility coordination. Susan was responsible for verifying wetland boundaries and assessing potential impacts to threatened and endangered species. **Project Size: \$1.2M**



## Project Assignment

Drainage

## Availability

70%

## Education

B.S., Civil Engineering, Florida International University, 2006

A.A., Liberal Arts, Polk Community College, 2002

## Registrations/Licenses

Professional Engineer,  
Florida, 75553, 01/12/2013

## Work Experience

Patel, Greene and Associates  
2017 - Present

Atkins North America  
2007 - 2017

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
manny.monreal@patelgreene.com

\*Experience prior to joining PGA

# MANUEL MONREAL JR., PE

## Senior Drainage Engineer

Manny is an Associate and Senior Drainage Engineer with Patel, Greene and Associates (PGA). His 18 years of engineering experience includes stormwater management facility and stormdrain design, hydraulic modeling, CADD and GIS support, site inspections, site data collection, and event coordination. He currently provides staff augmentation to FDOT District One through the General Engineering Contract (GEC). His responsibilities include planning, design, production of engineering drawings, preparing technical specifications, preparing documentation for reports and permit applications, and performing construction field observation.

## Experience

**Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd, Polk County, FL, Polk County Board of Commissioners, Drainage EOR:** This project involved the design of a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd, Sheffield Rd, and Old Bartow Eagle Lake Rd. PGA is the prime consultant leading the roadway, drainage, signing and pavement marking, lighting, and environmental efforts. Manny leads the drainage documentation and design efforts. **Project size: \$513k**

**General Engineering Consultant, FDOT District One, Drainage Engineer:** This contract serves as an extension of FDOT District One through various services. Manny is currently providing in-house support for drainage and stormwater design and project management. Manny has provided this dedicated client service for more than three years. Tasks include management of in-house projects, designing storm drain systems, ditch designs, stormwater management facility design, temporary drainage analysis, and review of flooding complaints. **Project Size: \$15M**

**SR 60 from E of Clarence Gordon Jr Rd to Polk County Line, Hillsborough County, FL, FDOT District Seven, Drainage Engineer:** PGA was the prime consultant for this RRR project providing resurfacing and safety improvements on this SIS facility. Additional scope items included upgrading existing traffic signals to replace loop assemblies, signing and pavement markings, ADA upgrades, transit route coordination, and drainage improvements. PGA was the prime consultant leading the roadway, drainage, SAPM, and signalization efforts. Manny led the drainage design. **Project Size: \$2.4M**

**\*Thornhill Rd at Recker Highway Intersection Improvements, Polk County, FL, Drainage Engineer:** Manny assisted in aiding in the preparation of computation book (quantity calculations and backup sheets generation). This project involved widening the intersection of Thornhill Rd and Recker Highway as well as the production of a computation book delineating costs. **Project Size: \$1M**

**Carefree Cove Drainage Improvements, Polk County, FL, Project Manager & Drainage EOR:** This project is designing improvements to address perpetual flooding at low points by replacing portions of the storm drain system, improving roadway grading, and improving the outfall at Carefree Cove. PGA is the prime consultant leading the drainage and roadway efforts. Manny is responsible for overall project management and drainage design. **Project Size: \$212k**



## Project Assignment

Drainage

## Availability

70%

## Education

B.S., Civil Engineering,  
University of South Florida, 2014

## Registrations/Licenses

Professional Engineer,  
Florida, 88745, 12/31/2019

## Work Experience

Patel, Greene and Associates  
2014 - Present

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
sean.siwiecki@patelgreene.com

# SEAN SIWIECKI, PE

## Project Drainage Engineer

Sean is a Project Drainage Engineer with Patel, Greene and Associates (PGA). He has 11 years of experience in transportation design, including working in-house at FDOT District One providing production support. His design background includes roundabout, limited-access, sidewalk, and bridge replacement projects. Sean's specific experience includes drainage documentation such as bridge hydraulic reports (BHRs), pond siting reports (PSRs), and location hydraulic reports (LHRs), plans production, and quantity computation. He is a dedicated individual who strives to provide innovative and feasible engineering solutions.

## Experience

**General Engineering Contract, FDOT District One, Drainage Engineer:** Sean served in-house at District One providing production support. His specific responsibilities included drainage design and plans production on in-house design projects, ERC reviews of phase plans submittals, and addressing flooding complaints for the department. **Project Size: \$15M**

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Drainage Engineer:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to "pop off" to adjacent basins and balance the hydraulic grade lines for better flood protection. Sean supported the drainage design and documentation effort. **Project Size: \$2.3M**

**Alachua Dr and Collier Dr Drainage Improvements, Polk County, FL, Polk County Board of Commissioners, Drainage Engineer:** This intersection improvement project widened the north side of 9th St N in order to accommodate the addition of a right-turn lane. The design maintained existing drainage patterns and included the relocation of existing fencing and a driveway to complete the improvements. Sean supported the drainage design and documentation effort. **Project Size: \$97k**

**Davenport Complete Streets Improvements, Polk County, FL, FDOT District One, Drainage Engineer:** PGA led the design of complete streets upgrades including milling & resurfacing, curb realignment, lane width reductions, wider sidewalks, street lighting, high-emphasis crosswalks, and minor drainage improvements. As a result, the existing wide typical sections are being reduced to incorporate parallel on-street parking as well as reverse-in angled parking, traffic separators, and narrow lane widths to help improve the safety. Sean supported the drainage design and documentation effort. **Project Size: \$140k**

**US 92 from Galloway Rd to Wabash Ave, Polk County, FL, FDOT District One, Drainage Lead Technical Professional:** The project included the construction of 5-ft sidewalk to improve pedestrian mobility along US 92, design of a prefabricated steel truss pedestrian bridge structure adjacent to the existing highway bridge, and miscellaneous structures. **Project Size: \$1.4M**



## Project Assignment

Structures

## Availability

60%

## Education

M.S., Civil Engineering, Clemson University, 2002

B.S., Civil Engineering, Clemson University, 2001

## Registrations/Licenses

Professional Engineer,  
Florida, 65737, 01/18/2007

Professional Engineer, North  
Carolina, 10/10/2008

Professional Engineer, New York,  
095571, 09/04/2015

Professional Engineer,  
Connecticut, 2016

## Work Experience

Patel, Greene and Associates  
2025 - Present

McElhanney  
2014 - 2025

Infinity Engineering USA  
2013 - 2014

URS  
2003 - 2013

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
tommy.peake@patelgreene.com

\*Experience prior to joining PGA

# TOMMY PEAKE, PE

## Chief Structures Engineer

Tommy is a Chief Structures Engineer at Patel, Greene and Associates and brings 22 years of diversified experience spanning several FDOT districts and municipal clients. He has worked on various types of structures, including bridges, viaducts, and highway expansions. Tommy has developed work plans, erection manuals, and certified specialized construction equipment. His skills in construction staging analysis, geometry control, and load rating have been instrumental in the successful completion of numerous high-profile projects. Tommy's proficiency in managing complex construction challenges and delivering innovative solutions makes him a valuable asset to any engineering team.

## Experience

### Districtwide Bridge Repair Design Consultant, FDOT District Three, Structures Engineer:

This contract serves as an extension of FDOT District Three's Structures Maintenance Office. The primary focus on tasks assigned under this contract include providing field assessments and structural repairs and rehabilitation of bridges (minor, major, and segmental). PGA provides support for both field and office engineering and inspections. PGA is the prime consultant providing technical support services that include scour evaluation, beam repairs, deck sealing, bridge coatings, load ratings, and pile jacket repairs. **Project Size: \$3M**

### Continuing Services – Bridge Engineering Design, FDOT District Seven, Structures Engineer:

This contract serves as an extension of FDOT District Seven's Structures Maintenance Office. PGA is the prime consultant providing technical support services that include structures, temporary traffic control, drainage, geotechnical, and other miscellaneous services to complete repairs or rehabilitation for bridges and ancillary structures. PGA is providing services to support both field and office engineering and inspections. **Project Size: \$5M**

### \*Selmon West Extension Viaduct, Hillsborough County, FL, Tampa Hillsborough Expressway, Construction EOR:

Tommy was responsible for the 7,060-ft precast segmental fin-back viaduct bridge, which featured spans of up to 260 ft using an 8-ft-deep constant depth box girder erected in a modified span-by-span configuration with underslung erection girders. The scope included conducting construction staging analysis and preparing the casting manual, erection manual, geometry control manual, and work plans for the operation of the erection girders. Additionally, he performed an independent review and certification of the specialized erection equipment, including the underslung self-launching erection girders, a deck-mounted swivel crane, and spreader beams, which were fabricated in China. **Project Size: \$230M**

### \*I-395 Signature Bridge, Miami-Dade County, FL, Florida's Turnpike Enterprise, Construction EOR:

Tommy served as the Construction Engineer for the certification of an overhead lifting truss used to install 62 spans of prestressed beams on the newly constructed elevated portion of the Dolphin, the SR 836 Expressway. He developed a work plan and erection manual that the contractor used to safely operate the overhead lifting truss and demonstrate the construction sequence to the client and FDOT. His additional responsibilities included certifying segment lifters for the installation of prestressed concrete segments over sensitive areas where ground-based cranes could not be utilized, as well as certifying miscellaneous erection equipment. **Project Size: \$820M**



## Project Assignment

Access Management/Traffic Support

## Availability

60%

## Education

M.S., Civil Engineering, University of Central Florida, 2019

B.S., Civil Engineering, University of Florida, 2013

## Registrations/Licenses

Professional Engineer, Florida 87389, 06/01/2019

Professional Traffic Operations Engineer (PTOE) Certification, 5607

Roadway Safety Professional Level 1

Advanced MOT

## Work Experience

Patel, Greene and Associates  
2023 - Present

Gresham Smith  
2022 - 2023

Stanley Consultants  
2014 - 2022

## Contact

122 W Pine St, Suite 201  
Orlando, FL 32801  
407.720.7420

vischal.persaud@patelgreene.com

# VISCHAL PERSAUD, PE, PTOE, RSP1

## Project Traffic Engineer

Vischal is a Project Traffic Engineer at Patel, Greene and Associates (PGA). With over 12 years of experience, Vischal is an adaptive, flexible individual that thrives in team environments and has a strong focus on client satisfaction. His specific experience includes traffic counts, SAPM and signals design, plans production, and quantity computation. He is responsible for supporting design, planning, and pursuit efforts at PGA.

## Experience

**SR 33 from Parkview PI to N of Granada St (Context-Based Solutions), Polk County, FL, FDOT District One, Traffic Engineer:** This 1.1-mile context-based solutions project in Downtown Lakeland involved milling and resurfacing, signing and pavement markings, lighting, and signalization. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. **Project Size: \$2.5M**

**SR 570B (Central Polk Pkwy) from SR 570 (Polk Pkwy) to SR 35 (US 17), Polk County, FL, Florida's Turnpike Enterprise, Traffic Engineer:** PGA is designing a segment of this 6.2-mile new alignment project on a limited-access facility that includes the US 17 Interchange. The new four-lane divided roadway will be a Strategic Intermodal System (SIS) highway and will connect Polk Pkwy with SR 60. **Project Size: \$1.1M**

**SR 570B (Central Polk Pkwy) from SR 35 (US 17) to SR 60, Polk County, FL, Florida's Turnpike Enterprise, Traffic Engineer:** PGA is the prime consultant for this pilot project designing plans for a new alignment of Central Polk Pkwy as a fully integrated 3D model. The scope also includes completing the design of the interchange at US 17, design of toll gantries, and the design of the new at-grade intersection at SR 60. PGA is leading the roadway, drainage, structures, and environmental efforts. **Project Size: \$13M**

**SR 45 from N of SR 26 to S of US 441, Alachua County, FL, FDOT District Two, SAPM/Lighting/Signals EOR:** This 13-mile-long project involves extending the service life of SR 45 through milling and resurfacing while also providing safety improvements. PGA is the prime consultant leading the roadway, drainage, traffic, environmental, and structures efforts. Vischal conducted a study of this roadway to evaluate pavement markings in no-passing zones, typical section areas, and intersections. He is also responsible for the design, documentation, and quantities for signing and pavement markings, signalization, and lighting. **Project Size: \$1.6M**

**SR 30 (US 98) Gulf Breeze Pkwy from E of Ortega St to the Okaloosa County Line, Santa Rosa County, FL, FDOT District Three, Traffic Engineer:** This project involved roadway design for the 3.4-mile reconstruction project to alleviate traffic congestion and accommodate future growth on SR 30. The roadway will be widened from four to six lanes and will include a shared-use path. PGA was the prime consultant, and led roadway, traffic, structures, drainage, and environmental efforts. **Project Size: \$4.1M**

**SR 5 RRR Improvements from N of 87th St to S of Sebastian Blvd, Indian River County, FL, FDOT District Four, SAPM/Lighting/Signals EOR:** This RRR project is designing improvements to the existing roadway on SR 5 to extend its service life. Additional improvements on the project include upgrading guardrail, curb ramp adjustments to meet ADA requirements, drainage improvements, lighting retrofits, and pedestrian signal upgrades. PGA is the prime consultant leading the roadway, drainage, traffic, structures, and environmental efforts. Vischal is responsible for the design, documentation, and quantities for signing and pavement markings, signalization, and lighting. **Project Size: \$1.3M**



## Project Assignment

Context-Based Solutions

## Availability

70%

## Education

M.A., Urban and Regional Planning, University of Illinois at Urbana-Champaign, 2003

B.S., Civil Engineering, University of Illinois at Urbana-Champaign, 2001

## Certifications

American Institute of Certified Planners (AICP) #022965, 2008

## Work Experience

Patel, Greene and Associates  
2022 - Present

City of St. Petersburg  
2015 - 2022

USF-CUTR  
2013 - 2014

Toole Design Group  
2009 - 2012

City of Santa Fe  
2007 - 2009

Otak  
2004 - 2006

National Park Transportation Scholar  
2003 - 2004

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
lucas.cruse@patelgreene.com

# LUCAS CRUSE, AICP

## Senior Planner

Lucas Cruse is an Associate and the Context-Based Solutions Group Leader with Patel, Greene and Associates (PGA). He has spent the last 22 years integrally involved in multimodal transportation planning projects, including numerous pedestrian and bicycle safety and research projects. His wide range of experience includes multimodal roadway and trail design, complete streets policies and implementation, research and training, land use planning, and geospatial analysis.

## Experience

**Greenways Master Plan, Hillsborough County, FL, Senior Planner:** Lucas is leading the development of design guidelines for a planned network of greenways. With an emphasis on human-scaled urban design, the guidelines incorporate biophilic design elements that fit each context. Lucas is also developing the framework for a unified system of branded wayfinding signs and planning-level cost estimates for greenway corridors based on the type of trail. **Project Size: \$180k**

**Transportation Master Plan, City of Winter Park, FL, Senior Planner:** Lucas is managing the team developing the Master Plan to guide the City's transportation investments for the next 20 years. Focusing on greenways and technology, the plan will present prioritized lists of projects that include both planning-level cost estimates and funding strategies. **Project Size: \$250k**

**Trailways Master Plan, Manatee County, FL, Manatee County Board of Commissioners, Senior Planner:** Lucas is leading the creation of a Pattern Book to guide the development of future trails with an emphasis on design that fits the context. The content will be used as the basis for trail design scopes that fit the expected users and types of trips on each corridor for Manatee County. **Project Size: \$115k**

**2050 LRTP Revenue Forecast, Hillsborough County, FL, Hillsborough Transportation Planning Organization (TPO), Senior Planner:** Lucas is compiling all projects from the CIPs for all local and state agencies within Hillsborough County. The resulting analysis categorizes spending across targeted investment programs as a baseline for developing the 2050 LRTP and associated revenue forecasts. **Project Size: \$70k**

**Bicycle Network Plan, Hillsborough County TPO, Hillsborough County, FL, Senior Planner:** Lucas managed the team to prepare conceptual designs to improve the safety and mobility needs of bicyclists along four high-priority corridors identified through a data-driven prioritization process. The resulting concepts include feasibility reviews, design plans, cost estimates, and implementation considerations to advance the projects to the next stage of design. **Project Size: \$39k**

**General Engineering Consultant, FDOT District Seven, Senior Planner:** Lucas is providing planning support and managing projects under the Tampa Bay Next program. With a focus on the major on the Downtown interchanges of I-4 and I-275, Lucas is helping FDOT meet commitments to the public and City of Tampa by incorporating trails and complete streets elements into the surrounding surface streets.

**Project Size: \$15M**



## Project Assignment

Landscape Architecture

## Availability

50%

## Education

B.L.A., Landscape Architecture,  
University of Georgia, 2004

## Registrations/Licenses

Professional Landscape Architect,  
Florida, LA6667080, 12/23/2010

## Certifications

Certified Arborist/International  
Society of Arboriculture/#FL 5660A  
(2007)

FDOT Temporary Traffic Control  
– Intermediate Certificate #46347  
(2018)

FDEP Qualified Stormwater  
Management Inspector #41955  
(2019)

OSHA 10-Hour Construction  
Safety and Health Certification  
Council of Landscape Architectural  
Registration Boards/Certificate  
#20273 (2019)

## Work Experience

Patel, Greene and Associates  
2020 - Present

AECOM  
2004 - 2020

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
emilyvette.degaetano  
@patelgreene.com

# EMILYVETTE DEGAETANO, PLA, ISA

## Director of Landscape Architecture

Emily is an associate and the Director of Landscape Architecture for Patel, Greene and Associates (PGA). She has been active in landscape architecture, master planning, landscape design, arboricultural assessments, and post-design services during construction for more than 21 years. Her expertise includes project management, client coordination, public involvement, technical writing, and technical plans review. Specializing in the transportation sector, she is accomplished in interstate, highway and interchange beautification, landscape design for speed management, low-volume drip and traditional overhead irrigation systems, and urban streetscape design. Emily is also experienced at trail planning and design, parks and recreation design, and private retail/commercial development.

## Experience

**General Engineering Consultant (GEC), FDOT District One, Senior Landscape Architect:** PGA is the Prime Consultant for this contract serving as an extension of FDOT District One by providing a variety of services that include design, program management, project management, RFP development, staff augmentation, and plans reviews. Emily is currently providing Landscape Architecture support by assisting the District Landscape Architect with design, landscape plans, and construction documents reviews, internal peer reviews, field reviews, project coordination, work program assistance, Florida Scenic Highways Program support, and coordination of meetings with staff, consultants, and local agencies.

**Project Size: \$15M**

**General Engineering Consultant, FDOT District Seven, Interim District Landscape Architect:** PGA is the prime consultant for this contract serving as an extension of FDOT District Seven by providing a variety of services including transportation design, scoping and RFP development, staff augmentation, and plans reviews. Emily currently serves as the Interim District Landscape Architect and manages D7's Landscape Architecture design services contracts and landscape projects. She coordinates with District management, maintains project schedules, and assists with programming for landscape projects. She provides technical expertise with post-design services to the Maintenance and Construction offices, assists with implementing the District-reimbursable landscape program, and serves as a liaison between the District and local agencies. Emily also serves as the District Beautification Grant Coordinator and collaborates with the Department's State and District Landscape Architects. **Project Size: \$30M**

**SR 64 at Greyhawk Blvd Roundabout, Manatee County, FL, FDOT District One, Landscape Architect of Record:** PGA was the prime consultant on this project designing a multi-lane roundabout to improve safety and accessibility along SR 64. The scope of work included major reconstruction of the intersection, drainage improvements, and utility coordination. Landscaping consisting of native, drought-tolerant plant materials, was also provided to enhance the roundabout. Emily was responsible for coordinating the final landscape design with the District Landscape Architect. She also provided post-design services during construction. **Project Size: \$2.4M**

## SUBCONSULTANTS

### ELEMENT ENGINEERING GROUP, LLC – SURVEY, SUE, AND UTILITY COORDINATION



ELEMENT Engineering Group, LLC (EEG) has partnered with Polk County for over seven years. Located in Tampa and Orlando, their experience includes traffic/roadway engineering services, survey, subsurface utility engineering (SUE), and utility coordination. Through their many projects in Polk County and FDOT District One as a whole, they have developed an in-depth understanding of the County's processes and procedures. They recognize that each project is unique and approach every assignment with innovative yet practical ideas. surveys, jurisdictional wetland surveys, parcel surveys, right of way control maps and right-of-way maps.

### KIMLEY-HORN AND ASSOCIATES, INC. – TRAFFIC PLANNING, PUBLIC INVOLVEMENT, AND NOISE



Kimley-Horn is a full-service, multidisciplinary consulting firm offering a broad range of engineering, planning, structural, and environmental services to public and private sector clients. Founded in 1967 as a three-person transportation planning and traffic engineering firm in Raleigh, North Carolina, they opened our first Florida office in West Palm Beach the following year to serve local utilities. Today, Kimley-Horn has grown to more than 9,600 employees in over 145 offices nationwide, delivering comprehensive consulting services to local, regional, national, and international clients.

In Florida alone, they have more than 1,600 employees across 22 offices, including a local office in Lakeland, which allows Polk County to benefit from a nearby team with deep local knowledge, supported by specialized expertise throughout Central Florida.

Kimley-Horn is committed to ensuring that corridor improvements become an integral part of Polk County's commercial and residential fabric, blending functionality, safety, and aesthetics. With experience spanning thousands of transportation projects—from regional corridor studies to single intersection enhancements—their team is equipped to deliver solutions that meet both technical and community goals.

### TEST LAB, INC. – GEOTECHNICAL



Test Lab, Inc. (Test Lab) is a geotechnical and materials engineering, testing and inspection firm founded in 1972. Since its inception, Test Lab, Inc. has provided practical engineering services on over 15,000 projects for industrial clients, architects, engineers, developers, and governmental agencies. Their government agency clients include most of the municipalities in the West Central Florida region, including Polk County and Florida Department of Transportation (FDOT). Test Lab is qualified for FDOT work types 9.1, 9.2, 9.3, 9.4.1, 9.5, 10.1 and 10.3.

Test Lab is certified as a Disadvantaged Woman Business Enterprise (DWBE) by the State of Florida, the FDOT, the City of Tampa, Hillsborough County, Hillsborough County Aviation Authority (HCAA) and the Tampa Port Authority. Their laboratories are inspected annually by the Construction Materials Engineering Council (CMEC) and have been accredited by that organization in accordance with AASHTO R18.

Test Lab is very familiar with the local geology and soil conditions throughout Polk County and has performed a vast array of projects spanning nearly five decades, since our inception to present. The projects included geotechnical explorations, subsidence and sinkhole studies, pavement evaluations, materials testing, and specialty design services. Most recently, Test Lab completed geotechnical exploration for design and improvements to West Pipkin Rd from Medulla Rd to Dossey Rd. Test Lab has coordinated with Polk County regarding property access and to obtain survey data for geotechnical testing. In addition, Test Lab provided or is providing geotechnical design services for Polk Pkwy Widening for Florida's Turnpike Enterprise and Lakeland Hills Blvd Reconstruction from Parkview Pl to N of Granada St for FDOT.

## **QUALITY COUNTS, LLC – TRAFFIC COUNTS**



Quality Counts is a nationwide, full-service transportation data collection firm with more than 150 employees and 16 offices across the United States. Founded in 2003, QC has supported transportation planning and engineering efforts for over two decades, including extensive experience conducting traffic data collection projects throughout Florida and within Polk County, FL.

QC has completed numerous traffic count and corridor data collection efforts in Polk County and across FDOT District One in support of PD&E studies, corridor planning, and operational analyses. Our work has included turning movement counts, volume and classification counts, multimodal data collection, and supplemental speed and safety-related data at intersections, ramps, and midblock locations. These datasets have been used to support existing conditions analysis, alternatives evaluation, and traffic forecasting for PD&E and planning studies.

## **SEARCH INC. – CULTURAL RESOURCES**



SEARCH is the largest archaeology and cultural resources management company in the United States. SEARCH specializes in the full spectrum of cultural services related to archaeology, maritime archaeology, architectural history, archives and museum services, and media production. Since 1993, SEARCH has completed more than 3,700 projects across 44 US States and 37 countries, spanning five continents and three oceans. Commercial and government customers in the Energy and Power, Defense, Federal, Transportation, and Development markets have selected SEARCH for more than \$250M in Prime contracts and \$2.3B in Team contracts. SEARCH's staff of nearly 170 employees work from over 50 facilities to conduct 300 projects per year and deploy 20 or more field teams per week. The SEARCH Transportation Group has a team of 25 archaeologists, architectural historians, historians, GIS specialists, and support personnel, who are able to utilize the expertise and resources of the entire company. The SEARCH Transportation Group's sole focus is providing world-class technical services, project management, and customer service to their clients.

## Bryan Flynn, PSM

### SUR Surveyor



#### Role

- Survey

#### Years of Experience

- 9

#### Education

- B.S., Surveying Engineering, Pennsylvania State University, 2016

#### Registration

- Professional Surveyor and Mapper (PSM), Florida, LS7387, 01/21/2022

#### Certifications

- FDOT Temporary Traffic Control: Intermediate

#### Professional Affiliations

- National Society of Professional Surveyors (NSPS)

#### Specialized Training

- Project Management Training, ELEMENT
- Leadership Training, ELEMENT

Bryan Flynn has nine years of survey, mapping, and subsurface utility engineering (SUE) experience. His strong skill set and dedication to quality make him a great asset to the ELEMENT team. Mr. Flynn coordinates daily with survey and SUE field crews, ensuring project-specific requirements are understood and accomplished. He performs survey data processing and analysis, prepares project deliverables, and is skilled in multiple software platforms including ArcGIS, MicroStation, and AutoCAD Civil 3D. He is knowledgeable in a variety of surveying services including Geodetic Control surveys, Right-of-Way (ROW) mapping, Design/Topographic surveys, Boundary surveys, and Subsurface Utility surveys. Additionally, he serves as a Safety Liaison for ELEMENT, making sure that field crew members are certified in job-specific tasks and that field operations are being performed in accordance with the best practices while meeting all local, state, and federal safety regulations.

Bryan's relevant project experience includes:

**FDOT District One, US 27 from Presidents Drive to SR 60, Polk County, FL.** SUE/Survey Office Technician. Provided survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE/Survey field book, QC-ed the surveyed designations in the UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and provided review comments to accompany the UTEXRD file to Survey. *Cost: \$925,000*

**Hillsborough County, Balm Riverview at Rhodine Road, FL.** SUR SVY/GIS/SUE Analyst. Provided survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE Survey field book, quality control of the surveyed designations in UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and providing review comments to accompany UTEXRD file to Survey. *Cost: \$258,000*

**Hillsborough County, 70th Street S over Delaney Creek, FL.** SUR SVY/GIS/SUE Analyst. Provided survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE Survey field book, quality control of the surveyed designations in UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and providing review comments to accompany UTEXRD file to Survey. *Cost: \$33,000*

**Hillsborough County, Providence at Watson, FL.** SUR SVY/GIS/SUE Analyst. Providing survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE Survey field book, quality control of the surveyed designations in UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and providing review comments to accompany UTEXRD file to Survey. *Cost: \$100,000*

**FDOT District Seven, Good Neighbor Trail Gap from W of SR 50 Cortez Boulevard to Good Neighbor Trail, Hernando County, FL.** SUE/Survey Office Technician. SUE services were provided for this project which entailed the design of a 12-foot-wide multi-use trail that connected the Suncoast Trail to the Good Neighbor Trail as a portion of the Coast-To-Coast Connector Trail. Responsibilities included assisting the PM with overseeing the field survey crew; maintaining accurate notes, records, and sketches to describe and certify work performed; researching previous survey evidence, maps, physical evidence, and other records; attending project meetings, providing input, evaluating and managing the required field survey work, and managing and assisting with the execution of the QA/QC plan. *Cost: \$165,000*

## Brent Postma

### Senior Utility Coordinator



#### Role

- Utility Coordination

#### Years of Experience

- 16

#### Education

- Hudson High School Diploma, 1984

#### Professional Affiliations

- Florida Utilities Coordination Committee

#### Specialized Training

- Project Management Training, ELEMENT
- Leadership Training, ELEMENT
- FUCC, Utility Coordination Certification, Module #2
- Cost Estimating/Billing Process, Module #5

#### Percent Available

- 55%

Using knowledge gained during his 25-year tenure within the utility field, Brent has spent the past 16 years focused on all facets of utility coordination (UC) within infrastructure projects ranging from simple to extremely complex, and has served as a FDOT liaison for in-house UC. As a Vice President of ELEMENT and the UC group manager, he oversees all components of the firm's UC projects by providing utility relocation plans, negotiating utility work schedules, and reviewing permits in accordance with the standard policies and practices of the FDOT. His experience includes design-builds, major and minor roadway, project development and environment (PD&E), and construction projects. He is proficient in standard UC policies and procedures such as utility work highway contractor agreements (UWHCA), permit review and submittal, utility adjustment and relocation agreements, subordination of easements, conflict analysis, constructability reviews, managing advanced utility relocation activities, and processing interstate reimbursements.

Brent's relevant project experience includes:

**FDOT District One, DW CS Utility Coordination Contract, FL.** Utility Project Manager. On a Task Work Order (TWO) basis, UC services are currently being provided for the District. Responsibilities include identifying existing utility facilities, then securing agreements, work schedules, and plans from the existing utility agencies/owners (UAO) to ensure all utility conflicts are addressed and resolved. Other tasks involve conducting phase meetings, certifying all utility negotiations, reviewing roadway plans for constructability with existing and proposed utility facilities, developing utility work schedules, monitoring utility relocation work to ensure schedules are met, and reviewing new utility permit requests along the project corridor. *Contract Amount \$5,000,000.00*

**Polk County, FL, West Pipkin Rd Widening CEI, FL.** Utility Project Manager. The purpose of this project was to widen West Pipkin Road from two lanes to four lanes in order to add capacity. The limits of the widening project were from Medulla Road to SR 37. Responsibilities involved conducting utility field meetings, identifying and addressing utility conflicts, reviewing and coordinating all as-built drawings, managing relocation efforts of utility UWHCA work performed by the County's contractor, documenting and resolving potential delay claims, and attending weekly progress meetings. *Contract Amount: \$182,750.00*

**FDOT District One, SR 25/US 27 from Presidents Dr (MP 13.638) to SR 60 (MP 18.397) Blvd, Polk County, FL.** Utility Project Manager. Providing UC services for widening SR 25 from a four-lane rural roadway to a six-lane rural section from MP 13.638 to MP 15.166. Responsibilities include identifying existing utility facilities, securing agreements, work schedules, and plans from existing UAOs to ensure all utility conflicts are addressed and resolved, conducting phase meetings and certifying all utility negotiations, reviewing roadway plans for constructability with existing and proposed utility facilities, developing utility work schedules, monitoring utility relocation work to ensure schedules are met and reviewing new utility permit requests along the project corridor. *Contract Amount: \$37,382.00*

**FDOT District One, SR 82 from Lee Blvd to Shawnee Rd and SR 82 Alabama Rd to Homestead Rd, Lee County, FL.** Utility Project Manager. Provided UC for the reconstruction of SR 82 in Lee County from a two-lane rural roadway to a six-lane divided suburban roadway. Responsibilities included identifying existing utility facilities, securing agreements, work schedules, and plans from existing UAOs to ensure all utility conflicts were addressed and resolved, conducting phase meetings, and certifying all utility negotiations. Reviewed roadway plans for constructability with existing and proposed utility facilities, developed utility work schedules, monitored utility relocation work to ensure schedules were met, and reviewed new utility permit requests along the project corridor. *Contract Amount: \$17,195.00*



## Michael Garau, PE

### Public Involvement

Michael is a civil engineer with 24 years of experience on transportation projects. His primary practice area is on Project Development & Environment (PD&E) projects across Florida. He has served as project manager on various PD&E projects and prepared numerous engineering and environmental documents in accordance with FDOT's PD&E guidelines. Michael has experience implementing large-scale public involvement programs and managing public relations on controversial projects. He has also authored several technical documents and presented before a variety of audiences, including agency staff and government bodies.

### RELEVANT EXPERIENCE

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL** — Project Manager. Kimley-Horn completed a PD&E study which prepared design alternatives for the corridor to accommodate pedestrians and bicyclists, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the project's impact on the social, economic, cultural, natural, and physical environment to obtain location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. The 1.4-mile study recommends reconstructing Combee Road with a 13-ft-wide two-way left turn lane, one 12-ft-wide travel lane in each direction, and an 8-ft-wide sidewalk on both sides. The study recommendation also includes roundabouts at the intersections of Maine Avenue and Skyview Drive. *Project Cost: \$1.03M*

**Florida's Turnpike Enterprise Sand Lake Road Interchange Design, Orlando, Florida** — Project Engineer. Kimley-Horn provided structural, roadway, drainage, and lighting design, traffic control, utility coordination, environmental services, and permitting services. Our team also developed a Community Awareness Plan and led an informational public meeting. This new interchange will enhance connectivity, provide long-term mobility options, address existing and future traffic needs, and enhance access for emergency responders and during hurricane evacuations. *Project Cost: \$4.4M*

**East Selmon Expressway PD&E Study, Tampa Hillsborough Expressway Authority, Tampa, Florida** — Project Manager. The Tampa Hillsborough Expressway Authority (THEA) retained Kimley-Horn to conduct a Project Development and Environmental (PD&E) Study to evaluate the needs, costs, and effects of widening the Selmon Expressway from Brorein Street to I-75 to accommodate future traffic, improve travel time reliability, and enhance safety conditions. New ramp connections between the general use lanes and reversible express lanes are also being considered. Kimley-Horn is responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation. *Project Cost: \$6.7M*

**FDOT District One SR 72 from I-75 to Lorraine Road, Sarasota, FL** — Public Involvement Specialist. The scope of the project was for widening the existing 2-lane undivided SR 72 from east of I-75 to Lorraine Road in Sarasota County, a distance of about 3.1 miles. The proposed typical section included a 4-lane divided roadway with raised median, closed drainage system, and shared use paths on both sides. Four multilane roundabout intersections were also recommended. Kimley Horn's scope of services was for a PD&E study to prepare design alternatives for the corridor that accommodate pedestrians and bicycles with shared use paths, improve capacity, and enhance safety. The study team analyzed and assessed the project's impact on the social, economic, cultural, natural, and physical environment in accordance with FDOT policy, procedures, and requirements. Final design is an optional service after completion of the study phase. *Project Cost: \$1.1M*

**Paradise Coast Trail Vision and Feasibility Study, Naples, FL** — Public Involvement Team Leader. Kimley-Horn led development of the vision and feasibility study for the 70 miles of Paradise Coast Trail in support of the Naples Pathway Coalition (NPC), FDOT District One, Collier County, the City of Naples, and the Collier MPO. The vision encompassed development of a conceptual corridor, action plan, and promotional toolkit. The completed Vision enabled NPC to successfully pursue state and local funding for the Paradise Coast Trail Feasibility Study. Kimley-Horn oversaw development of the feasibility study, which consisted of a partner agency Project Charter; a systemwide existing conditions summary; stakeholder and public outreach including use of Kimley-Horn's KollabSpace virtual meeting space platform; a comprehensive feasibility analysis with identification of preliminary alternatives; an implementation action plan to define the path forward to program and systematically complete the system; and the final pathway report. The project was completed on time and with full concurrence of all agency partners. *Project Cost: \$350K*

### EDUCATION

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

### CERTIFICATIONS/REGISTRATION

- Professional Engineer, Florida, 60715

### AVAILABILITY

- Current: 60%
- Projected: 70%



## Sarah Johnson

*Wetlands/Water Quality/Permitting/Wildlife/Contamination*

Sarah has more than more than 24 years of experience in managing and conducting public- and private-sector projects, biological assessments, wetland delineations, species surveys, mitigation, National Environmental Policy Act (NEPA) studies and documentation, geographic information system (GIS), photointerpretation, and related studies. Sarah has assisted FDOT with providing the NEPA environmental documentation for Type 2 Categorical Exclusions, reevaluations, and minor projects within the SWEPT platform.

### RELEVANT EXPERIENCE

**Thompson Nursery Road Extension, Winter Haven, FL** — Environmental Scientist. Kimley-Horn is providing roadway and structural design services for this 6.4 mile widening and extension project between US 17 and West Lake Ruby Drive in Winter Haven. The project is being designed in phases, and Kimley-Horn has completed the design of Segment 1 and is finalizing an alignment study and final design plans for the design/construction of Segments 2, 4, and 5. Services also include structural design, signing and pavement marking, signalization design, environmental permitting, contamination assessments, utility coordination, drainage design, railroad coordination. *Project Cost: \$6.2M*

**Fort Hamer Road and Bridge PDE Study and Final Design, Manatee County, FL** — Environmental Scientist. Kimley-Horn was the prime consultant for the PDE study and final design for widening of the existing two-lane Fort Hamer Road to four lanes from Upper Manatee River Road to US 301, approximately four miles, within unincorporated Manatee County. The scope of services included an evaluation of the traffic needs, intersection control evaluations, pond siting, bridge analysis, bridge hydraulics, contamination screening, natural resource evaluation, cultural resource assessment, and public involvement to FDOT standards. The PDE study was conducted to FDOT standards to maintain federal funding eligibility for future phases. The bridge (Bridge #134123) included within the project limits, carrying Fort Hamer Road across the Manatee River, is also proposed to be widened to four lanes. The goal of this project is to address the capacity and transportation demand of the corridor while enhancing safety conditions and better accommodating multimodal activity within the area. *Project Cost: \$13M*

**FDOT District One SR 72 from I-75 to Lorraine Road, Sarasota, FL** – Environmental Scientist. Environmental Lead. The scope of the project was for widening the existing 2-lane undivided SR 72 from east of I-75 to Lorraine Road in Sarasota County, a distance of about 3.1 miles. The proposed typical section included a 4-lane divided roadway with raised median, closed drainage system, and shared use paths on both sides. Four multilane roundabout intersections were also recommended. Kimley Horn’s scope of services was for a PD&E study to prepare design alternatives for the corridor that accommodate pedestrians and bicycles with shared use paths, improve capacity, and enhance safety. The study team analyzed and assessed the project’s impact on the social, economic, cultural, natural, and physical environment in accordance with FDOT policy, procedures, and requirements. Final design is an optional service after completion of the study phase. Environmental tasks included assessing the project corridor for wetland and protected species habitat, conducting federally protected species surveys (Florida bonneted bat and crested caracara), preparing the Natural Resources Evaluation report and the Type 2 Categorical Exclusion document, and coordinating with agencies. *Project Cost: \$1.1M*

**East Selmon Expressway PD&E Study, Tampa Hillsborough Expressway Authority, Tampa, , FL** — Environmental Scientist. The Tampa Hillsborough Expressway Authority (THEA) retained Kimley-Horn to conduct a Project Development and Environmental (PD&E) Study to evaluate the needs, costs, and effects of widening the Selmon Expressway from Brorein Street to I-75 to accommodate future traffic, improve travel time reliability, and enhance safety conditions. New ramp connections between the general use lanes and reversible express lanes are also being considered. Kimley-Horn is responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation. *Project Cost: \$6.7M*

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL** — Environmental Scientist. Kimley-Horn performed a PD&E study which prepared design alternatives for the 1.4-mile corridor to accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the projects impact on the social, economic, cultural, natural, and physical environment to develop the location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. *Project Cost: \$1.03M*

### EDUCATION

- Master of Science, Zoology, University of Oklahoma
- Bachelor of Science, Zoology, Ohio Wesleyan University

### CERTIFICATIONS/REGISTRATION

- Cert Senior Ecologist in ESA

### AVAILABILITY

- Current: 75%
- Projected: 70%



## Tori Bacheler

### ETDM/Sociocultural Effects

Tori has 13 years of experience working with state and federal agencies conducting endangered species surveys, delineating wetlands, designing wetland mitigation and restoration areas, and permitting projects throughout Florida. She is also a Florida Fish and Wildlife Conservation Commission (FWC) certified gopher tortoise agent for surveying and backhoe excavation supervision. Her expertise includes conducting environmental assessments to determine potential listed species habitat and wetland habitat types to determine permitting implications. She also is an expert in permitting linear infrastructure including utility lines (aerial and underground) and roadways.

### RELEVANT EXPERIENCE

**Districtwide ETDM Support, FDOT District Four** — Environmental scientist responsible for conducting several ETDM Programming Screenings within Palm Beach County and Broward County. Projects included 10th Avenue North/I-95 Interchange, Atlantic Avenue Widening, and Lantana Road/I-95 Interchange. ETDM screening included creating project description and purpose and need; review local comprehensive plans and Long Range Transportation Plans; review funding within the Transportation Improvement Program and State Transportation Improvement Program; digitize project within ETDM to run GIS analysis within the Environmental Screening Tool (EST); prepare sociocultural effects evaluation reviews; prepare Advance Notification package; review and respond to Environmental Technical Advisory Team (ETAT) comments, assigning Degree of Effect (DOE) for each category, and preparing the ETDM Programming Screen Summary Report. *Project Cost: Ongoing*

**City of Tallahassee, Capital Circle Southwest (Extension) PD&E Study** — Environmental Scientist. Kimley-Horn performed a PD&E study for Capital Circle Southwest from Blountstown Highway to Crawfordville Road. The goal of the project was to ensure that the transportation improvements also incorporated regional stormwater solutions, incorporated greenways, protected and enhanced the natural environment, included aesthetic enhancements, and sought opportunities to include recreation improvements. Services included data collection, traffic analysis, and meetings with local, state, and federal reviewers. Public involvement services involved working with a wide cross-section of community stakeholders and technical experts, and creation of multiple newsletters discussing project elements. Project Highlights:- Efficient transportation decision making (ETDM)- Transportation improvements incorporating greenways and environmental protection- Extensive public involvement services- Significant water management issues associated with Bradford Brook Chain of Lakes- Wetland issues related with sink hole lakes and large wetland systems. *Project Cost: \$27K*

**FDOT PDE and ETDM Support Services 2022, FL** — Project manager and environmental scientist responsible for conducting several ETDM Programming Screenings districtwide. Projects included 10th Avenue North/I-95 Interchange, Atlantic Avenue Widening, and Lantana Road/I-95 Interchange. ETDM screening included creating project description and purpose and need; review local comprehensive plans and Long Range Transportation Plans; review funding within the Transportation Improvement Program and State Transportation Improvement Program; digitize project within ETDM to run GIS analysis within the Environmental Screening Tool (EST); prepare sociocultural effects evaluation reviews; prepare Advance Notification package; review and respond to Environmental Technical Advisory Team (ETAT) comments, assigning Degree of Effect (DOE) for each category, and preparing the ETDM Programming Screen Summary Report. Also under this Districtwide contract, projects included seagrass surveys for bridge projects in St. Lucie County, and a feasibility study at the Savannas Preserve State Park. *Project Cost: \$20K*

**East Selmon Expressway PD&E Study, Tampa Hillsborough Expressway Authority, Tampa, FL** — Environmental Scientist. The Tampa Hillsborough Expressway Authority (THEA) retained Kimley-Horn to conduct a Project Development and Environmental (PD&E) Study to evaluate the needs, costs, and effects of widening the Selmon Expressway from Brorein Street to I-75 to accommodate future traffic, improve travel time reliability, and enhance safety conditions. New ramp connections between the general use lanes and reversible express lanes are also being considered. Kimley-Horn is responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation. *Project Cost: \$6.7M*

### EDUCATION

- Master of Science, Marine Biology, Nicholls State University
- Bachelor of Science, Wildlife Management, University of Florida

### CERTIFICATIONS/REGISTRATION

- Pro Wetland Scientist, FL, 3486
- Gopher Tortoise Agent, FL, GTA-22-00003

### AVAILABILITY

- Current: 75%
- Projected: 80%



## Tad Hardy, P.E.

### Noise

Tad is a transportation engineer with 13 years of experience specializing in traffic noise analysis and mitigation as well as NEPA documentation preparation. He has been involved in noise modeling and documentation for a variety of projects ranging from simple intersection improvements to roadway widenings and complex interchange improvements. He has successfully completed the National Highway Institute Highway Traffic Noise and FHWA TNM 2.5 courses and has provided traffic noise data collection and analysis services for multiple projects throughout the Southeast and Southwest. Tad also assists with public outreach efforts and has participated in numerous public involvement meetings. He also is proficient in the use of GIS and traffic noise modeling software, including ArcMap and TNM 2.5.

## RELEVANT EXPERIENCE

**FDOT District One I-75 (SR 93) at CR 876/Daniels Parkway Diverging Diamond Interchange, Fort Myers, FL** — Project Manager. Kimley-Horn is responsible for the preparation of construction plans for this operational improvement project at the I-75/Daniels Pkwy (CR 876) Interchange. The project involves DDI alternatives evaluation, IMR support, preparation of construction plans, environmental permitting, public involvement and support for the Type 1 Categorical Exclusion (CE). Services include roadways, drainage, traffic control plans, signing and pavement marking, lighting, ITS relocations, environmental permitting, and miscellaneous structure design. *Project Cost: \$2.4M*

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL** — Noise Task Manager. Kimley-Horn performed a PD&E study which prepared design alternatives for the 1.4-mile corridor to accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the projects impact on the social, economic, cultural, natural, and physical environment to develop the location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. FDOT considered roundabout intersections that had been shown to have safety and traffic operation benefits for all roadway users. *Project Cost: \$1.03M*

**FDOT District Three SR 263 (Capital Circle SW) from Springhill Drive to SR 371 (Orange Avenue) Multi-lane Reconstruction, Tallahassee, FL** — Project Engineer. Kimley-Horn is providing a full range of roadway design services for this four-mile section of SR 263. Our tasks include public involvement, traffic analysis, maintenance of traffic, erosion control, signing and pavement marking, as well as stormwater management, design, and permitting. The project will require significant coordination with the City of Tallahassee and the Tallahassee International Airport Authority (TIAA) to ensure the design contributes a gateway entry to the City. *Project Cost: \$3.7M*

**FDOT District One US 41 at Gulfstream Avenue Roundabout PD&E Study and Final Design, Sarasota, FL** — Project Engineer. Kimley-Horn performed engineering services for the state's first State-Wide Acceleration and Transformation (SWAT) project for the multi-lane roundabout. Designated as a SWAT project, the PD&E and Design efforts overlap to reduce schedule and streamline efficiency. This project included full reconstruction of the intersection to a roundabout configuration, pedestrian signals, lighting, landscape, ADA and drainage improvements. This is the first partial 3 lane roundabout in the state and due to its complexity an emphasis has been placed on public involvement for this project. Design improvements for this constrained urban intersection addressed multi-modal transportation, pedestrian connectivity/safety enhancements and balanced roundabout performance criteria such as fastest path analysis and design vehicle movements. *Project Cost: \$2.8M*

**City of Tallahassee, Capital Circle Southwest (Extension) PD&E Study, Bay County, FL** — Noise Task Manager. Kimley-Horn performed a PD&E study for Capital Circle Southwest from Blountstown Highway to Crawfordville Road. The goal of the project was to ensure that the transportation improvements also incorporated regional stormwater solutions, incorporated greenways, protected and enhanced the natural environment, included aesthetic enhancements, and sought opportunities to include recreation improvements. Services included data collection, traffic analysis, and meetings with local, state, and federal reviewers. Public involvement services involved working with a wide cross-section of community stakeholders and technical experts, and creation of multiple newsletters discussing project elements. *Project Cost: \$3.2M*

## EDUCATION

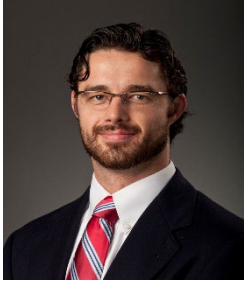
- Master of Science, Civil Engineering, Clemson University
- Bachelor of Science, Civil Engineering, Clemson University

## CERTIFICATIONS/REGISTRATION

- Professional Engineer, SC, 34671
- Professional Engineer, NC, 043169

## AVAILABILITY

- Current: 65%
- Projected: 65%



## Mike Woodward, PE

### Traffic Planning

Mike is a transportation engineer with 21 years of experience, specializing in corridor and arterial investment studies, bicycle and pedestrian planning, T-intersection design, signal system retiming, and transit facility analyses. He has served as project manager and engineer for several of Kimley-Horn's general planning and/or traffic engineering consultant services contracts for clients, including the cities of Casselberry, Winter Park, Apopka, Windermere, Osceola County, FDOT, and LYNX. Mike's responsibilities have included trail feasibility and design, design traffic reports, multimodal master plans, sidewalk design, operational assessments, safety studies, impact and mobility fees, and prioritization of county and city projects.

### RELEVANT EXPERIENCE

**Thompson Nursery Road Extension, Polk County, FL — Project Engineer.** Kimley-Horn is providing roadway and structural design services for this 6.4 mile widening and extension project between US 17 and West Lake Ruby Drive in Winter Haven. The project is being designed in phases, and Kimley-Horn completed the design of Segment 1 (started by another firm) and is finalizing the alignment study and final design plans for the design/construction of Segments 2, 4 and 5. Services also include structural design, signing and pavement marking, signalization design, environmental permitting, contamination assessments, utility coordination, drainage design, and railroad coordination. *Project Cost: \$6.2M*

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL — Project Engineer.** Kimley-Horn completed a PD&E study which prepared design alternatives for the corridor to accommodate pedestrians and bicyclists, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the project's impact on the social, economic, cultural, natural, and physical environment to obtain location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. The 1.4-mile study recommends reconstructing Combee Road with a 13-ft-wide two-way left turn lane, one 12-ft-wide travel lane in each direction, and an 8-ft-wide sidewalk on both sides. The study recommendation also includes roundabouts at the intersections of Maine Avenue and Skyview Drive. *Project Cost: \$1.03M*

**63rd Avenue East Project Development and Corridor Study, Manatee County, FL — Project Manager.** Kimley-Horn was contracted to perform a corridor study of 63rd Avenue East from US-301 to Tuttle Avenue. The purpose of the study was to develop corridor alternatives for reducing congestion, improving safety, and operational performance along with addressing future transportation needs. Kimley-Horn was responsible for conducting project coordination, agency coordination, and the development of conceptual layouts. Our team also evaluated impacts on natural resources, cultural resources, and potential contamination that could occur as a result of this project. *Project Cost: \$256K*

**City of Winter Park Continuing Transportation Planning (aka Orange Avenue Master Plan, aka Orange Avenue Corridor Study), Winter Park, FL — Project Manager.** Kimley-Horn has provided a variety of transportation planning and transportation engineering services to the City of Winter Park, including updates to the City's Transportation Element, development of a Mobility Plan, and a corridor study for Orange Avenue. The Orange Avenue Corridor Study included public involvement, an assessment of existing conditions, development of best practices, and recommendations of specific concepts in support of the Orange Avenue Overlay. *Project Cost: \$34K*

**City of Longwood, Professional Consulting Services (Transportation), Longwood, FL — Project Manager.** Kimley-Horn was selected to perform professional engineering services (Transportation) to include design, planning, permitting and review in accordance with the City of Longwood's 5-Year Transportation Capital Improvement Plan. This project includes multimodal improvements, a bicycle and pedestrian master plan, public involvement (meetings, workshops, newsletters), sidewalk, reconstruction of curb ramps and installing crosswalks to meet ADA standards, safe routes to schools, connections to the regional Sun Rail station, on-street parking plans, bicycle lanes and all related signing, signaling, path, milling and widening associated with each project. *Project Cost: \$120K*

### EDUCATION

- Bachelor of Science, Civil Engineering, Michigan State University

### CERTIFICATIONS/REGISTRATION

- Professional Engineer, Florida, 70009

### AVAILABILITY

- Current: 65%
- Projected: 65%

# RODRIKAS JONES

## Traffic Counts

Rodrikas Jones has over 18 years of experience in transportation data collection projects. He has acted as Project Manager for turning movement counts, tube counts, parking occupancy and inventory studies, and origin-destination studies. He prides himself on his history of managing a variety to innovative projects. These include, but are not limited to, curbside data collection, drone studies, and Bluetooth data collection. With the knowledge that Rodrikas has gained from his hands-on work as a technician in the field, his years of data collection knowledge, and his years of seeing projects through his project life cycle, he assures that every project is completed efficiently and to the highest level of quality.

**FDOT DISTRICT 1 | DISTRICTWIDE OD AND TRAVEL TIME STUDIES** – Project Manager for this contract (with S&ME as the prime) to analyze origin-destination and trip length data in three separate corridors for the development of transportation masterplans QC analyzed four years of GPS data broken down by month to separate tourist-heavy periods from commuter-only periods. QC delivered the data in various formats to make easier comparison over time, and to see overall patterns. **\$12,500**

**FDOT DISTRICT 1 | CITY OF NAPLES TMCS** – Project Manager for this project that was tasked by FDOT through our Complete Streets contract (with S&ME as the prime) to collect traffic data at 15 intersections within the downtown grid to determine peak AM and PM traffic periods. The grid included US-41, Goodlette-Frank Road, and Golden Gate Pkwy. QC collected 14-hour manual turning movement counts at each intersection via camera. All intersections were filmed concurrently during the same day. **\$21,930**




**FDOT D4 | CONTINUING SERVICES FOR TRAFFIC DATA COLLECTION AND ROUTINE COUNTS | F.R. ALEMAN** – Quality Counts is a part of the team that is executing the D4 annual statistics contract. QC is responsible for collecting designated sites that consist of 48-hour Class and Volume counts. In addition, QC is responsible for collecting locations using the PTMS sites and uploading data according to the FDOT requirements. All counts for this contract were completed on time and on budget. **\$12,754**

**MANATEE COUNTY | TRAFFIC COUNTS** – Project Manager for this contract to provide data collection for the County of Manatee. This contract is an optional four-year contract with one-year renewals. Under this contract, QC provides volume count data for existing locations as chosen by the county. Under the contract we have collected over 100 locations of 24-hour volume counts, and they have all been delivered on time. **\$10,135**

**HIGHLANDS COUNTY | TRAFFIC COUNTS** – Principal-in-Charge for this contract with the Highland County Board of Commissioners to collect 30 24-hour volume, speed, and class tube locations. The traffic counts were assembled in a tabular format, a pdf format, and in the appropriate software for which the equipment operates. The GPS coordinates of each count location was provided so that each count location could be mapped using GIS. **\$4,950**



### CONTACT

-  Tampa, FL
-  rjones@qualitycounts.net
-  571.585.9225

### EDUCATION

Health Service Administration |  
University of Central Florida |  
Orlando, FL

### YEARS OF EXPERIENCE

18



TRUE DATA TO IMPROVE MOBILITY





## Matt V. Nowak, RPA

### Cultural Resources

**Matt V. Nowak, MA, RPA**, has more than nine years of professional experience in cultural resources project management, field survey, and project reporting. He supports SEARCH's Transportation, Energy, and Federal Groups and was responsible for project management, field survey, project reporting, equipment tracking, and employee development. Mr. Nowak has been responsible for Phase I surveys to Phase III data recovery mitigations as a Field Director and Crew Lead. Mr. Nowak's qualifications meet those set forth by the *Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation* (48 FR 44716-42).

#### EDUCATION

MA	2022	Archaeology and Heritage. University of Leicester
Cert	2018	Cultural Resource Management - Archaeology. Missouri State University
BS	2017	Anthropology. Missouri State University

#### PROFESSIONAL REGISTRATIONS AND ASSOCIATIONS

Register of Professional Archaeologists #5201

#### SELECT PROJECT EXPERIENCE

**Principal Investigator**, Cultural Resource Desktop Analysis for the Lake Hancock Multi-Use Trail Connection Master Plan, Polk County, Florida. SEARCH completed a desktop analysis to evaluate the eight identified corridors (Trail Corridors A–H) currently planned to contribute to the contiguous multi-use trails around Lake Hancock. Once preferred trail footprints are selected, the APE for each should be defined and a Phase I CRAS should be conducted. Conducted for Patel, Greene & Associates, LLC (PGA), for Polk County, Florida. \$15,860.00

**Project Archaeologist**, Phase I Cultural Resource Assessment Survey in Support of the Poinciana Parkway Extension and eight Stormwater Pond locations, Osceola and Polk Counties, Florida. The archaeological survey of the 103-acre APE included 103 shovel tests resulting in the update of previously recorded archaeological sites 8OS00151 and 8OS02941. No historic structures were identified within the APE. Conducted for Dewberry Engineers, Inc. for Central Florida Expressway Authority. \$14,079.00

**Principal Investigator**, Cultural Resource Assessment Survey of I-75 from North of Golden Gate Parkway to South of Corkscrew Road PD&E, Lee and Collier Counties, Florida. FM #452544-1. The Phase I survey was completed to support roadway improvements and 14 existing pond locations along the 18-mile corridor. The fieldwork included a pedestrian survey and the excavation of 118 shovel tests; all of which were negative for artifacts. No architectural cultural resources were present in the project area. Conducted for AIM Engineering & Surveying, Inc. (AIM), for the Florida Department of Transportation District One. \$95,377.78

**Principal Investigator**, Cultural Resources Assessment Survey for the CR 769 (Kings Highway) from Charlotte County Line to Peace River Street, Charlotte and DeSoto Counties, Florida. FM #440342-1. The survey for the 1-mile segment consisted of a pedestrian survey and five shovel tests. The architectural history survey resulted in the identification and evaluation of previously recorded linear Resource 8CH02007/8DE00861, Kings Highway. Conducted for Kisinger Campo and Associates for the Florida Department of Transportation District One. \$47,821.33



## Igor (Igon) Kratser, P.E. - Geotechnical

**Mr. Kratser, P.E.** has been with Test Lab for almost 14 years and has over 22 years of project management and geotechnical engineering experience. His geotechnical experience includes roadway and bridge design, residential and commercial building design, pavement and earthwork recommendations and considerations. His experience also includes construction oversight on: high-level embankments, driven piles, drilled shafts and MSE walls, as well as geotechnical design and recommendations associated with poor soil conditions including sinkhole activity and compressible soils. He has performed geotechnical services for roadway and bridge projects within FDOT Districts I, III, V, VII, Florida's Turnpike Enterprise, as well as various Florida municipalities and expressway authorities, including City of Lakeland and Polk County.

### Project Experience:

West Pipkin Road Widening, Polk County [\$135,000]  
 US 98 from Polk CL to US 301 (Segment 1) **(Ongoing)** [\$120,000]  
 SR 33 Complete Streets Improvements from Parkview Place to Granada Street [\$50,000]  
 Resurface Polk Parkway MP 0.00 to MP 8.00 [\$20,000]  
 SR 33 (Lakeland Hills Blvd.) Reconstruction from Parkview Place to N of Granada Street [\$16,000]  
 SR 559 at CR 557A, Camp Gilead Dr Intersection Improvement [\$12,000]  
 Oak Park Phase III Subdivision [\$10,000]  
 Cemex Plant Entrance Roadway Evaluation [\$2,000]  
 Cinco Soccer Complex [\$2,500]  
 Jiffy Lube – Lakeland [\$1,000]  
 SR 60 W of Dude Ranch Rd to E of Rattlesnake Rd [\$17,000]  
 Audi Lakeland [\$6,000]  
 SR 572 at Waring Road Roundabout **(Ongoing)**  
 US 92, SR 600, at Fish Hatchery Road [\$25,000]  
 Old Combe Road Development, City of Lakeland  
 Ernie Caldwell Boulevard from County Road 547 to State Road 17/92 Polk County, Florida  
 Urgent Care Medical Building, City of Lakeland  
 LDS Church Parking Lot Assessment, City of Lakeland  
 Central Polk Parkway PD&E – FDOT, Polk County  
 Lake Bluff - Segmental Retaining Wall Design, Polk County  
 Meadows - Segmental Retaining Wall Design, Polk County  
 Bella Nova Lake - Segmental Retaining Wall Design, Polk County  
 Love's Travel Stop - Segmental Retaining Wall Design, Polk County  
 Audi Dealership - Segmental Retaining Wall Design, Polk County  
 City of Tampa Design Services (Continuing) Consolidated Rental Car Facility and Automated People Mover, Tampa International Airport

### Corporate Title

Vice President / Director of Engineering

### Education

B.S., Civil Engineering,  
 University of South Florida, 2004

### Professional Registration

Florida Professional Engineer, No. 73129, Exp. 2/28/2023  
 Date Issued: 6/2011

### Years of Experience: 22

### Certificates

SmartPile - Embedded Data Collector (EDC) Certificate

### Professional Affiliations, Honors and Awards

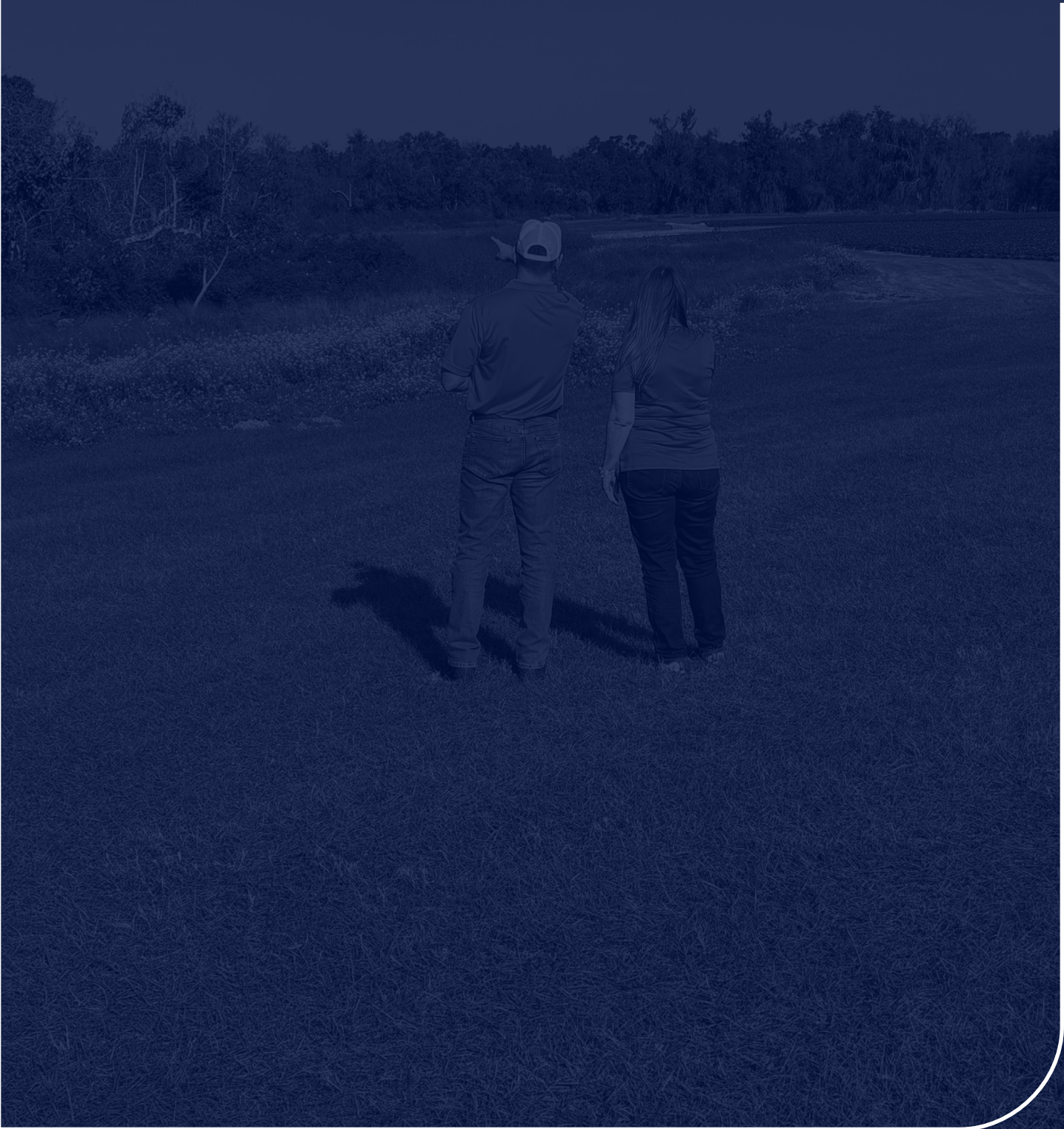
American Society of Civil Engineers (ASCE)

ASCE West Coast Branch,  
 Vice President - Younger Members Group 2011 to 2012

### Specialties:

*Project Management*  
*Deep Foundation Design*  
*Pile Foundations*  
*Drilled Shaft Foundations*  
*Shallow Foundation Design*  
*Roadway Soil Surveys*  
*Retaining Wall Design*  
*MSE Walls*  
*Sheetpile Walls*  
*Soldier Pile Walls*  
*Pavement Evaluation*  
*Settlement Evaluations*  
*Slope Stability*  
*In-Situ Soil Improvement*  
*Ground Subsidence Investigations*  
*Vibration Evaluation*

# Interaction with County & Regulatory Agency Staff



## — INTERACTION WITH REGULATORY AGENCIES

PGA has successfully obtained many environmental resource permits through the USACE, SWFWMD, and FDEP. Some of our more ambitious projects were on Polk County projects, including West Pipkin Rd and Ernest M. Smith Blvd (EMSB). The West Pipkin Rd design called for a significant amount of basin combination as well as multiple “smart box” structures. The innovative design concepts eliminated several pond sites that saved the County considerable costs in R/W acquisition. The EMSB alignment encroached into over 800,000 cubic yards of the FEMA floodplain for Saddle Creek. By preparing a hydraulic model for Saddle Creek and downstream improvements at Old Bartow Eagle Lake Rd, we were able to demonstrate no rise in the water surface elevation without floodplain compensation saving the County significant R/W costs. PGA has also worked with FEMA on several recent projects, including obtaining a Conditional Letter of Map Revision (CLOMR) for the new crossing of EMSB over Saddle Creek and Ewell Rd over Poley Creek.

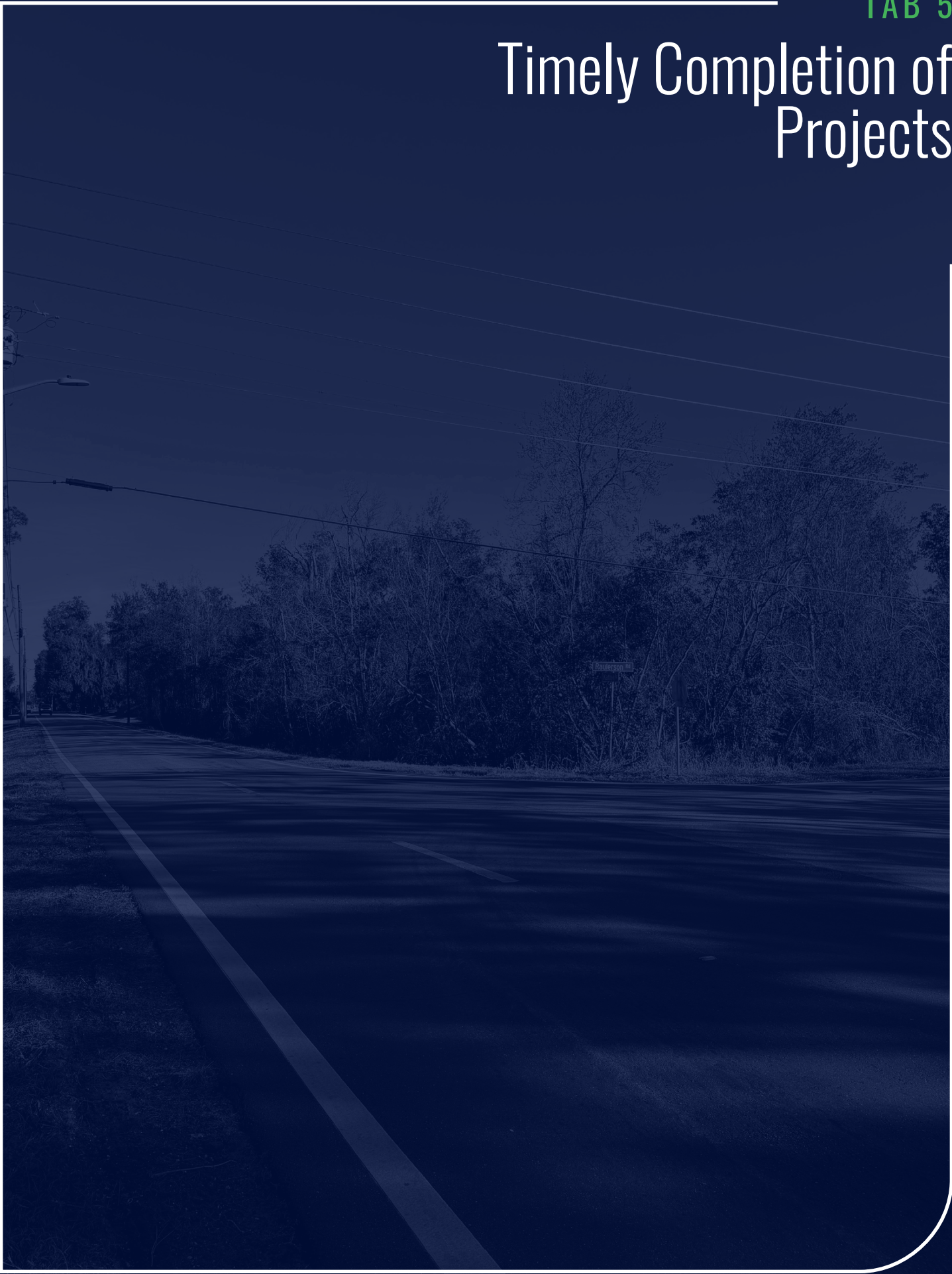
Our environmental staff have extensive experience with protected species surveys, consultation, and permitting with the US Fish and Wildlife Service and the Florida Fish and Wildlife Conservation Commission. The Polk Pkwy Extension from US Hwy 17 to SR 60 is a recent example that required technical assistance from USFWS and FWC, and surveys for the Florida bonneted bat, crested caracara, and gopher tortoises. The surveys were completed and approved by the agencies within the allotted project schedule.

### CAPABILITIES MATRIX

We have included a table below that summarizes our overall team experience with all the regulatory agencies and county divisions listed in the RFP.

KEY TEAM MEMBER	Polk Co Roads & Drainage	Polk Co Proc.	Polk Co Building Division	Polk Co Codes Division	Polk Co Attorney's Office	FDOT	SWFWMD	FDEP	USFWS	USACE
Kim Warren	✓	✓	✓			✓	✓	✓	✓	✓
Jonathan Jones, PE	✓	✓				✓	✓			
Gordon Greene, PE	✓	✓				✓	✓	✓		
Joseph Lauk, PE	✓	✓				✓	✓			
Adam Perez, PE	✓	✓				✓	✓			
Tim Polk, PE	✓	✓			✓	✓	✓			
Chad Thompson, PE						✓	✓	✓		
Alayna Delgado, AICP	✓	✓				✓			✓	✓
Terry Cartwright	✓	✓				✓	✓	✓	✓	✓
Susan Durrance	✓	✓				✓	✓	✓	✓	✓
Manny Monreal, PE	✓	✓				✓	✓			
Sean Siwiecki, PE	✓	✓				✓	✓			
Tommy Peake, PE	✓	✓				✓				
Vischal Persaud, PE, PTOE, RSP1	✓	✓				✓				
Lucas Cruse, AICP	✓	✓				✓				
Emily DeGaetano, PLA, ISA	✓	✓				✓				
Bryan Flynn, PSM (EEG)	✓	✓	✓			✓	✓	✓		
Brent Postma (EEG)	✓	✓				✓				
Michael Garau, PE (KHA)	✓	✓	✓	✓		✓	✓	✓	✓	✓
Sarah Johnson (KHA)	✓	✓				✓	✓	✓	✓	✓
Tori Bacheler (KHA)	✓	✓				✓	✓	✓	✓	✓
Tad Hardy, PE (KHA)	✓	✓	✓	✓		✓	✓	✓		
Mike Woodward, PE (KHA)	✓	✓		✓		✓		✓		
Rodrikas Jones (QC)						✓				
Matt Nowak, RPA (SEA)	✓	✓	✓	✓		✓	✓	✓		
Igon Kratser, PE (TLI)	✓	✓		✓		✓		✓		

# Timely Completion of Projects



## TIMELY COMPLETION OF PROJECTS

With our large W Pipkin Rd project nearing the end of construction and our current projects nearing final design, the key team members shown in the workload chart below have availability now for this project and will continue to have excellent availability as this work comes on line and throughout the life of the project.

PGA carefully coordinates work efforts with internal meetings on a weekly basis that include project managers, task managers, and staff in order to review and stay up to date on our current and projected workloads. We analyze all project schedules, ensuring all of our current projects are properly staffed. Our priority is to meet or beat all project commitments and ensure our clients are completely satisfied. We are aided in this effort by the fact that all major disciplines (planning, NEPA compliance, roadway, drainage, structures, environmental, permits, traffic, landscape architecture, and community engagement) are handled in-house at PGA, which gives us the capability to monitor our projects' progress on a daily basis. We take pride in our ability to develop cost-effective solutions and look forward to exceeding your expectations on this contract.

We have assembled our team to handle the complete scope that is described in the RFP, which includes Task 1: Alignment Study, as well as Task 2, should we move forward into design. Some of these services are provided by our subconsultant partners. We have provided a summary of the key staff members that will be working on this contract. If PGA is fortunate enough to win this contract, you not only get the team we are proposing, but , but **PGA will commit all necessary resources from our firm of over 150+ staff members to ensure this project is a success.**

## PGA KEY STAFF WORKLOAD AND LOCATION

### PGA ROLES: PROJECT MANAGEMENT, PD&E, ENVIRONMENTAL, ROADWAY, DRAINAGE, STRUCTURES LANDSCAPE ARCHITECTURE, MULTIMODAL

KEY PGA STAFF	Project Role	Current Workload	Future Workload	Office Location	Home Location
Kim Warren	Project Manager	30%	25%	Bartow	Bartow
Jonathan Jones, PE	Deputy Project Manager	35%	35%	Bartow	Lakeland
Gordon Greene, PE	PiC & QA/QC Manager	50%	45%	Bartow	Homeland
Joseph Lauk, PE	Type 2 CE & PER QC	60%	50%	Bartow	Lakeland
Adam Perez, PE	Roadway QC	60%	50%	Temple Terrace	Zephyrhills
Tim Polk, PE	Drainage QC	60%	50%	Bartow	Wauchula
Chad Thompson, PE	LAP Compliance	30%	25%	Tallahassee	Tallahassee
Alayna Delgado, AICP	PD&E	25%	20%	Tampa	Tampa
Terry Cartwright	Environmental	35%	30%	Tampa	Tampa
Susan Durrance	Environmental	35%	30%	Bartow	Wauchula
Manny Monreal, PE	Drainage	30%	30%	Bartow	Lakeland
Sean Siwiecki, PE	Drainage	30%	25%	Bartow	Plant City
Tommy Peake, PE	Structures	40%	35%	Temple Terrace	Land O' Lakes
Vischal Persaud, PE, PTOE, RSP1	Access Mgmt./Traffic Sup.	40%	35%	Orlando	Orlando
Lucas Cruse, AICP	Multimodal	40%	35%	Temple Terrace	St. Petersburg
Emily DeGaetano, PLA, ISA	Landscape Architecture	50%	45%	Tampa	Tampa

**— SUBCONSULTANT WORKLOAD AND LOCATION**



**ELEMENT ENGINEERING GROUP ROLES: SURVEY, SUE, AND UTILITY COORDINATION**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Bryan Flynn, PSM	Survey	45%	40%	Tampa
Brent Postma	Utility Coordination	45%	40%	Tampa

**Kimley»Horn KIMLEY-HORN AND ASSOCIATES ROLES: PUBLIC INVOLVEMENT, TRAFFIC PLANNING, NOISE**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Michael Garau, PE	Public Involvement	40%	30%	Winter Garden
Sarah Johnson	Noise	25%	25%	Temple Terrace
Tori Bacheler	Traffic Planning	25%	20%	Charlotte, NC
Tad Hardy, PE	Noise	35%	35%	Temple Terrace
Mike Woodward, PE	Traffic Planning	35%	35%	Charlotte, NC



**QUALITY COUNTS ROLES: TRAFFIC COUNTS**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Rodrikas Jones, RPA	Traffic Counts	25%	20%	Tampa



**SEARCH ROLES: CULTURAL RESOURCES**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Matt Nowak	Cultural Resources	60%	50%	Tampa



**TEST LAB ROLES: GEOTECHNICAL**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Igon Kratser, PE	Geotechnical	50%	45%	Tampa

# Surveys of Past Performance



RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: Jay Jarvis, PE Polk County Roads and Drainage  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-535-2239

Email: JayJarvis@polk-county.net

Subject: Past Performance Survey of:  
W Pipkin Rd fr Medulla Rd to Dossey Rd; fr Dorman Rd to SR 37

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC  
 (Name of firm being surveyed)

Cost of Services: \$ 2,293,382 Date Complete: April 2021

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Appropriate application of technology	(1-10)	10

Jay M. Jarvis   
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**  
**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: Jay Jarvis, PE Polk County Roads and Drainage  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-535-2239

Email: JayJarvis@polk-county.net

Subject: Past Performance Survey of:  
 Spirit Lake Rd at Old Bartow Eagle Lake Rd and Sheffield Rd

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC

(Name of firm being surveyed)  
 Cost of Services: \$513,845 Date Complete: Ongoing

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Appropriate application of technology	(1-10)	10

Jay M. Jarvis [Signature]  
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: Jobin Abraham City of Lakeland  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-834-6779

Email: jobin.abraham@lakelandgov.net

Subject: Past Performance Survey of:  
 SR 37 from Ariana St to Lime St

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC  
(Name of firm being surveyed)

Cost of Services: \$1,899,969 Date Complete: Ongoing

**Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.**

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	NA - Ongoing
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	NA - Ongoing
3	Quality of workmanship	(1-10)	NA - Ongoing
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	NA - Ongoing
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Appropriate application of technology	(1-10)	10

Jobin Abraham *Jobin Abraham*  
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

**FDOT staff are not permitted to complete the scoring for these surveys, but they are available for verbal feedback on our performance.**

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: David Turley FDOT District One  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-519-2255

Email: David.Turley@dot.state.fl.us

Subject: Past Performance Survey of:

SR 78 PD&E from Veterans Pkwy to W of US 41

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC  
(Name of firm being surveyed)

Cost of Services: \$2,023,626 Date Complete: Ongoing

**Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.**

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	
3	Quality of workmanship	(1-10)	
4	Professionalism and ability to manage	(1-10)	
5	Close out process	(1-10)	
6	Ability to communicate with Client's staff	(1-10)	
7	Ability to resolve issues promptly	(1-10)	
8	Ability to follow protocol	(1-10)	
9	Ability to maintain proper documentation	(1-10)	
10	Appropriate application of technology	(1-10)	

**Please see note at the top of the page.**

\_\_\_\_\_  
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

## Proposers Incorporation Information

(Submittal Page)

The following section should be completed by all bidders and submitted with their bid submittal:

Company Name: Patel, Greene and Associates, LLC

DBA/Fictitious Name (if applicable): N/A

TIN #: 45-2209743

Address: 215 East Main St

City: Bartow

State: Florida

Zip Code: 33830

County: Polk County

Note: Company name must match legal name assigned to the TIN number. A current W9 should be submitted with your bid submittal.

Contact Person: Gordon M. Greene, PE

Phone Number: (863) 533-7317

Cell Phone Number: (863) 640-3207

Email Address: gordon.greene@patelgreene.com

Type of Organization (select one type)

- Sole Proprietorship
- Partnership
- Non-Profit
- Sub Chapter
- Joint Venture
- Corporation
- LLC
- LLP
- Publicly Traded
- Employee Owned

State of Incorporation: Florida

The Successful vendor must complete and submit this form prior to award. The Successful vendor must invoice using the company name listed above.

January 14, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA**

**ADDENDUM #1**

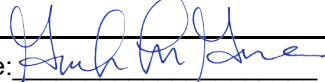
**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

This addendum is issued to clarify, add to, revise and/or delete items of the RFP Documents for this work. This Addendum is a part of the RFP Documents and acknowledgment of its receipt should be noted on the Addendum.

Contained within this addendum: questions and answers

Ken Brush  
Procurement Contracts Manager  
Procurement Division

**This Addendum sheet should be signed and returned with your submittal. This is the only acknowledgment required.**

Signature: 

Printed Name: Gordon Greene, PE

Title: Executive Vice President

Company: Patel, Greene and Associates, LLC

January 16, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF  
THE STATE OF FLORIDA  
ADDENDUM # 2**

**RFP # 25-421, Professional Engineering Services for Kathleen Rd Widening  
and Extension from Duff Rd to HWY 98**

---

This addendum is issued to clarify, add to, revise and/or delete items of the RFP Document for this work. This Addendum is a part of the RFP Document and acknowledgment of its receipt shall be noted on the Addendum.

---

Contained within this addendum: Formal notification that administrative responsibility for this solicitation has been reassigned.

**From:** Ken Brush  
**To:** Tabatha Shirah  
**New Point of Contact Email:** [tabathashirah@polkfl.gov](mailto:tabathashirah@polkfl.gov)

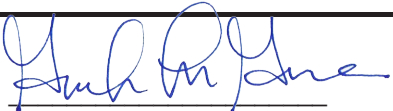
Effective immediately, all communication related to this solicitation must be directed to Tabatha Shirah at the email address listed above.

*Tabatha Shirah*  
Senior Procurement Analyst  
Procurement Division

---

**This Addendum sheet should be signed and submitted with your  
submittal.**

---

Signature:   
Printed Name: Gordon M. Greene, PE  
Title: Executive Vice President  
Company: Patel, Greene and Associates, LLC

January 20, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF  
THE STATE OF FLORIDA  
ADDENDUM # 3**

**RFP # 25-421, Professional Engineering Services for Kathleen Rd Widening  
and Extension from Duff Rd to HWY 98**

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This addendum is issued to clarify, add to, revise and/or delete items of the RFP Document for this work. This Addendum is a part of the RFP Document and acknowledgment of its receipt shall be noted on the Addendum.

---

Contained within this addendum: Proposal Receiving Date Extension.

**The Proposal Receiving Date has been extended one (1) week. The revised Proposal Receiving Date is Wednesday, January 28, 2026, prior to 2:00 p.m.**

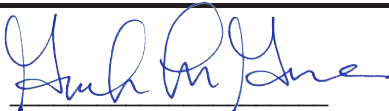
*Addendum 4 is forthcoming. The question period has now closed.*

*Tabatha Shirah*  
Senior Procurement Analyst  
Procurement Division

---

**This Addendum sheet should be signed and submitted with your submittal.**

---

Signature: 

Printed Name: Gordon M. Greene, PE

Title: Executive Vice President

Company: Patel, Greene and Associates, LLC

January 21, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA**

**ADDENDUM #4**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

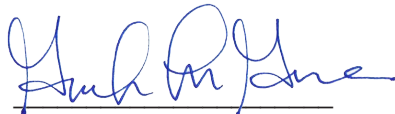
This addendum is issued to clarify, add to, revise and/or delete items of the RFP Documents for this work. This Addendum is a part of the RFP Documents and acknowledgment of its receipt should be noted on the Addendum.

Contained within this addendum: questions and answers.

**Tabatha Shirah**

Senior Procurement Analyst  
Procurement Division

**This Addendum sheet should be signed and returned with your submittal. This is the only acknowledgment required.**



Gordon M. Greene, PE

Executive Vice President

Patel, Greene and Associates, LLC

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**AFFIDAVIT CERTIFICATION  
IMMIGRATION LAWS**

SOLICITATION NO.: RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

POLK COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONSULTANT WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 a(e) {SECTION 274A(e) OF THE IMMIGRATION AND NATIONALITY ACT ("INA").

POLK COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONSULTANT OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(e) OF THE INA. **SUCH VIOLATION BY THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN SECTION 274A(e) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY POLK COUNTY.**

VENDOR ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Patel, Greene and Associates, LLC

Gordon Greene Signature Title Date Gordon Greene, PE, Executive Vice  
President, 01/19/2026

STATE OF: Florida  
COUNTY OF: Hillsborough

The foregoing instrument was signed and acknowledged before me this 20 day of

January 2026, by Gordon Greene who has produced

(Print or Type Name)

Personally Known as identification.  
(Type of Identification and Number)

Madison Schoerner  
Notary Public Signature

Madison Schoerner  
Printed Name of Notary Public



April 8, 2029 #HH661705  
Notary Commission Number/Expiration

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**EMPLOYMENT ELIGIBILITY VERIFICATION E-VERIFY CERTIFICATION**  
(Florida Statutes, Section 448.095)

PROJECT NAME: RFP 25-421, Prof. Eng Svcs for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

The undersigned, as an authorized officer of the contractor identified below (the "Contractor"), having full knowledge of the statements contained herein, hereby certifies to Polk County, a political subdivision of the State of Florida (the "County"), by and on behalf of the Contractor in accordance with the requirements of Section 448.095, Florida Statutes, as related to the contract entered into by and between the Contractor and the County on or about the date hereof, whereby the Contractor will provide labor, supplies, or services to the County in exchange for salary, wages, or other remuneration (the "Contract"), as follows:

- 1. Unless otherwise defined herein, terms used in this Certification which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.
- 2. Pursuant to Section 448.095(5), Florida Statutes, the Contractor, and any subcontractor under the Contract, must register with and use the E-Verify system to verify the work authorization status of all new employees of the Contractor or subcontractor. The Contractor acknowledges and agrees that (i) the County and the Contractor may not enter into the Contract, and the Contractor may not enter into any subcontracts thereunder, unless each party to the Contract, and each party to any subcontracts thereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security's E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of the Contract, and the County may treat a failure to comply as a material breach of the Contract.
- 3. By entering into the Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the Contract. Failure to comply will lead to termination of the Contract, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If the Contract is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If the Contract is terminated for a violation of Section 448.095, Fla. Stat., by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination. The Contractor shall be liable for any additional costs incurred by the County as a result of the termination of the Contract. Nothing in this Certification shall be construed to allow intentional discrimination of any class protected by law.

Executed this 20th day of January, 2026

**ATTEST:**

**CONTRACTOR:**

By: Robin Watson  
PRINTED NAME: Robin Watson  
Its: Vice President/Controller

By: Gordon Greene  
PRINTED NAME: Gordon Greene, PE  
Its: Executive Vice President

### RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

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

375-030-30  
PROCUREMENT  
05/14

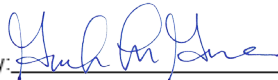
|

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

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

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

Patel, Greene and Associates, LLC  
Name of Consultant

By: 

01/19/2026  
Date

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

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

375-030-33  
PROCUREMENT  
01/24

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

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

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

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

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

Name of Consultant: Patel, Greene and Associates, LLC

By: Gordon Greene, PE Date: 01/19/2026

Authorized Signature: 

Title: Executive Vice President

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

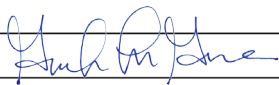
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34  
PROCUREMENT  
02/16

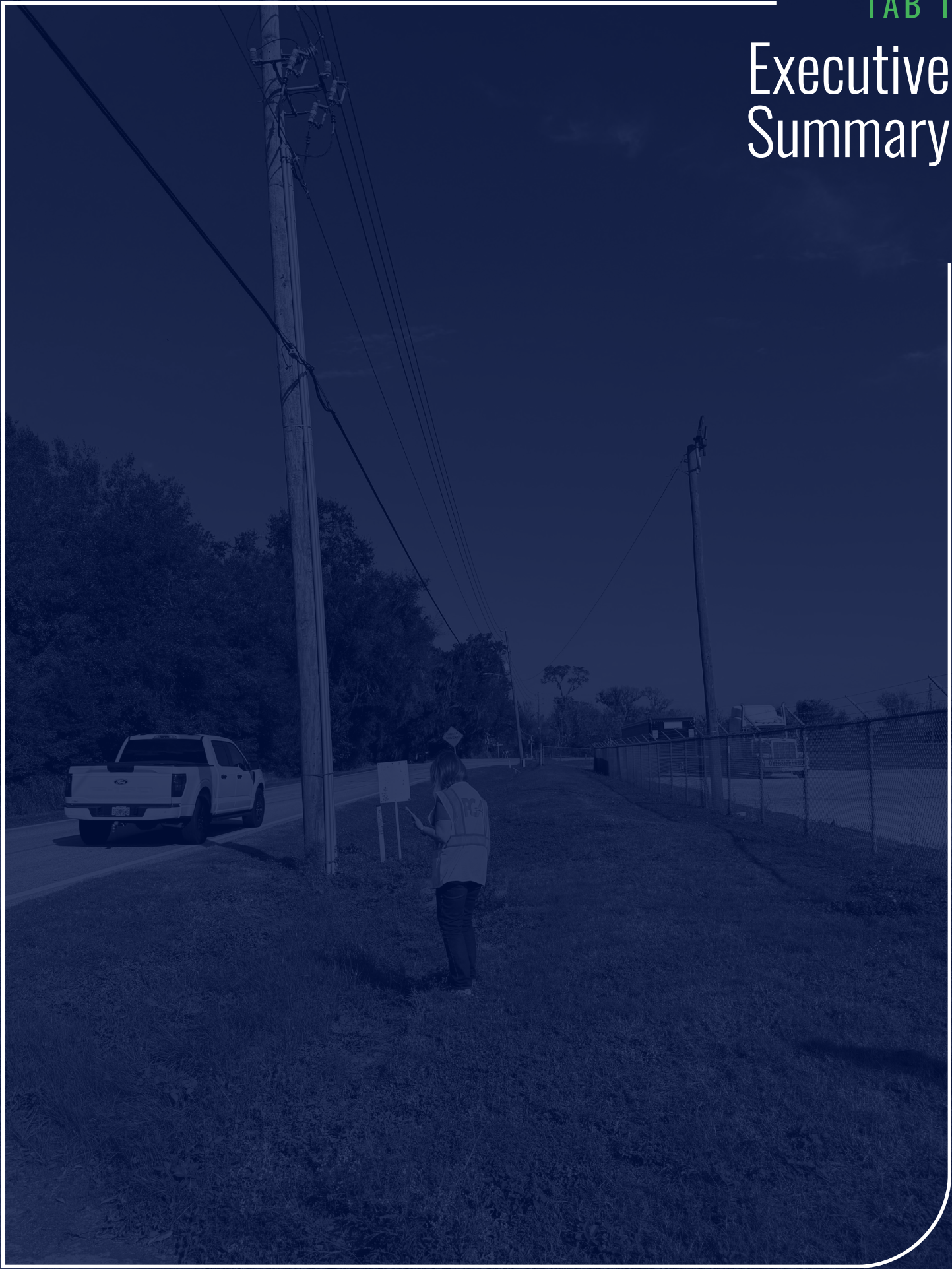
Is this form applicable to your firm?

YES  NO

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

<b>1. Type of Federal Action:</b> a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> a. bid/offer/application b. initial award c. post-award	<b>3. Report Type:</b> a. initial filing b. material change <b>For Material Change Only:</b> Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
<b>4. Name and Address of Reporting Entity:</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____ if known: _____ Patel, Greene and Associates _____ 215 E Main St _____ Bartow, FL 33830  Congressional District, if known: 4c _____		<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> _____ _____  Congressional District, if known: _____
<b>6. Federal Department/Agency:</b> _____ _____	<b>7. Federal Program Name/Description:</b> _____ _____  CFDA Number, if applicable: _____	
<b>8. Federal Action Number, if known:</b> _____	<b>9. Award Amount, if known:</b> \$ _____	
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI): _____ _____	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI): _____ _____	
<b>11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</b>	Signature:  Print Name: _____ Gordon Greene, PE Title: _____ Executive Vice President Telephone No.: 863-533-7317 Date (mm/dd/yyyy): 01/19/2026	
<b>Federal Use Only:</b>		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

# Executive Summary



## — EXECUTIVE SUMMARY

**Project Description:** Professional Engineering Services for Kathleen Rd Widening Project/ FDOT # 452860-2-28-01

**Company Name:** Patel, Greene and Associates, LLC

**Responsible Office:** 215 E Main St, Bartow, FL 33830

**Contact:** Kim Warren  
Kim.Warren@patelgreene.com  
863-533-7317

Work performed for Polk County through our past and current contracts is a highlight of our experience. The diversity of scope we have been able to support the County with has allowed us to demonstrate our broad capabilities and has been a significant factor in PGA's growth and success over the past several years. We look forward to the opportunity to continue our relationship with the County through this contract. Our goal is simple: deliver high-quality deliverables that comply with County, the FDOT PD&E Manual, and NEPA requirements on time and within budget.

Doing business with Polk County is one of the main reasons we opened our first office in Bartow back in 2012. PGA brings extensive prior experience with Polk County and FDOT on this exact type of widening project. We are ready for our next opportunity to perform on this contract and help the County deliver cost-effective solutions to its residents.

As residents of Polk County, we are observing the explosion of development throughout the County. Thoughtful consideration for appropriate and proactive infrastructure improvements is necessary. We are familiar with this area and the surrounding projects, and we look forward to championing this project to the next phases.

### PGA HISTORY

PGA was founded in May 2011 by Hiren Patel, PE, and Gordon Greene, PE. We have grown to over 150 staff (139 full-time employees) since then and continue to grow. However, we are still a centralized, modestly sized firm with the same eagerness to impress and serve our clients. PGA project experience includes roadway, drainage, structures, traffic, environmental services, landscape architecture, and public involvement. We have worked on projects of all sizes, including sidewalk and resurfacing projects, flooding complaints, bridge hydraulics reports, and permitting on roadways within Polk County and for FDOT, major interchange reconstruction projects, bridge widenings, simple single-span bridges to complex multi-span bridges, and various miscellaneous structures. Although PGA began nearly fifteen years ago, many of the PGA staff have worked together for nearly 25 years. We are a cohesive unit, enabling us to deliver projects efficiently and with high quality.

### DISADVANTAGED BUSINESS ENTERPRISE (DBE)

N/A

## WHY PGA

This proposal will clearly demonstrate that the PGA Team is best suited for this contract. We enjoy a great working relationship with the County and are excited about the prospect of continuing to build on that partnership. As part of our exceptional growth, we have had the opportunity to work on several exciting projects, including Project Development and Environment (PD&E) studies for significant projects, and we look forward to bringing this experience to the County. Beyond our technical capabilities, we want to express that PGA is a true Polk County company. Many of our staff are born-and-raised Polk County residents. Most of the 27 staff members in our Bartow office, located minutes away from Polk County offices, have spent nearly their entire lives in Polk County. We know Polk County in a way that other engineering firms cannot, as we live next to and drive county roads daily. Our team knows this corridor extremely well. We understand the unique coordination needs and project challenges, and our team is ready to address them **in a viable Preferred Alternative moving forward into Task 2: Design. We have a strong desire and a vested interest in serving Polk County and its citizens, and we humbly request your consideration in shortlisting PGA.**

# *State of Florida Department of State*

I certify from the records of this office that PATEL, GREENE, AND ASSOCIATES, LLC is a limited liability company organized under the laws of the State of Florida, filed on May 11, 2011.

The document number of this limited liability company is L11000055519.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on February 8, 2025, and that its status is active.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Eighth day of February, 2025*



A handwritten signature in black ink, appearing to be "C. J. Scott", written over a horizontal line.

*Secretary of State*

Tracking Number: 2414723562CC

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

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



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



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

**BOARD OF PROFESSIONAL ENGINEERS**

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE  
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**PATEL, GREENE, AND ASSOCIATES, P.L.L.C.**

215 EAST MAIN STREET  
BARTOW FL 33830

**LICENSE NUMBER: CA29562**

**EXPIRATION DATE: FEBRUARY 28, 2021**

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

**From:** Katherine Anderson <KAnderson@fbpe.org>  
**Sent:** Wednesday, February 24, 2021 3:43 PM  
**To:** Robin Watson <Robin.Watson@patelgreene.com>  
**Subject:** RE: Renewing Engineers License for Company

**CAUTION: This email originated from outside the organization. Use caution with links and attachments.**

Firms are no longer required to be renewed. As of October 1, 2019 Certificate of Authorization licenses are now referred to as firm registrations. Firm registrations never expire, there will never be fees due, and there are no longer any physical documents available. There is no license to print as it is no longer a license; just a registration. Once on the registry, your firm will remain "current" as long as it is qualified by a PE until you request to have it closed.

**Katherine Anderson**  
Digital Records & Records Management Administrator



2639 North Monroe Street, Suite B-112  
Tallahassee, FL 32303  
Phone: 850.521.0500 ext. 110  
Fax: 850.521.0521  
Email: [kanderson@fbpe.org](mailto:kanderson@fbpe.org)  
[www.fbpe.org](http://www.fbpe.org)

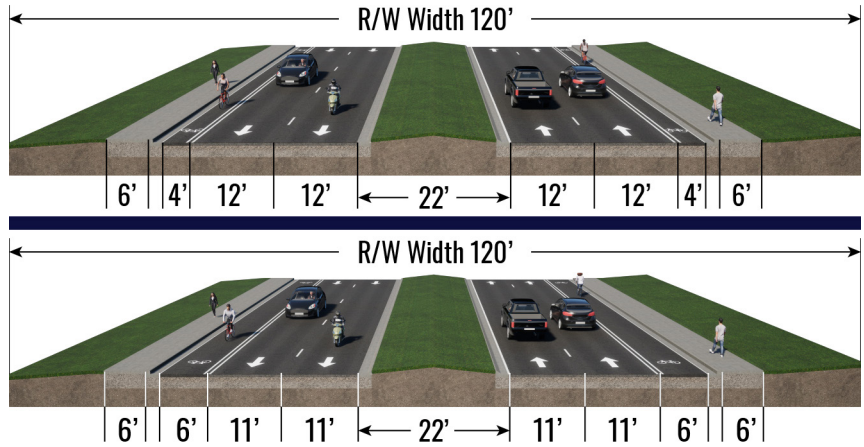
# Approach to Project



## — PGA'S APPROACH

We will approach the Project Development and Environment (PD&E) Study with a goal of completing detailed design and environmental considerations, resulting in a preferred alignment and approval of the National Environmental Policy Act (NEPA) document, which is anticipated to be a Type 2 Categorical Exclusion (CE), by the FDOT Office of Environmental Management (OEM). The objective is to refine the proposed widening and extension of Kathleen Rd to develop an optimized viable alternative that meets identified project needs driven by projected growth, improved freight mobility, and local connectivity while minimizing environmental, cost, and community impacts.

The Alignment Study will determine a preferred alternative in accordance with County requirements, FDOT Design Manual (FDM), and the FDOT PD&E Manual, at a minimum, to meet federal NEPA requirements, and produce preliminary (15%) Line & Grade plans for the preferred alternative. PGA's Local Agency Program (LAP) Specialist previously worked at FHWA overseeing Florida's LAP program and is a founding member of the LAP Community of Practice. The PGA Team has extensive experience completing LAP PD&E studies, working with FDOT District One (D1), and assisting with OEM coordination, removing any learning curve for submittals. All engineering and environmental technical evaluations and documentation to support the Type 2 CE will be completed, specifically noting the Corridor Alignment Report and/or Preliminary Engineering Report (PER), Cultural Resource Assessment Survey (CRAS) report, and Natural Resources Evaluation (NRE) report, since these documents require specific agency reviews and approvals before approval of the Type 2 CE.



— Typical section alternatives

For the Widening section, we will evaluate left, right, and center alignments, documenting impacts of each. We will further segment the project within the Widening section so that a hybrid alignment can be easily identified, if appropriate, as the optimal alignment for cost savings and reduced impacts. For the Extension section, we have identified four potential alignments: three connecting to US 98 at the Rock Ridge Rd intersection and one connecting at the Old Dade City Rd intersection. These alignments are depicted on page 5.

**Typical Section Analysis:** We understand that the intent is to use the typical section and design speed of 45 mph from the prior Kathleen Rd widening project south of Duff Rd, which calls for four 12-ft lanes, 4-ft bike lanes, and 6-ft sidewalks. This section generally meets minimum FDM standards, except for the proposed 4-ft bike lanes, which would require a design variation. PGA recommends the County consider a slight modification to this typical by reducing the lane widths to 11 ft, allowing for 6-ft buffered bike lanes within the same total width. This typical would increase safety for bicycles with the anticipated increase in traffic, and could be extended south of Duff Rd during the next resurfacing cycle, allowing for a 6-ft buffered bike lane as far south as Galloway Rd. Travel lanes could be widened at horizontal curves in the extension section to accommodate large trucks. A design variation would still be required as the 7-ft buffered bike lane would not be met, but we would be closer to desired criteria.

## MANAGEMENT

A clear project management plan, two-way communication, and responsiveness will be key to the project's success. PGA understands the importance of keeping the County's PM informed to avoid surprises.



Our proposed Project Manager, **Kim Warren**, is located in our Bartow office, just minutes away from Polk County's offices. She will serve as the primary point of contact for the County and will be available when needed. Kim's experience includes managing LAP projects for both FDOT and local municipalities, such as the Tenoroc Trail PD&E for the City of Lakeland.



Our Deputy Project Manager, **Jonathan Jones, PE**, has 14 years of experience that includes serving as roadway EOR and project manager for Polk County, most recently on the Spirit Lake Rd at Sheffield Rd Roundabout project that included an alternatives evaluation process.

Kim and Jonathan will be supported by other PGA staff members from several related disciplines, as well as a team of expert partners from Kimley-Horn, Element, Quality Counts, Test Lab, and SEARCH, for production and environmental compliance. Regularly scheduled meetings will be initiated at Notice to Proceed with PGA team members to identify and communicate assignments with associated timelines. PGA utilizes this communication strategy on other Polk County projects, such as the W Pipkin Rd Widening, effectively documenting all project-related issues and resolutions. We understand the importance of maintaining consistent, clear communication.

## Understanding of the Project

### Goals:

- Increase capacity for expected development
- Increase safety by reducing congestion, managing access, and incorporating optimal intersection control
- Extend Kathleen Rd to create a new connection further north on US 98 to give trucks a viable alternative route to US 98
- Comply with LAP funding, schedule, and NEPA requirements

### Risks:

- Right-of-way impacts
- Environmental impacts
- Stakeholder engagement (i.e. FDOT, Cypress Lakes Village residents)

**Alignment Study:** For the purposes of this proposal, the project can be segmented into the Widening section (from Duff Rd to W Socrum Loop Rd) and the Extension section (from W Socrum Loop Rd to US 98).

## — ABILITIES OF TEAM

### ENGINEERING

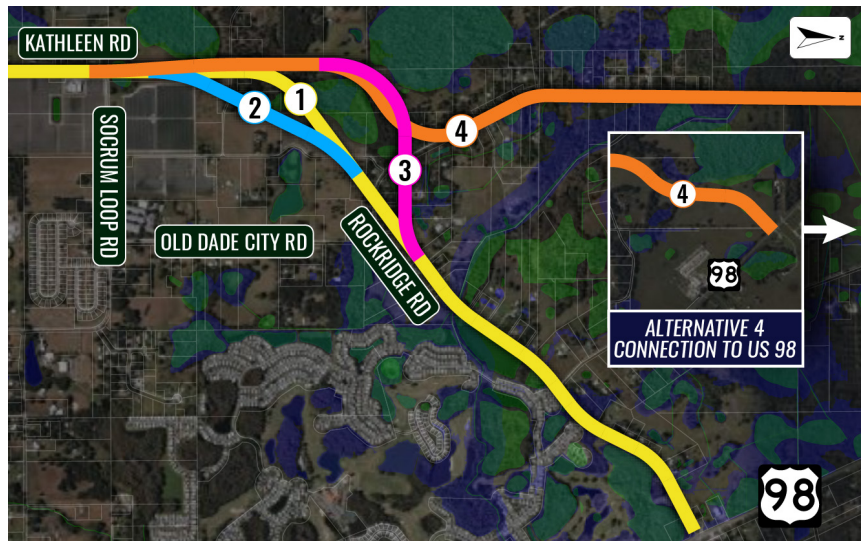
**Traffic Analysis:** Kimley-Horn (KH) will lead the traffic analysis, having extensive experience with the D1 Regional Traffic Model, Intersection Control Evaluation, FDOT PD&E requirements, and the Polk TPO Long Range Transportation Plan. KH staff recently completed the Project Traffic Analysis Report for the Thompson Nursery Rd project, a similar two-lane-to-four-lane widening/extension. Our relationships and experience with D1 staff will be an asset in ensuring the timely completion and acceptance of our traffic reports.

**Safety:** PGA reviewed Signal Four crash data for the five-year period from October 2020 to September 2025. A total of 106 crashes were reported, fifty four were reported at intersections and the top three reported types were left turn (18), rear end (10), and angle (6) collisions. Of the total reported crashes, there were two serious injury crashes, one at the intersection at W Campbell Rd and a head-on collision that occurred at a mid-block location. One fatality occurred on Rockridge Rd when a motorcyclist failed to negotiate a curve. Two bicycle/pedestrian crashes occurred in dark, unlit conditions. Stop control measures, including roundabouts, will be evaluated at the six identified intersections. The addition of wider lanes and medians can reduce the number of sideswipe and mid-block crossing crashes. The addition of bicycle lanes and sidewalks will enhance the safety of non-motorized users.

**Roadway:** Our goal for both the widening and extension of Kathleen Rd is to propose the most cost-efficient solution while minimizing and avoiding environmental constraints. To do this PGA has preliminarily evaluated geotech data, parcel, wetland, flood plain, and utility impacts and developed potential alignment options. Widening alternatives to both sides of the roadways will be evaluated. Wetlands and floodplains occur on both sides of existing Kathleen Rd and Rockridge Rd. For Kathleen Rd, consideration will be given to relocation impacts versus wetland and flood plain impacts. The South side of Rockridge Rd holds more wetland and floodplains than the North as well as overhead utilities, while parcel impacts and developments will be closely evaluated along the North side. Additional considerations along Rockridge Rd such as existing ponds, Cypress Lakes Village golf course, the Circle K at the US 98 intersection, and the need to reconfigure horizontal curves to meet current criteria will be reviewed to determine the most cost efficient alignment. For the proposed extension (see figure at the top of the page), in addition to the County's alternative (1), we looked at other possible options (2, 3) to further minimize wetland, floodplain and property impacts. Preliminary analysis indicates that option 3 minimizes wetland impacts and avoids relocations. Although widening Old Dade City Rd was previously dismissed, a re-look is recommended (option 4), as preliminary review suggests widening to the east may result in fewer wetland impacts and relocations than widening Rockridge Rd.

**Access Management:** We will optimize access management criteria for safety while minimizing impacts to the residents and businesses that will be affected by the divided median.

**Geotechnical:** The soils along the corridor are generally sandy, but there are sizable pockets of organic material (muck) between 2.5-6 ft deep. Likewise, the seasonal high groundwater table varies between the ground surface and 6 ft deep. The karst topography of this area of the County makes the corridor susceptible to sinkholes.



— Kathleen Rd Extension Alternatives

We recommend some additional geotechnical investigation during the Alignment Study to better define these potentially costly factors and mitigate some risk ahead of design.

**Drainage/Permitting:** The project lies within the jurisdictional boundary of the Southwest Florida Water Management District (SWFWMD) and traverses through WBIDs 1454 (Fox Branch), 1470 (Wild Boar Creek), and 1483 (Bald Eagle Creek). The new performance criteria, adopted on June 28, 2024, significantly increases the required treatment volume, which is exacerbated by the impaired WBID (1483) and downstream OFW (Hillsborough River). PGA has a unique perspective since we assisted FDOT prior to the new rule's implementation to identify how the criteria would impact new stormwater facilities, and it was determined that wet detention ponds cannot meet the new criteria alone. We will consider BAM, low impact design pre-treatment, the shallow seasonal high-water levels, and regional stormwater alternatives to optimize the use of proposed pond sites. Cross drains will be analyzed to ensure flood stages are not impacted by the proposed improvements, as well as the transverse crossing of the FEMA Regulatory Floodway (Fox Branch) on Rockridge Rd. We recommend a preliminary base clearance evaluation to determine if the high groundwater will require the profile grade to be raised for the existing roadway or consequent pavement design changes which could increase project costs. When the project moves into the design phase, it is anticipated to require an ERP from the Southwest Florida Water Management District and a Standard 404 Permit from the U.S. Army Corps of Engineers.

**Utilities:** Conflicts with the identified UAOs will be minimized and/or avoided, where possible. Element staff are well-versed in FDOT and Polk County policies and procedures, having successfully completed utility coordination for the W Pipkin Rd widening construction project. They understand the necessity to provide timely utility coordination, and bring established relationships with Lakeland Electric, Polk County Utilities, and Polk County Project Management, to name a few. Lakeland Electric distribution is anticipated to have the most relocation activities, as it has a major distribution feeder line that runs most of the project's limits.

### ENVIRONMENTAL

**Wetlands/Protected Species:** Numerous adjacent wetlands occur along existing Kathleen Rd, the proposed extension, and Rockridge Rd. Wetland impacts will be unavoidable; however, will be minimized as part of the alternatives development and can be mitigated through several available mitigation banks. Suitable habitat is available for several federal and state-protected species, most notable the federally-listed sand and blue-tail mole skinks and crested caracara, as well as state-protected bat species. One bald eagle nest (PO901) is located within 660 ft of Kathleen Rd. Any required surveys will be conducted after coordination with the FDOT and the USFWS and can be accommodated within the proposed schedule. PGA successfully completed surveys and agency coordination for FDOT's Central Polk Pkwy extension from US 17 to SR 60.

### PUBLIC INVOLVEMENT

There is potential for controversy due to the restriction in access for residents and businesses along existing Kathleen Rd and the extension. We also expect the Cypress Lakes community to be a vocal stakeholder, especially with respect to alignments that run adjacent to their golf course. We recommend a Public Information Workshop prior to selecting a preferred alternative, followed by a Public Hearing once a preferred alternative has been selected. KH will lead these efforts, leveraging the recent experience they gained from their Thompson Nursery Rd Alignment Study.

## — QA/QC PROGRAM

Producing quality work products is the number one priority at PGA. PGA is committed to providing the County with a high-quality Master Plan that exceeds your expectations. Our staff is committed and will produce quality work aligned with our core business principles of Integrity, Commitment, and Excellence.

**Gordon Greene, PE** will serve as the QA/QC team leader for this project. Before any deliverable leaves our office, it goes through a Five-Step Quality Control Process. This process enables a consistent approach used by staff across all eight of our offices, ensuring our clients always receive the same level of quality. Regular training for staff is conducted and new staff members are promptly trained on how to implement our quality control processes in the work they perform.

**Gordon will supervise the QA/QC process for the entire project, ensuring that PGA's rigorous 5-Step QC process, outlined below, is followed by all team members:**

- 1. Ready for QC:** The document is complete and submitted for internal QC review by the Lead Technical Professional (LTP) after an internal peer review.
- 2. QC Review:** QC reviewer (QCR) confirms that the document meets the requirements of the RFP and scope requirements, in addition to meeting all applicable standards.
- 3. Concurrence:** The QCR and LTP meet and discuss all review comments and agree on those to be incorporated.
- 4. Changes Made:** The LTP incorporates all applicable comments into the document.
- 5. Changes Verified:** The QCR confirms that all applicable changes have been incorporated. Our QC reviews will be made by individuals that are independent from the Master Plan to provide a "fresh set of eyes" and ensure that our internal reviews are the most useful in reducing errors. We also review all our plans and designs for constructability and biddability, so we can be confident that the County will receive the most competitive bids.

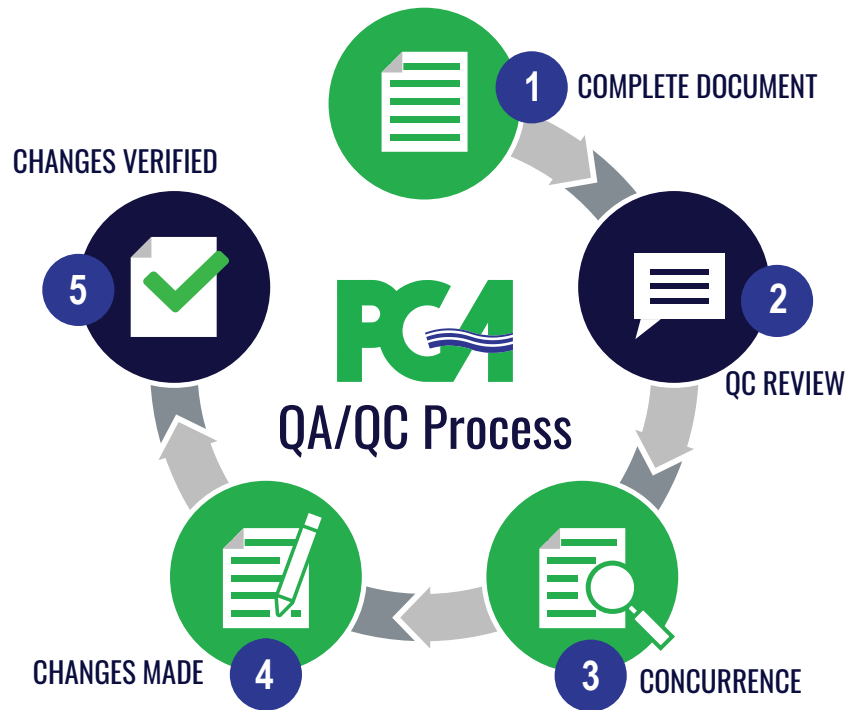
Following completion of the QC process, Gordon will perform a final QA review to ensure that the QC process has been carried out as intended and that all PD&E documents represent PGA's highest and best effort.

It is the goal of PGA that all operating units will learn and practice the principles of continuous quality improvement. All PGA employees are expected to:

- Identify quality problems and/or opportunities to improve operational processes
- Initiate, recommend, or provide solutions
- Assist in the implementation of corrective, preventative, or improvement measures






Managers are responsible for:

- Routinely discussing continuous quality improvement opportunities with employees
- Encouraging employees to engage in the continuous quality improvement Process
- Support and encouraging the creation of continuous quality improvement Teams.
- Sharing improvements with other units



This is a screenshot of a 'Preliminary Engineering Report (PER) QA/QC Checklist' from March 2023, WORD version. It includes fields for Project Name, FM#, Project Limits, Consultant, Reviewer, and Date. There are checkboxes for 'DEM QC Complete' and 'DEM Engineer QA Complete', each with a date field. A legend indicates responsibility: Green for DEM Responsibility, Blue for CIV Responsibility, and Orange for Both.

This is a screenshot of a 'Type 2 Categorical Exclusion QA/QC Checklist' from May 2022. It includes fields for Project Name, FM#, Project Limits, Consultant, Reviewer, and Date. There are checkboxes for 'DEM PDC QA Complete' and 'DEM Engineer QA Complete', each with a date field. A legend indicates responsibility: Green for PDC Responsibility, Blue for Engineer Responsibility, and Orange for Both. A note at the bottom states: 'The purpose of this guidance is to facilitate the preparation of quality Type 2 Categorical Exclusions (CEs). This guidance is applicable to Florida Department of Transportation (FDOT) District and consultant preparers and Quality Control (QC) reviewers of Type 2 CEs. This guidance covers common QC items but is not intended to be all inclusive. The preparer will comply with the requirements set forth in Part 1, Chapter 5 (Type 2 Categorical Exclusion) of the Project Development & Environment (PDAE) Manual and all other applicable chapters of the PDAE Manual. Information to include in each section is found in the PDAE Manual chapter referenced next to each section heading.'

PROJECT MILESTONES		2026												2027												2028											
		A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D			
PD&E	Notice to Proceed																																				
	Field Review/Data Collection	May 2026-Aug 2026																																			
	Develop/Evaluate Alignment Alternatives	July 2026-Mar 2027 																																			
	15% Line & Grade													Mar 2026-May 2026																							
	Environmental Evaluation													Oct 2026-Apr 2027																							
	Public Meetings																																				
	PD&E Documentation/Approval													Nov 2026-Sept 2027 																							
Public Involvement													June 2026-Sept 2027																								
DESIGN	Survey													Dec 2026-Feb 2026																							
	60% Plans													June 2026-Oct 2027																							
	R/W Acquisition																									Nov 2027-Nov 2028											
	Permitting																									Nov 2027-Nov 2028											
	Utility Coordination																									Nov 2027-Nov 2028											
	90% Plans																									Nov 2027-June 2027											
	Final Plans & Specifications																									July 2028-Dec 2028											

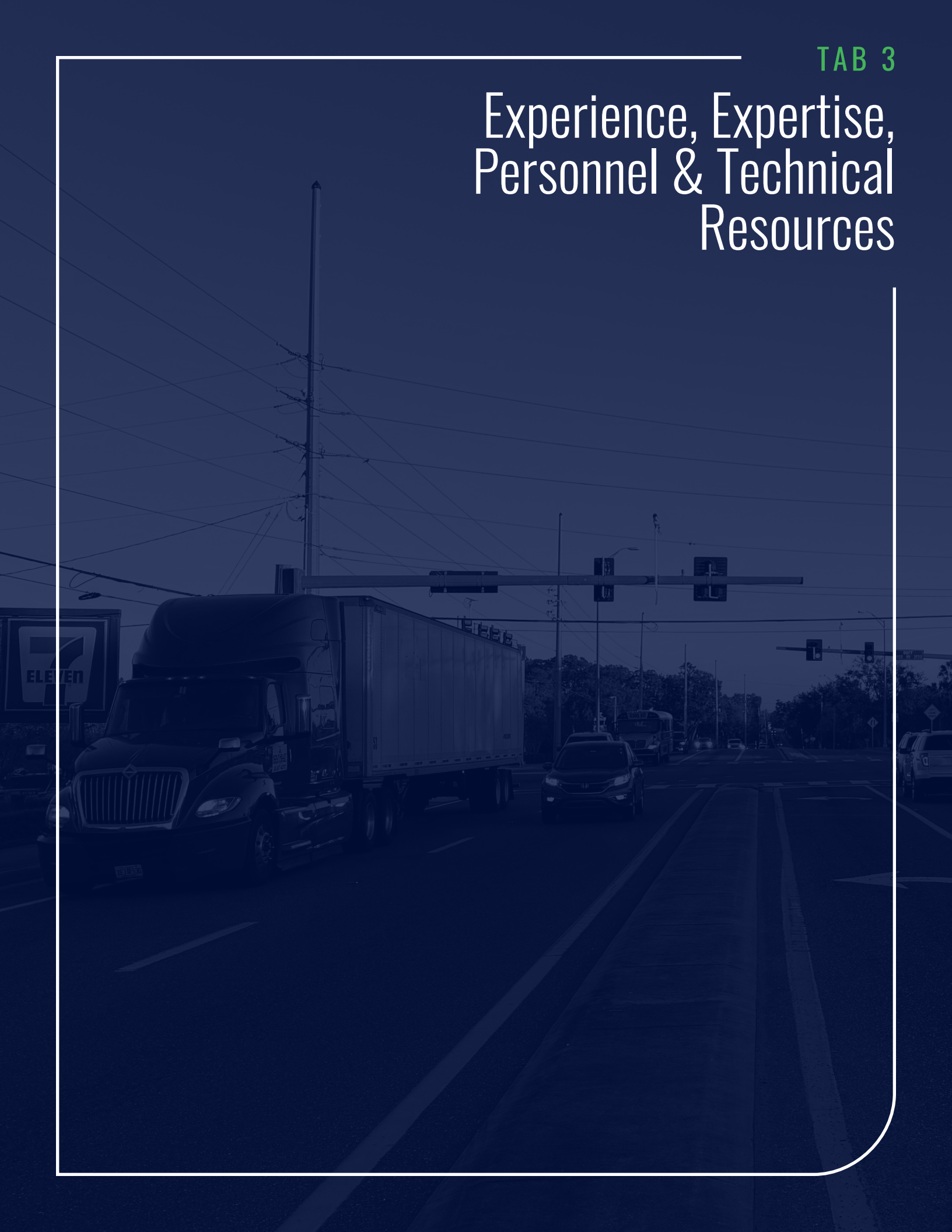
**SCHEDULE**

Kim Warren will work closely with County staff to develop a detailed schedule in accordance with the negotiated scope which clearly identifies critical path tasks and will monitor closely ensuring it is maintained and to identify any unforeseen risks early and provide a solution to keep the schedule on track. Our schedule includes County and FDOT review times as well as required agency reviews. If needed, the PGA team has the staff and availability to expedite the schedule. We understand the importance of maintaining consistent, clear communication with Polk County PM **Bill Lorenzo, PE**. Kim will establish a communication cadence with Bill to provide project status updates and to have proactive discussions about next steps aligned with the project's needs for subsequent phases.



**KEY**

-  Study Begins (May 5, 2026)
-  Public Meeting (Oct 2026)
-  Preferred Alternative (Nov 2026)
-  Public Hearing (Feb 2026)
-  Approval (Sept 2027)

# Experience, Expertise, Personnel & Technical Resources



## W PIPKIN RD WIDENING

<b>Name</b>	W Pipkin Rd from Medulla Rd to Dossey Rd and from Dorman Rd to S Florida Ave (SR 37)
<b>Location</b>	Lakeland, FL
<b>Project Size:</b>	2.5 Miles
<b>Construction Cost:</b>	\$41,926,862
<b>Project Rep.:</b>	Jay Jarvis, PE  JayJarvis@polk-county.net  863.535.2239 3000 Sheffield Rd, Winter Haven, FL 33830
<b>Completed:</b>	April 2021 (Design)
<b>Original Budget:</b>	\$993,506
<b>Final Budget:</b>	\$2,293,382
<b>Responsibility:</b>	Prime



### PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

PGA worked closely with Polk County on W Pipkin Rd to increase capacity while accommodating all users for two separate segments: 1) from Medulla Rd to Dossey Rd and 2) from Dorman Rd to SR 37. The first (west) segment widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The second (east) segment widened W Pipkin Rd from a two-lane to a three-lane facility, improving access management and providing a sidewalk on the south side and accommodating the ultimate five-lane typical section. The design for this project included a large pond (SMF 14-2) that was optimized by lowering the control elevation without a liner. The additional capacity generated in this pond serves as surge capacity for Poley Creek. A groundwater model was developed to demonstrate no adverse impacts to adjacent wetlands resulting from the lowered control elevation. The design for this project also included diversion structures in different locations to allow high flow storm events to "pop off" to adjacent basins and balance the hydraulic grade lines for better flood protection.

PGA led the roadway, drainage, environmental, and structures design for the project.

#### Change Orders and Time Extensions:

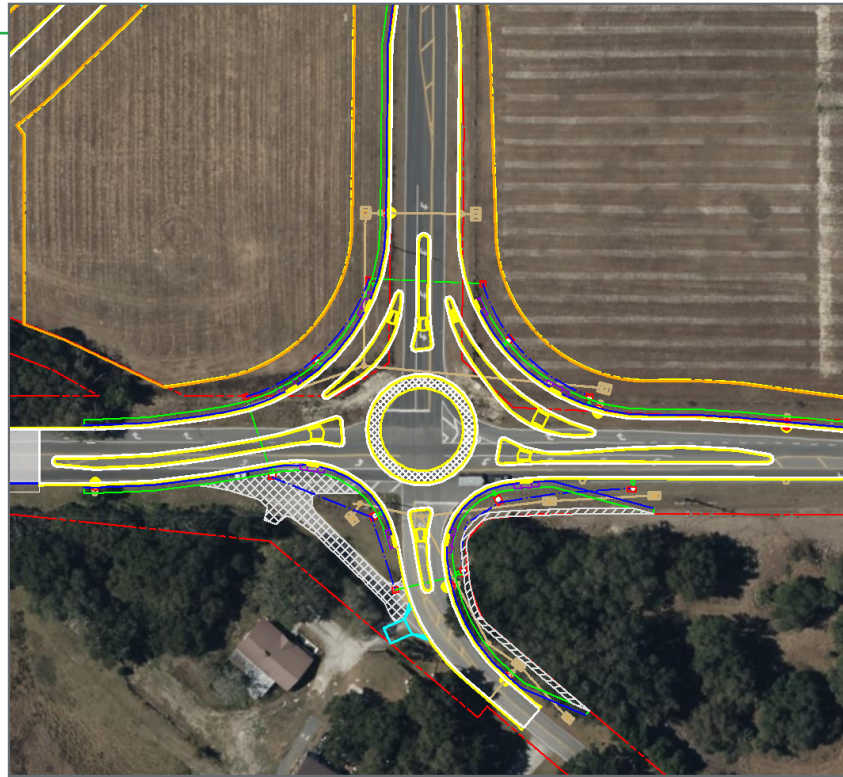
There were six amendments to the design contract, resulting in a difference between the original and final budget. These amendments were necessary to accommodate significant changes in the design scope and most recently for post-design services. No time extensions were required.

#### Key Staff:

- Gordon Greene, PE (Project Manager, Roadway/Drainage EOR)
- Tim Polk, PE (Drainage QC)
- Terry Cartwright (Lead Environmental Scientist)
- Igon Kratser, PE (Test Lab; Geotechnical EOR)

## SPIRIT LAKE RD ROUNDABOUT

- **Name** Spirit Lake Rd at Old Bartow Eagle Lake Rd and Sheffield Rd Intersection Improvements
- **Location** Winter Haven, FL
- **Project Size:** 2,200 ft along Spirit Rd
- **Construction Cost:** \$5,562,615
- **Project Rep.:** Jay Jarvis, PE  
 ✉ JayJarvis@polk-county.net  
 ☎ 863.535.2239  
 3000 Sheffield Rd, Winter Haven, FL 33830
- **Completed:** Ongoing
- **Original Budget:** \$513,845
- **Final Budget:** Ongoing
- **Responsibility:** Prime



## PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

The scope of this project is to provide a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd in Winter Haven. Old Bartow Eagle Lake Rd, west of the intersection, is to be realigned to tie-into Sheffield Rd to create a single intersection. This project includes roadway, drainage, environmental, structures, lighting and signing, and pavement marking efforts. Right-of-way (R/W) is to be acquired as part of this project. An intersection alternatives study was previously completed by PGA prior to the current design phase. Multiple intersection alternatives were provided to Polk County for their consideration. Drainage analysis, traffic analysis, environmental impacts, and R/W impacts were reviewed and documented for each alternative. The single-lane roundabout with bypass lanes was selected as the preferred alternative to move into the current design phase.



### Change Orders and Time Extensions:

N/A

### Key Staff:

- Jonathan Jones, PE (Project Manager & Roadway EOR)
- Gordon Greene, PE (Principal-in-Charge & QA/QC Manager)
- Susan Durrance (Environmental)
- Tim Polk, PE (Drainage QC)
- Terry Cartwright (Lead Environmental Scientist)
- Johnny Fung, PE (Structures EOR)
- Joanna Martinez (Traffic Designer)
- Geraldo Sanchez, PE, PTOE (Traffic EOR)

## SR 37 RECONSTRUCTION

<b>Name</b>	SR 37 Reconstruction from Ariana St to Lime St
<b>Location</b>	Lakeland, FL
<b>Project Size:</b>	1.028 Miles
<b>Construction Cost:</b>	\$17,479,121
<b>Project Rep.:</b>	Jobin Abraham  Jobin.Abraham@lakelandgov.net  863.535.2285 228 S Massachusetts Ave, Lakeland, FL 33801
<b>Completed:</b>	Ongoing
<b>Original Budget:</b>	\$1,899,969
<b>Final Budget:</b>	Ongoing
<b>Responsibility:</b>	Prime



### PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

PGA is the prime consultant providing roadway, drainage, TTCP, SAPM, signals, lighting, ITS, structures, environmental, and landscape architecture services. This project proposes to reconstruct existing sidewalk, curb, and remove traffic separators throughout the project limits. A three-lane typical section will be established with 11-ft travel lanes and an 11-ft wide two-way left turn lane. The curb line will be pulled out to establish an 11.5-ft sidewalk along both sides of the corridor. The existing drainage system shall be replaced and all traffic signals and mast arms will be updated to meet current FDOT standards. Decorative hardscape, paver treatments, and decorative lighting are also included within the project to improve corridor aesthetics, buffer pedestrians from motorized traffic, provide a well-lit/shaded walking environment, and to control vehicle speeds.

PGA leads the roadway, drainage, environmental, and structures design for the project.

#### Change Orders and Time Extensions:

N/A

#### Key Staff:

- Amber Lewis (Project Manager)
- Joe Lauk, PE (Principal-in-Charge & QA/QC Manager)
- Adam Perez, PE (Roadway QC)
- Doug Williams, PE, PTOE (SAPM, Signals & Lighting QC)
- Tim Polk, PE (Drainage QC)
- Geraldo Sanchez, PE, PTOE (SAPM & Signals EOR)
- Terry Cartwright (Lead Environmental Scientist)
- Connie Johnson-Gearhart, PE (Test Lab; Geotechnical EOR)

## SR 78 PD&E

<b>Name</b>	SR 78 Widening PD&E from Veterans Pkwy to W of US 41
<b>Location</b>	Cape Coral
<b>Project Size:</b>	9.2 Miles
<b>Construction Cost:</b>	\$128,622,473
<b>Contact:</b>	David Turley, PE david.turley@dot.state.fl.us 863.519.2255 801 N Broadway Ave, MS 1-6, Bartow, FL 33830
<b>Completed:</b>	Ongoing
<b>Original Budget:</b>	\$2,023,626
<b>Final Budget:</b>	Ongoing
<b>Responsibility:</b>	Prime



### PROJECT DESCRIPTION AND THE NATURE OF PGA'S RESPONSIBILITIES

This project involves capacity, operational, and multimodal improvements to SR 78 extending approximately 9.2 miles from Veterans Pkwy to west of US 41, through the City of Cape Coral. SR 78 is a main east-west transportation corridor and links Pine Island to the mainland of Lee County. It includes extensive local government and stakeholder coordination. PGA is the prime consultant leading PD&E, roadway, drainage, and environmental efforts.

#### Change Orders and Time Extensions:

N/A

#### Key Staff:

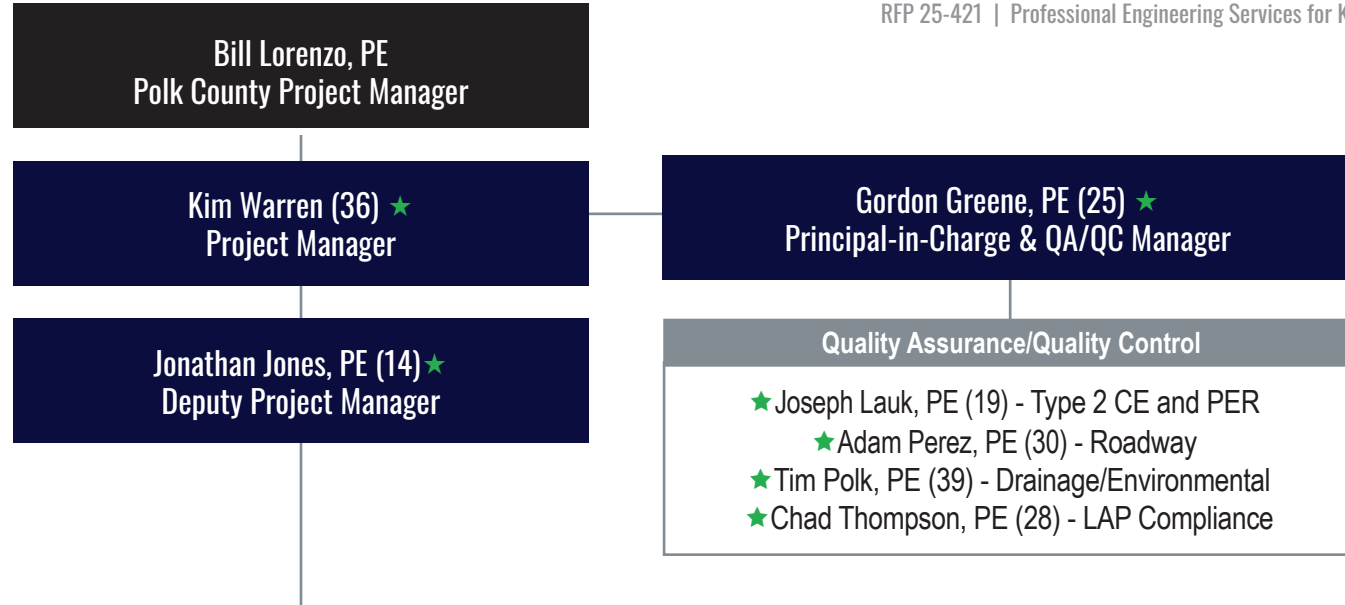
- Kim Warren (Project Manager)
- Gordon Greene, PE (Principal-in-Charge & QA/QC Manager)
- Joe Lauk, PE (PER QC)
- Alayna Delgado, AICP (PD&E)
- Manny Monreal, PE (Drainage Lead)
- Terry Cartwright (Lead Environmental Scientist)
- Vischal Persaud, PE, PTOE, RSP1 (Traffic)



FPID 455879-1-22-01 | RPS 25-421  
Professional Engineering Services for  
Kathleen Rd Widening Project

# Organization Chart

Polk County



## PUBLIC INVOLVEMENT

### Public Meetings/Newsletters/Presentations

- Michael Garau, PE (24) - **KHA** ★
- Cris Schooley, PE, AICP (17) - **KHA**
- Marc Ispass, AICP (12) - **KHA**
- Evan Magley, AICP (7) - **KHA**

### GIS and Graphics

- Mary Stallings Weber (29)
- Ryan Wenger, AICP (9)
- Ryan Tyrrell (15)

## ENVIRONMENTAL

### Type 2 Categorical Exclusion

- Kim Warren (36) ★
- Alayna Delgado, AICP (7) ★

### Wetlands/Water Quality/Permitting/Wildlife/ Contamination

- Terry Cartwright (28) ★
- Susan Durrance (22) ★
- Andrew Harris (7)
- Sarah Johnson (24) - **KHA** ★

### ETDM/Sociocultural Effects

- Tori Bacheler (13) - **KHA** ★
- Lucas Cruse, AICP (22) ★
- Alayna Delgado, AICP (7)

### Noise

- Tad Hardy, PE (13) - **KHA** ★
- Marc Ispass, AICP (12) - **KHA**

### Cultural/Historical Resources

- Matt Nowak (9) - **SEA** ★
- Anna Supahanniam (7) - **SEA**

### GIS/Mapping Coordination

- Mary Stallings Weber (29)
- Ryan Wenger, AICP (9)

## ENGINEERING

### PER/Alternatives Development/Design Plans/MOT

- Jonathan Jones, PE (14) ★
- Amber Lewis (11)
- Megan Miller, PE (7)

### Drainage/LHR/PSR/WQIE

- Manny Monreal, PE (18) ★
- Sean Siwiecki, PE (11)
- Chao Ye, EI, PhD (1)

### Structures

- Tommy Peake, PE (24) ★
- Spencer Baker, PE (10)

### Safety/Access Management/Traffic Support

- Vischal Persaud, PE, PTOE, RSP1 (12) ★
- Geraldo Sanchez, PE, PTOE (19)

### Traffic Analysis/PTAR

- Mike Woodward, PE (21) - **KHA** ★
- Michael Haddad, PE (21) - **KHA**

### Context-Sensitive Design

- Lucas Cruse, AICP (22) ★
- Katie Habgood, AICP (22)

### Traffic Counts

- Rodrikas Jones (18) - **QCL** ★
- Alfredo Suarez (15) - **QCL**

### Utility Coordination

- Brent Postma (16) - **EEG** ★
- Kyle McDowell (6) - **EEG**

### Geotechnical

- Igon Kratser, PE (22) **TLI** ★
- Connie Johnson-Gearhart, PE (25) **TLI**

### Survey/SUE

- Bryan Flynn, PSM (9) - **EEG** ★
- Ned Connolly, PSM (20) - **EEG**

### Landscape Architecture

- Emilyvette DeGaetano, PLA, ISA (21) ★
- Abdias Dalisma, PLA, ISA (10)

- ELEMENT Engineering Group, LLC - **EEG**
- Kimley-Horn & Associates, Inc. - **KHA**
- Quality Counts, LLC - **QCL**
- SEARCH, Inc. - **SEA**
- \*Test Lab, Inc. - **TLI**

- \* - Certified SBE
- (XX) - Years of Experience
- ★ - Key Staff Resume Included



## Project Assignment

Project Manager

## Availability

70%

## Education

B.S., Biology, Florida Southern College, 1989

## Work Experience

Patel, Greene and Associates  
2023 - Present

RK&K  
2016 - 2023

Atkins  
2002 - 2016

HDR  
2000 - 2001

FDOT District One  
1992 - 2000

Polk County Board of County Commissioners  
1990 - 1992

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
kim.warren@patelgreene.com

\*Experience prior to joining PGA

# KIM WARREN

## PD&E Group Leader

Kim Warren is the PD&E Group Leader with Patel, Greene and Associates (PGA) and possesses over 36 years of transportation experience at the state and local levels with extensive knowledge of local, state, and federal processes. She has years of management experience, contract accounting, project-related presentations, and coordination with government agencies. She continually works with ERC reviews, documentation and approvals through SWEPT, ETDM, and PSEE scheduling.

## Experience

**SR 78 from Veterans Pkwy to W of US 41, PD&E, Lee County, FL, FDOT District One, Project Manager:** This project involves capacity, operational, and multimodal improvements to SR 78 extending approximately 9.2 miles from Veterans Pkwy to west of US 41, through the City of Cape Coral. SR 78 is a main east-west transportation corridor and links Pine Island to the mainland of Lee County. It includes extensive local government and stakeholder coordination. PGA is the prime consultant leading PD&E, roadway, drainage, and environmental efforts. Kim is responsible for administrative and technical oversight for this study. **Project Size: \$2M**

**\*Tenoroc Trail Segment One PD&E Study from Lake Crago Dr to SR 33 at Old Combee Rd (LAP), Polk County, FL, City of Lakeland, Project Manager:** Kim was responsible for administrative and technical oversight for this study to evaluate a 12-ft-wide asphalt multi-use trail with trailheads following the general path of Lake Crago Dr through the City of Lakeland's Lake Crago Park and the Florida Fish and Wildlife Commission's (FWC) existing Tenoroc Public Use Area (PUA) access road. The proposed 2.5-mile trail was intended to address an existing gap in the regional trail network between Lakeland and Auburndale/Polk City and to become part of the Florida Greenways and Trails System, providing significant recreational and social opportunities for residents and visitors, connecting the communities and existing recreational resources along the trail to each other. This project was funded through the FDOT Local Agency Program (LAP) and includes federal funding. Extensive coordination was completed with key stakeholders (FDOT, FWC, FDEP, SWFWMD, and City of Lakeland) to gain support for the trail. Preliminary engineering, environmental analysis, and public involvement were completed and documented. The project was originally scoped as a Type 2 Categorical Exclusion. Based upon review of agency, stakeholder, and public comments the level of NEPA document was downgraded to a Type 1 Categorical Exclusion in compliance with underlying laws and regulations. **Project Size: \$938k**

**SR 29 from Oil Well Rd to SR 82 PD&E Study, Collier County, FL, FDOT District One, District Consultant Project Manager:** This project is a Moving Florida Forward (MFF) project. Kim's responsibilities included administrative and technical oversight to evaluate capacity and traffic operational improvements along a two-lane undivided section of SR 29 extending approximately 15.6 miles from Oil Well Rd to SR 82, as well as the addition of a new four-lane roadway bypassing the downtown Immokalee. She managed the consultant contract, including coordination of the schedule and deliverables to ensure that critical path dates for the compressed schedule were met. Kim was also responsible for ensuring that internal as well as agency and stakeholder coordination was scheduled and completed at key points in the decision-making process. The project involved extensive coordination with the USFWS, which included formal Section 7 Consultation for the Florida panther, Audubon's crested caracara, and Florida scrub-jay. **Project Size: \$4.5M**



## Project Assignment

Deputy Project Manager

## Availability

65%

## Education

B.S., Civil Engineering, University of Central Florida, 2011

## Registrations/Licenses

Professional Engineer,  
Florida, 82243, 01/11/2017

## Work Experience

Patel, Greene and Associates  
2018 - Present

Inwood Consulting Engineers  
2016 - 2018

Dewberry  
2012 - 2016

Florida Power & Light  
2012 - 2012

Middlesex Corporation  
2011 - 2012

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
jonathan.jones@patelgreene.com

\*Experience prior to joining PGA

# JONATHAN JONES, PE

## Project Roadway Engineer

Jonathan is an Associate and Project Roadway Engineer with Patel, Greene and Associates (PGA). He has 14 years of experience and has successfully provided transportation engineering services for the Florida Department of Transportation (FDOT), as well as municipal government clients throughout Florida since 2011. Jonathan has experience in both roadway design and structural & bridge engineering. His specific expertise includes developing vertical and horizontal alignments, roadway pavement design type selection studies, signing and pavement marking plans, developing traffic control plans, and general plans production.

## Experience

**Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd, Polk County, FL, Polk County Board of Commissioners, Project Manager & Roadway EOR:** This project involved the design of a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd, Sheffield Rd, and Old Bartow Eagle Lake Rd. PGA is the prime consultant leading the roadway, drainage, signing and pavement marking, lighting, and environmental efforts. Jonathan is responsible for project management and the roadway components. **Project Size: \$513k**

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Roadway Engineer:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Jonathan supported roadway design. **Project Size: \$2.3M**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Roadway Engineer:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, environmental, and structures efforts. Jonathan led the roadway design and documentation efforts. **Project Size: \$587k**

**SR 25 (US 27) S of SR 66/700 to N of SR 66/700 (US 98) Intersection Improvements, Highlands County, FL, FDOT District One, Project Manager & Roadway EOR:** This project is providing design to convert the pavement at the intersection of US 27 and US 98 from flexible asphalt to rigid pavement in the City of Sebring. Considerations to future widening without the need for right-of-way acquisition are being analyzed in design. PGA is the prime consultant leading the roadway, drainage, and structures efforts. Jonathan leads roadway documentation and design. **Project Size: \$1.5M**

**SR 33 from Parkview Pl to N of Granada St Reconstruction, Polk County, FL, FDOT District One, Roadway Engineer:** The approximately 1.1-mile reconstruction project in Downtown Lakeland provided milling and resurfacing, signing and pavement markings, lighting, and signalization design. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. Jonathan led the roadway design and documentation efforts. **Project Size: \$2.5M**



## Project Assignment

Type 2 CE and PER QC

## Availability

40%

## Education

B.S., Civil Engineering, University of South Florida, 2007

## Registrations/Licenses

Professional Engineer,  
Florida, 74639, 06/08/2012

## Certifications

FDOT Advanced MOT  
FDOT Specifications

## Work Experience

Patel, Greene and Associates  
2015 - Present

Florida Department of  
Transportation  
2008 - 2015

Jacobs Engineering Group  
2006 - 2008

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
joseph.lauk@patelgreene.com

# JOSEPH LAUK, PE

## Principal & Roadway Group Manager

Joe is a firm principal and the Roadway Group Manager for Patel, Greene and Associates (PGA). He has 19 years of experience, including seven years with FDOT District One managing high-profile projects and serving on multiple committees to enhance effectiveness of statewide transportation initiatives. Joe's experience working on both the client and consultant side of transportation design has not only granted him a deep understanding of FDOT policies and procedures, but has also enabled him to develop strong relationships with stakeholders across the state.

## Experience

**SR 570B (Central Polk Pkwy) from SR 570 (Polk Pkwy) to SR 35 (US 17), Polk County, FL, Florida's Turnpike Enterprise, TTCP EOR:** PGA, as a subconsultant, designed a segment of this 6.2-mile new alignment project for a four-lane, limited-access facility. The new four-lane divided roadway will be a Strategic Intermodal System (SIS) highway and will connect the Polk Pkwy with SR 60. Joe was responsible for the temporary traffic control for the entire project. **Project Size: \$1.1M**

**General Engineering Contract (GEC), FDOT District One, Program Manager:** This task work order-based contract provided the District with staff augmentation and production level support for all areas. Joe manages resources in Project Management, ISD, and Program Management. As a part of his efforts, he assists the District Program Management Administrator directly with the following programs: ARPA, Advanced Production, Strategic Corridors, and Grants. Additionally, he managed three PD&E projects on SR 70. **Project Size: \$25M**

**SR 64 at Rye Rd Roundabout, Manatee County, FL, FDOT District One, Project Manager & Roadway EOR:** PGA designed a multi-lane roundabout to accommodate a new leg of the intersection while improving the safety along SR 64. The project included major reconstruction of the intersection, drainage improvements, utility coordination, and right-of-way coordination. PGA was the prime consultant handling the design for roadway, MOT, drainage, and miscellaneous structures. Joe was responsible for roadway design and documentation, coordination between key stakeholders, and overall project management. **Project Size: \$1.1M**

**SR 64 at Greyhawk Blvd Roundabout, Manatee County, FL, FDOT District One, Project Manager & Roadway EOR:** PGA was the prime consultant on this project designing a multi-lane roundabout to improve safety and accessibility along SR 64. The scope of work includes major reconstruction of the intersection, drainage improvements, and utility coordination. Joe was responsible for roadway design and documentation, stakeholder coordination, and overall project management. **Project Size: \$1.3M**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Project Manager & Roadway EOR:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, environmental, and structures efforts. **Project Size: \$587k**



## Project Assignment

Principal-in-Charge & QA/QC  
Manager

## Availability

50%

## Education

M.B.A., University of South Florida,  
2008

B.S., Civil Engineering,  
University of South Florida, 2003

## Registrations/Licenses

Professional Engineer,  
Florida, 68368, 07/25/2008

## Work Experience

Patel, Greene and Associates  
2011 - Present

Atkins North America  
2001 - 2011

FDOT District One  
2000 - 2001

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
gordon.greene@patelgreene.com

# GORDON GREENE, PE

## Executive Vice President

Gordon is the Executive Vice President at Patel, Greene and Associates (PGA). With more than 25 years of experience, he has built a diverse technical foundation, serving as a project manager, engineer of record (EOR), and principal-in-charge on projects throughout Florida. His specific experience includes 3D modeling, project management, bridge hydraulic reports (BHRs), stormdrain design, permitting, pavement design, resurfacings, widenings, temporary traffic control plans, and stormwater management. Gordon has intimate knowledge of current design standards, bringing this experience to PGA along with a strong commitment to see his company gain a reputation for engineering excellence and superb client service.

## Experience

**Bartow Northern Connector (Phase I)/Ernest M. Smith Blvd, Polk County, FL, Drainage EOR:** The project included a new alignment four-lane urban roadway with three signalized intersections, a bridge over Saddle Creek, off-site ponds, and ROW acquisition. The project also included the replacement of an existing bridge culvert. Gordon was responsible for the BHR and FEMA no-rise certification report. **Project Size: \$13M**

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Project Manager & EOR:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. Gordon was responsible for overall project management, roadway design, and drainage design. **Project Size: \$2.3M**

**SR 33 from Parkview PI to N of Granada St Reconstruction, Polk County, FL, FDOT District One, Principal-in-Charge & QA/QC Manager:** This approximately 1.1-mile reconstruction project in Downtown Lakeland provided milling and resurfacing, signing and pavement markings, lighting, and signalization design. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. Gordon was responsible for ensuring the quality and compliance of project deliverables. **Project Size: \$2.5M**

**Eloise Loop Rd Drainage Improvements/Flood Hazard Mitigation, Polk County, FL, Polk County Board of Commissioners, Project Manager & EOR:** Flooding at the horizontal curve of Eloise Loop Rd has required Polk County maintenance crews to close the westbound travel and detour traffic multiple times a year due to the existing ditch being incapable of draining the area. PGA is the prime consultant leading the roadway, drainage, and environmental efforts. Gordon was responsible for the project management and the drainage components. **Project Size: \$106k**

**Alachua Dr and Collier Dr Drainage Improvements, Polk County, FL, Polk County Board of Commissioners, Project Manager & EOR:** This intersection improvement project widened the north side of 9th St N in order to accommodate the addition of a right-turn lane. The design maintained existing drainage patterns and included the relocation of existing fencing and a driveway to complete the improvements. Gordon was responsible for the project management and the drainage components. **Project Size: \$97k**



## ADAM PEREZ, PE

### Chief Roadway Engineer

Adam is a Chief Roadway Engineer with Patel, Greene and Associates (PGA) who specializes in highway design and project management. His 30 years of transportation experience includes highway design projects ranging from local streets to principal arterials, reconstruction, RRR improvements, intersection improvements, safety improvements, median modifications, design of new rural and urban facilities, corridor studies, and PD&E studies.

### Experience

**Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd, Polk County, FL, Polk County Board of Commissioners, Roadway QC:** This project involved the design of a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd, Sheffield Rd, and Old Bartow Eagle Lake Rd. PGA is the prime consultant leading the roadway, drainage, signing and pavement marking, lighting, and environmental efforts. Adam is responsible for reviewing roadway documentation and design. **Project size: \$70k**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Roadway QC:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items include drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, and structures efforts. Adam was responsible for reviewing roadway design and documentation. **Project Size: 587k**

**SR 33 from Parkview Pl to N of Granada St Reconstruction, Polk County, FL, FDOT District One, Roadway QC:** The approximately 1.1-mile reconstruction project in Downtown Lakeland provided milling and resurfacing, signing and pavement markings, lighting, and signalization design. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. Adam was responsible for reviewing roadway design and documentation. **Project Size: \$2.5M**

**\*SR 54 at US 41 Intersection Operational Improvements, Pasco County, FL, Roadway EOR:** This project provided safety and operational improvements along eastbound SR 54 from west of Sophia Dr to west of US 41. These improvements included lengthening the eastbound existing dual left-turn and right-turn lanes. Adam led the roadway design and documentation efforts. **Project Size: \$400k**

**\*Spring Haven Dr Extension from Pan American Blvd to Butler Park Access Dr, North Port, FL, City of North Port, Roadway Engineer:** This project provided final design and permitting services for the extension of Spring Haven Dr from Pan American Blvd to Butler Park Access Dr, approximately 0.59 miles. The improvements included two 12-ft lanes with 4-ft bicycle lanes, divided by a 16-ft landscaped median. Adam supported roadway and MOT design. **Project Size: \$500k**

**\*Hudson Ave at US 19, Pasco County, FL, Roadway EOR:** This project involved the design and permitting for Hudson Ave widening from west of US 19 to Fivay Rd. It involved widening an existing two-lane urban roadway, adding turn lanes at US 19. This project also added a raised median for access management, providing sidewalks, and involved redesign of the signals at both US 19 and Fivay Rd. Mast arms were added to replace the existing span wire at US 19, to meet the wind requirements due to the proximity to the coast. Adam led the roadway design and documentation efforts. **Project Size: \$400k**

### Project Assignment

Roadway QC

### Availability

40%

### Education

B.S., Civil Engineering,  
University of South Florida, 1995

### Registrations/Licenses

Professional Engineer,  
Florida, 56066, 07/25/2000

### Certifications

FDOT Advanced MOT  
FDOT Specifications

### Work Experience

Patel, Greene and Associates  
2021 - Present

American Consulting Professionals  
2013 - 2021

FDOT District Seven  
1995 - 2013

Test Lab  
1993 - 1995

### Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
adam.perez@patelgreene.com

\*Experience prior to joining PGA



## Project Assignment

Drainage/Environmental QC

## Availability

40%

## Education

B.S., Engineering (Structures, Materials, Fluids), University of South Florida, 1977

## Registrations/Licenses

Professional Engineer,  
Florida, 38784, 08/10/1987

## Work Experience

Patel, Greene and Associates  
2015 - Present

Atkins North America  
1998 - 2015

FDOT District Three  
1994 - 1998

FDOT District One  
1986 - 1994

Westinghouse Electric Corporation  
1977 - 1985

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
tim.polk@patelgreene.com

\*Experience prior to joining PGA

# TIMOTHY POLK, PE

## Chief Drainage Engineer

Tim is a Chief Drainage Engineer with Patel, Greene and Associates (PGA). His professional experience encompasses more than 39 years in transportation, focused on drainage design and permitting. He is a former District Drainage Engineer for District One and District Three. He exemplifies the FDOT/FHWA drainage culture of minimizing costs in drainage design and pond design using risk assessment with design alternatives and innovative drainage concepts. Tim has assisted in developing FDOT drainage criteria and has given FDOT Design Conference presentations on 14-86 drainage connection permits, hurricane drainage design, RRR drainage issues, bridge hydraulic report (BHR) guidelines, pond siting reports, and the statewide stormwater treatment rule.

## Experience

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Drainage QC:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Tim was responsible for reviewing drainage design and documentation. **Project Size: \$2.3M**

**Bartow Northern Connector (Phase I)/Ernest M. Smith Blvd, Polk County, FL, Drainage QC:** The project included a new alignment four-lane urban roadway with three signalized intersections, a bridge over Saddle Creek, off-site ponds, and ROW acquisition. The project also included the replacement of an existing bridge culvert. Design elements included roadway, drainage, SAPM, signals, lighting, and structures. Tim was responsible for reviewing drainage design and documentation. **Project Size: \$13M**

**\*Short-Term Capital Improvement Program, Polk County, FL, FDOT District One, Drainage Engineer:** This project for Polk County involved general engineering services to manage, review and provide administration, planning, permitting, right-of-way, survey, construction and public information services to the county for projects within its short-term capital improvement program. Assignments included design, traffic signals, signing, field surveys, geotechnical investigations, drainage, and permitting. **Project Size: Undetermined**

**Alachua Dr and Collier Dr Drainage Improvements, Polk County, FL, Polk County Board of Commissioners, Drainage QC:** This intersection improvement project widened the north side of 9th St N in order to accommodate the addition of a right-turn lane. The design maintained existing drainage patterns and included the relocation of existing fencing and a driveway to complete the improvements. Tim was responsible for reviewing drainage design and documentation. **Project Size: \$97k**

**Eloise Loop Rd Drainage Improvements/Flood Hazard Mitigation, Polk County, FL, Polk County Board of Commissioners, Drainage QC:** Flooding at the horizontal curve of Eloise Loop Rd has required Polk County maintenance crews to close the westbound travel and detour traffic multiple times a year due to the existing ditch being incapable of draining the area. This study was initiated to alleviate the flooding concerns by providing alternatives to create positive drainage flow. PGA is the prime consultant leading the roadway, drainage, and environmental efforts. **Size of Project: \$106k**



## Project Assignment

LAP Compliance

## Availability

70%

## Education

M.S., Civil Engineering, University of Louisville, 2001

B.S., Civil Engineering, University of Louisville, 1998

## Registrations/Licenses

Professional Engineer, Virginia, 0402040667, 06/10/2005

Professional Engineer, Florida, 92470, 09/30/2021

## Work Experience

Patel, Greene and Associates  
2024 - Present

Stantec  
2023 - 2024

HNTB  
2021 - 2023

Federal Highway Administration  
2001 - 2021

## Contact

124 N Marriot Dr, Suite 101  
Tallahassee, FL 32301  
813.978.3100  
chad.thompson@patelgreene.com

\*Experience prior to joining PGA

# CHAD THOMPSON, PE

## LAP Compliance

Chad is the Tallahassee Roadway Group Leader with Patel, Greene and Associates (PGA). He has 28 years of experience leading teams and managing projects, including overseeing project phases from planning through to construction, ensuring compliance with federal requirements, and managing stakeholder relationships. He also has experience ensuring compliance with federal regulations, managing grant agreements, and providing oversight for design and construction projects. Chad's roles have involved implementing innovative solutions such as roundabout designs and multimodal network improvements, and include traffic management, design-build, and roadway design.

## Experience

**General Engineering Consultant, Districtwide, FDOT District Seven, Project Manager:** Chad advises and assists FDOT District Seven staff with reviewing and improving numerous projects funded under the LAP, SCOP, SCRAP, and other municipal programs. He performs frequent ERC reviews to ensure compliance with documents such as Construction Checklists, Invitations to Bid/RFQ/RFPs, and plan sets. **Size of Project: \$15M**

**\*General Engineering Consultant, Districtwide, FDOT District Three, Project Manager:** Chad advised and assisted the District Grants Working Group with discretionary grant applications for the Bipartisan Infrastructure Law (BIL). He assisted with project prioritization and matching needs with available programs. Chad authored RURAL and ATAIN grant applications and provided innovative strategies to produce winning grant submissions. **Size of Project: \$25M**

**\*Federal Highway Administration, Florida Division, Director/Program Operations Team Leader/LAP Office Lead:** Chad supervised a team of 12 engineers responsible for the stewardship and oversight of a \$2 billion annual Federal-Aid Highway Program (FAHP) within Florida. He engaged in all aspects of project development including planning, environment, design, construction, contract administration and maintenance/operations. Chad assisted FDOT with FHWA SEP-14 approval to use innovative two-step DB processes which led to more innovation, competition, and lower prices. He also oversaw the execution of Grant Agreements/Term Sheets and authorization/approval of grant funding, contract execution, and administration Chad worked with FDOT's State Local Programs Administrator as well as District LAP Administrators to improve compliance and reduce the burden for local agency staff. He also assisted FDOT with development and implementation of LAP Community of Practice (founding member) as well as improvements to LAP forms & checklists and the LAP certification process. **Size of Project: N/A**

**\*FDOT National Electric Vehicle Infrastructure Deployment Plan (EVIDP), FDOT Office of Policy Planning, Project Manager:** Chad led the initial outreach and development for the state's first NEVI Deployment Plan. This crucial document was required by the Bipartisan Infrastructure Law and describes how the state intends to use its apportioned NEVI Formula Program funds throughout the five years of Federal funding. **Size of Project: N/A**

**\*West River District Multi-Modal Network and Safety Improvements, Hillsborough County, FL, City of Tampa, Project Manager:** Chad assisted the City with securing USDOT grant funding and meeting federal requirements for a \$24 million BUILD grant award. He also guided City staff in their first use of Adjusted Score Design-Build procurement by developing a RFP to design and construct six new segments of Complete Streets and Riverwalk trails, including two overwater bridge sections. **Size of Project: \$24M**



## ALAYNA DELGADO, AICP

### Planner

Alayna has more than seven years of experience in the public and private sectors. She is passionate about developing functional, efficient transportation systems while maintaining and beautifying the built environment. She has operated in the private sector as an analyst for various multimodal and context-based solutions projects, as well as site development analyses and entitlements. On the public side, she coordinated economic development and community revitalization efforts in conjunction with managing and reviewing site plan and site amendment projects.

### Experience

**SR 78 from Veterans Pkwy to W of US 41, PD&E, Lee County, FL, FDOT District One, Project Planner:** The study evaluates the widening of SR 78 from four to six lanes, and includes safety improvements and multimodal accommodations. PGA is the prime consultant leading the PD&E, roadway, drainage, traffic, and environmental efforts. **Project Size: \$2M**

**\*Corridor Studies, Sub-Area Studies, and Special Transportation Studies, FDOT District Seven, Transportation Planner:** This on-call TWO contract included GIS analyses and database development. TWO #1 was executed to analyze the location of sidewalk gaps and sub-standard infrastructure. Shapefiles were reviewed within GIS, and desktop analysis was conducted to measure and review the existing sidewalk infrastructure districtwide. TWO #2 was planned to analyze all state- and county-managed trail system infrastructure crossings. The analysis focused on whether the locations were marked, if they were substandard, and how to develop a database. This database was specifically designed for the locational characteristics of crossing types, such as rectangular rapid flashing beacons and pedestrian hybrid beacons. **Project Size: \$150k**

**\*E Tampa Corridor Safety Action Plan, Hillsborough County, FL, FDOT District Seven, Transportation Planner:** The Corridor Safety Action Plan prepared recommendations for safety and operations improvements and enhanced aesthetics for the Martin Luther King Jr Blvd corridor. The recommendations included short-term (1-2 years) and long-term (3-5 years) planning horizons. Efforts included data collection, evaluation of safety and traffic operational concerns, development of recommendations, coordination of public participation, development of conceptual plans, identification of immediate maintenance issues, and preparation of planning-level cost estimates. **Project Size: \$55k**

**\*Comprehensive Safety Action Plan (CSAP), Charlotte County, FL, Charlotte County-Punta Gorda MPO, Deputy Project Manager:** Alayna served as Deputy Project Manager for this project, preparing a Comprehensive Safety Action Plan (CSAP) for the Charlotte County-Punta Gorda Metropolitan Planning area. The CSAP was based on the USDOT FHWA's Safe Systems approach and identified the high-injury network in Charlotte County. It also provided recommendations to equitably implement countermeasures to significantly reduce the prevalence of serious injuries and fatalities along high-crash corridors within the county. The project included extensive community outreach and local condition assessments. **Project Size: \$262k**

### Project Assignment

PD&E

### Availability

75%

### Education

M.S., Urban and Regional Planning,  
University of South Florida, 2020

B.A., Public Administration,  
University of Central Florida, 2018

### Certifications

American Institute of Certified  
Planners (AICP) #33554, 2021

### Work Experience

Patel, Greene and Associates  
2024 - Present

Vanasse Hangen Brustlin  
2022 - 2024

City of Oldsmar  
2021 - 2022

Volkert  
2020

Kimley-Horn  
2019

OMNI Communications  
2018

### Contact

14499 N Dale Mabry Hwy  
Tampa, FL 33618  
813.946.8955  
alayna.delgado@patelgreene.com

\*Experience prior to joining PGA



## Project Assignment

Environmental

## Availability

65%

## Education

B.S., Forest Resources and Conservation, University of Florida, 1997

## Work Experience

Patel, Greene and Associates  
2017 - Present

AECOM  
2006 - 2017

Florida Department of Environmental Protection  
2000 - 2006

Florida Department of Transportation  
1997 - 2000

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
terry.cartwright@patelgreene.com

# TERRY CARTWRIGHT

## Chief Scientist

Terry is the Environmental Group Manager with Patel, Greene and Associates (PGA). He has more than 26 years of experience and a diverse background in environmental permitting, wetlands ecology, biology, and natural resources planning. His specific expertise includes airport wildlife hazard assessments, listed species assessments, wetland assessments, wetland jurisdiction determinations, and wetland mitigation design. Prior to working as an environmental consultant, he was employed by the Florida Department of Environmental Protection (FDEP) for six years, performing a variety of wetland permitting activities including wetland delineations, seagrass surveys, habitat assessments, mitigation proposals, and processing Environmental Resource Permit applications.

## Experience

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Environmental Scientist** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Terry led the environmental efforts. **Project Size: \$2.3M**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Environmental Scientist:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, and structures efforts. Terry led wetland delineation, and potential effects to threatened and endangered species. **Project Size: \$438k**

**Continuing Services – Resurfacing Design, FDOT District One, Environmental Lead:** This task work order-based contract provides miscellaneous design services such as resurfacing, widening, rigid pavement rehabilitation, and minor design. Specific responsibilities on task work orders may include field surveys, roadway analysis and design, drainage analysis and design, utility relocation, utility, coordination, and temporary traffic control plan analysis. Terry is leading the environmental efforts on task work orders assigned through this contract. **Project Size: N/A**

**SR 29 From CR 846 E to N of New Market Rd, Collier County, FL, FDOT District One, Environmental Scientist:** This project involves the design of a new, 3.35 mile four-lane bypass road for the City of Immokalee to improve mobility and connectivity within the regional transportation network. Terry is leading the environmental assessments and permitting of the project. **Project Size: \$6M**

**Wildwood Subdivision Drainage Improvements, Lakeland, FL, Polk County Board of Commissioners, Environmental Scientist:** This drainage improvement project proposed to alleviate frequent flooding and standing water within the Wildwood Subdivision. The design installed new ditches with side drain culverts around Primrose Court, which ties into an enlarged storm drain trunk line on Wildflower Dr. A surge pond built just upstream of this outfall (also designed by PGA) reduced the flow rate to accommodate this direct discharge of high flows from Wildflower Dr. Terry led the environmental efforts. **Project Size: \$109k**



## SUSAN DURRANCE

### Senior Environmental Scientist

Susan is an Environmental Scientist with Patel, Greene and Associates (PGA). She has more than 22 years of experience conducting ecological evaluations involving listed species and wetlands throughout Florida. She has worked for both the public (FDEP) and private sectors performing listed species assessments and monitoring, gopher tortoise surveys, relocation and permitting, wetland assessments, jurisdictional determinations and impact analysis, seagrass surveys, and preparation of numerous environmental permit applications.

### Experience

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Environmental Scientist:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to “pop off” to adjacent basins and balance the hydraulic grade lines for better flood protection. Susan supported the environmental efforts. **Project Size: \$2.3M**

**Wildwood Subdivision Drainage Improvements, Lakeland, FL, Polk County Board of Commissioners, Environmental Scientist:** This drainage improvement project proposed to alleviate frequent flooding and standing water within the Wildwood Subdivision. The design installed new ditches with side drain culverts around Primrose Court, which ties into an enlarged storm drain trunk line on Wildflower Dr. A surge pond built just upstream of this outfall (also designed by PGA) reduced the flow rate to accommodate this direct discharge of high flows from Wildflower Dr. Susan supported the environmental efforts. **Project Size: \$109k**

**SR 572 at Don Emerson Dr Roundabout, Polk County, FL, City of Lakeland, Environmental Scientist:** This project involved the design of a roundabout at the entrance of Lakeland Linder International Airport to improve safety and mobility on the corridor. Additional scope items included drainage improvements, utility coordination, and right-of-way acquisition. PGA was the prime consultant leading the roadway, drainage, and structures efforts Susan supported wetland delineation, and potential effects to threatened and endangered species. **Project Size: \$438k**

**\*Welling Park on Lake Easy, Polk County, FL, Environmental Scientist:** Susan was responsible for studying the potential environmental impacts associated with the construction of a park adjacent to Lake Easy in Polk County. Susan completed field reviews to determine the approximate wetland boundaries along the lake, coordination with FDEP’s Sovereignty Submerged Lands Office in Tallahassee, and environmental permitting within the proposed project. **Project Size: N/A**

**SR 64 at Greyhawk Blvd, Manatee County, FL, FDOT District One, Environmental Scientist:** PGA was the prime consultant on this project designing a multi-lane roundabout to improve safety and accessibility along SR 64. The scope included major reconstruction of multiple intersections, drainage improvements, and utility coordination. Susan was responsible for verifying wetland boundaries and assessing potential impacts to threatened and endangered species. **Project Size: \$1.2M**

### Project Assignment

Environmental

### Availability

65%

### Education

B.S., Environmental Science and Policy, University of South Florida, 2003

B.S., Education, University of South Florida, 1994

### Work Experience

Patel, Greene and Associates  
2019 - Present

AECOM  
2007 - 2019

Florida Department of  
Environmental Protection  
2003 - 2007

### Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
susan.durrance@patelgreene.com

\*Experience prior to joining PGA



## Project Assignment

Drainage

## Availability

70%

## Education

B.S., Civil Engineering, Florida International University, 2006

A.A., Liberal Arts, Polk Community College, 2002

## Registrations/Licenses

Professional Engineer,  
Florida, 75553, 01/12/2013

## Work Experience

Patel, Greene and Associates  
2017 - Present

Atkins North America  
2007 - 2017

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
manny.monreal@patelgreene.com

\*Experience prior to joining PGA

# MANUEL MONREAL JR., PE

## Senior Drainage Engineer

Manny is an Associate and Senior Drainage Engineer with Patel, Greene and Associates (PGA). His 18 years of engineering experience includes stormwater management facility and stormdrain design, hydraulic modeling, CADD and GIS support, site inspections, site data collection, and event coordination. He currently provides staff augmentation to FDOT District One through the General Engineering Contract (GEC). His responsibilities include planning, design, production of engineering drawings, preparing technical specifications, preparing documentation for reports and permit applications, and performing construction field observation.

## Experience

**Spirit Lake Rd at Sheffield Rd and Old Bartow Eagle Lake Rd, Polk County, FL, Polk County Board of Commissioners, Drainage EOR:** This project involved the design of a single-lane roundabout with bypass lanes at the intersection of Spirit Lake Rd, Sheffield Rd, and Old Bartow Eagle Lake Rd. PGA is the prime consultant leading the roadway, drainage, signing and pavement marking, lighting, and environmental efforts. Manny leads the drainage documentation and design efforts. **Project size: \$513k**

**General Engineering Consultant, FDOT District One, Drainage Engineer:** This contract serves as an extension of FDOT District One through various services. Manny is currently providing in-house support for drainage and stormwater design and project management. Manny has provided this dedicated client service for more than three years. Tasks include management of in-house projects, designing storm drain systems, ditch designs, stormwater management facility design, temporary drainage analysis, and review of flooding complaints. **Project Size: \$15M**

**SR 60 from E of Clarence Gordon Jr Rd to Polk County Line, Hillsborough County, FL, FDOT District Seven, Drainage Engineer:** PGA was the prime consultant for this RRR project providing resurfacing and safety improvements on this SIS facility. Additional scope items included upgrading existing traffic signals to replace loop assemblies, signing and pavement markings, ADA upgrades, transit route coordination, and drainage improvements. PGA was the prime consultant leading the roadway, drainage, SAPM, and signalization efforts. Manny led the drainage design. **Project Size: \$2.4M**

**\*Thornhill Rd at Recker Highway Intersection Improvements, Polk County, FL, Drainage Engineer:** Manny assisted in aiding in the preparation of computation book (quantity calculations and backup sheets generation). This project involved widening the intersection of Thornhill Rd and Recker Highway as well as the production of a computation book delineating costs. **Project Size: \$1M**

**Carefree Cove Drainage Improvements, Polk County, FL, Project Manager & Drainage EOR:** This project is designing improvements to address perpetual flooding at low points by replacing portions of the storm drain system, improving roadway grading, and improving the outfall at Carefree Cove. PGA is the prime consultant leading the drainage and roadway efforts. Manny is responsible for overall project management and drainage design. **Project Size: \$212k**



## Project Assignment

Drainage

## Availability

70%

## Education

B.S., Civil Engineering,  
University of South Florida, 2014

## Registrations/Licenses

Professional Engineer,  
Florida, 88745, 12/31/2019

## Work Experience

Patel, Greene and Associates  
2014 - Present

## Contact

215 E Main St  
Bartow, FL 33830  
863.533.7317  
sean.siwiecki@patelgreene.com

# SEAN SIWIECKI, PE

## Project Drainage Engineer

Sean is a Project Drainage Engineer with Patel, Greene and Associates (PGA). He has 11 years of experience in transportation design, including working in-house at FDOT District One providing production support. His design background includes roundabout, limited-access, sidewalk, and bridge replacement projects. Sean's specific experience includes drainage documentation such as bridge hydraulic reports (BHRs), pond siting reports (PSRs), and location hydraulic reports (LHRs), plans production, and quantity computation. He is a dedicated individual who strives to provide innovative and feasible engineering solutions.

## Experience

**General Engineering Contract, FDOT District One, Drainage Engineer:** Sean served in-house at District One providing production support. His specific responsibilities included drainage design and plans production on in-house design projects, ERC reviews of phase plans submittals, and addressing flooding complaints for the department. **Project Size: \$15M**

**W Pipkin Rd Widening from Medulla Rd to SR 37, Polk County, FL, Polk County Board of Commissioners, Drainage Engineer:** PGA worked closely with Polk County on W Pipkin Rd, a constrained corridor, to provide increased capacity while accommodating all users for this half-mile long segment. The proposed design widened the existing two-lane rural roadway to a four-lane urban facility with buffered bike lanes and sidewalks on both sides. The design for this project also included diversion structures in different locations to allow high flow storm events to "pop off" to adjacent basins and balance the hydraulic grade lines for better flood protection. Sean supported the drainage design and documentation effort. **Project Size: \$2.3M**

**Alachua Dr and Collier Dr Drainage Improvements, Polk County, FL, Polk County Board of Commissioners, Drainage Engineer:** This intersection improvement project widened the north side of 9th St N in order to accommodate the addition of a right-turn lane. The design maintained existing drainage patterns and included the relocation of existing fencing and a driveway to complete the improvements. Sean supported the drainage design and documentation effort. **Project Size: \$97k**

**Davenport Complete Streets Improvements, Polk County, FL, FDOT District One, Drainage Engineer:** PGA led the design of complete streets upgrades including milling & resurfacing, curb realignment, lane width reductions, wider sidewalks, street lighting, high-emphasis crosswalks, and minor drainage improvements. As a result, the existing wide typical sections are being reduced to incorporate parallel on-street parking as well as reverse-in angled parking, traffic separators, and narrow lane widths to help improve the safety. Sean supported the drainage design and documentation effort. **Project Size: \$140k**

**US 92 from Galloway Rd to Wabash Ave, Polk County, FL, FDOT District One, Drainage Lead Technical Professional:** The project included the construction of 5-ft sidewalk to improve pedestrian mobility along US 92, design of a prefabricated steel truss pedestrian bridge structure adjacent to the existing highway bridge, and miscellaneous structures. **Project Size: \$1.4M**



## Project Assignment

Structures

## Availability

60%

## Education

M.S., Civil Engineering, Clemson University, 2002

B.S., Civil Engineering, Clemson University, 2001

## Registrations/Licenses

Professional Engineer,  
Florida, 65737, 01/18/2007

Professional Engineer, North  
Carolina, 10/10/2008

Professional Engineer, New York,  
095571, 09/04/2015

Professional Engineer,  
Connecticut, 2016

## Work Experience

Patel, Greene and Associates  
2025 - Present

McElhanney  
2014 - 2025

Infinity Engineering USA  
2013 - 2014

URS  
2003 - 2013

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
tommy.peake@patelgreene.com

\*Experience prior to joining PGA

# TOMMY PEAKE, PE

## Chief Structures Engineer

Tommy is a Chief Structures Engineer at Patel, Greene and Associates and brings 22 years of diversified experience spanning several FDOT districts and municipal clients. He has worked on various types of structures, including bridges, viaducts, and highway expansions. Tommy has developed work plans, erection manuals, and certified specialized construction equipment. His skills in construction staging analysis, geometry control, and load rating have been instrumental in the successful completion of numerous high-profile projects. Tommy's proficiency in managing complex construction challenges and delivering innovative solutions makes him a valuable asset to any engineering team.

## Experience

### Districtwide Bridge Repair Design Consultant, FDOT District Three, Structures Engineer:

This contract serves as an extension of FDOT District Three's Structures Maintenance Office. The primary focus on tasks assigned under this contract include providing field assessments and structural repairs and rehabilitation of bridges (minor, major, and segmental). PGA provides support for both field and office engineering and inspections. PGA is the prime consultant providing technical support services that include scour evaluation, beam repairs, deck sealing, bridge coatings, load ratings, and pile jacket repairs. **Project Size: \$3M**

### Continuing Services – Bridge Engineering Design, FDOT District Seven, Structures Engineer:

This contract serves as an extension of FDOT District Seven's Structures Maintenance Office. PGA is the prime consultant providing technical support services that include structures, temporary traffic control, drainage, geotechnical, and other miscellaneous services to complete repairs or rehabilitation for bridges and ancillary structures. PGA is providing services to support both field and office engineering and inspections. **Project Size: \$5M**

### \*Selmon West Extension Viaduct, Hillsborough County, FL, Tampa Hillsborough Expressway, Construction EOR:

Tommy was responsible for the 7,060-ft precast segmental fin-back viaduct bridge, which featured spans of up to 260 ft using an 8-ft-deep constant depth box girder erected in a modified span-by-span configuration with underslung erection girders. The scope included conducting construction staging analysis and preparing the casting manual, erection manual, geometry control manual, and work plans for the operation of the erection girders. Additionally, he performed an independent review and certification of the specialized erection equipment, including the underslung self-launching erection girders, a deck-mounted swivel crane, and spreader beams, which were fabricated in China. **Project Size: \$230M**

### \*I-395 Signature Bridge, Miami-Dade County, FL, Florida's Turnpike Enterprise, Construction EOR:

Tommy served as the Construction Engineer for the certification of an overhead lifting truss used to install 62 spans of prestressed beams on the newly constructed elevated portion of the Dolphin, the SR 836 Expressway. He developed a work plan and erection manual that the contractor used to safely operate the overhead lifting truss and demonstrate the construction sequence to the client and FDOT. His additional responsibilities included certifying segment lifters for the installation of prestressed concrete segments over sensitive areas where ground-based cranes could not be utilized, as well as certifying miscellaneous erection equipment. **Project Size: \$820M**



## Project Assignment

Access Management/Traffic Support

## Availability

60%

## Education

M.S., Civil Engineering, University of Central Florida, 2019

B.S., Civil Engineering, University of Florida, 2013

## Registrations/Licenses

Professional Engineer, Florida 87389, 06/01/2019

Professional Traffic Operations Engineer (PTOE) Certification, 5607

Roadway Safety Professional Level 1

Advanced MOT

## Work Experience

Patel, Greene and Associates  
2023 - Present

Gresham Smith  
2022 - 2023

Stanley Consultants  
2014 - 2022

## Contact

122 W Pine St, Suite 201  
Orlando, FL 32801  
407.720.7420

vischal.persaud@patelgreene.com

# VISCHAL PERSAUD, PE, PTOE, RSP1

## Project Traffic Engineer

Vischal is a Project Traffic Engineer at Patel, Greene and Associates (PGA). With over 12 years of experience, Vischal is an adaptive, flexible individual that thrives in team environments and has a strong focus on client satisfaction. His specific experience includes traffic counts, SAPM and signals design, plans production, and quantity computation. He is responsible for supporting design, planning, and pursuit efforts at PGA.

## Experience

**SR 33 from Parkview PI to N of Granada St (Context-Based Solutions), Polk County, FL, FDOT District One, Traffic Engineer:** This 1.1-mile context-based solutions project in Downtown Lakeland involved milling and resurfacing, signing and pavement markings, lighting, and signalization. PGA was the prime consultant leading the roadway, drainage, signing and pavement markings, lighting, and signalization design. **Project Size: \$2.5M**

**SR 570B (Central Polk Pkwy) from SR 570 (Polk Pkwy) to SR 35 (US 17), Polk County, FL, Florida's Turnpike Enterprise, Traffic Engineer:** PGA is designing a segment of this 6.2-mile new alignment project on a limited-access facility that includes the US 17 Interchange. The new four-lane divided roadway will be a Strategic Intermodal System (SIS) highway and will connect Polk Pkwy with SR 60. **Project Size: \$1.1M**

**SR 570B (Central Polk Pkwy) from SR 35 (US 17) to SR 60, Polk County, FL, Florida's Turnpike Enterprise, Traffic Engineer:** PGA is the prime consultant for this pilot project designing plans for a new alignment of Central Polk Pkwy as a fully integrated 3D model. The scope also includes completing the design of the interchange at US 17, design of toll gantries, and the design of the new at-grade intersection at SR 60. PGA is leading the roadway, drainage, structures, and environmental efforts. **Project Size: \$13M**

**SR 45 from N of SR 26 to S of US 441, Alachua County, FL, FDOT District Two, SAPM/Lighting/Signals EOR:** This 13-mile-long project involves extending the service life of SR 45 through milling and resurfacing while also providing safety improvements. PGA is the prime consultant leading the roadway, drainage, traffic, environmental, and structures efforts. Vischal conducted a study of this roadway to evaluate pavement markings in no-passing zones, typical section areas, and intersections. He is also responsible for the design, documentation, and quantities for signing and pavement markings, signalization, and lighting. **Project Size: \$1.6M**

**SR 30 (US 98) Gulf Breeze Pkwy from E of Ortega St to the Okaloosa County Line, Santa Rosa County, FL, FDOT District Three, Traffic Engineer:** This project involved roadway design for the 3.4-mile reconstruction project to alleviate traffic congestion and accommodate future growth on SR 30. The roadway will be widened from four to six lanes and will include a shared-use path. PGA was the prime consultant, and led roadway, traffic, structures, drainage, and environmental efforts. **Project Size: \$4.1M**

**SR 5 RRR Improvements from N of 87th St to S of Sebastian Blvd, Indian River County, FL, FDOT District Four, SAPM/Lighting/Signals EOR:** This RRR project is designing improvements to the existing roadway on SR 5 to extend its service life. Additional improvements on the project include upgrading guardrail, curb ramp adjustments to meet ADA requirements, drainage improvements, lighting retrofits, and pedestrian signal upgrades. PGA is the prime consultant leading the roadway, drainage, traffic, structures, and environmental efforts. Vischal is responsible for the design, documentation, and quantities for signing and pavement markings, signalization, and lighting. **Project Size: \$1.3M**



## Project Assignment

Context-Based Solutions

## Availability

70%

## Education

M.A., Urban and Regional Planning, University of Illinois at Urbana-Champaign, 2003

B.S., Civil Engineering, University of Illinois at Urbana-Champaign, 2001

## Certifications

American Institute of Certified Planners (AICP) #022965, 2008

## Work Experience

Patel, Greene and Associates  
2022 - Present

City of St. Petersburg  
2015 - 2022

USF-CUTR  
2013 - 2014

Toole Design Group  
2009 - 2012

City of Santa Fe  
2007 - 2009

Otak  
2004 - 2006

National Park Transportation Scholar  
2003 - 2004

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
lucas.cruse@patelgreene.com

# LUCAS CRUSE, AICP

## Senior Planner

Lucas Cruse is an Associate and the Context-Based Solutions Group Leader with Patel, Greene and Associates (PGA). He has spent the last 22 years integrally involved in multimodal transportation planning projects, including numerous pedestrian and bicycle safety and research projects. His wide range of experience includes multimodal roadway and trail design, complete streets policies and implementation, research and training, land use planning, and geospatial analysis.

## Experience

**Greenways Master Plan, Hillsborough County, FL, Senior Planner:** Lucas is leading the development of design guidelines for a planned network of greenways. With an emphasis on human-scaled urban design, the guidelines incorporate biophilic design elements that fit each context. Lucas is also developing the framework for a unified system of branded wayfinding signs and planning-level cost estimates for greenway corridors based on the type of trail. **Project Size: \$180k**

**Transportation Master Plan, City of Winter Park, FL, Senior Planner:** Lucas is managing the team developing the Master Plan to guide the City's transportation investments for the next 20 years. Focusing on greenways and technology, the plan will present prioritized lists of projects that include both planning-level cost estimates and funding strategies. **Project Size: \$250k**

**Trailways Master Plan, Manatee County, FL, Manatee County Board of Commissioners, Senior Planner:** Lucas is leading the creation of a Pattern Book to guide the development of future trails with an emphasis on design that fits the context. The content will be used as the basis for trail design scopes that fit the expected users and types of trips on each corridor for Manatee County. **Project Size: \$115k**

**2050 LRTP Revenue Forecast, Hillsborough County, FL, Hillsborough Transportation Planning Organization (TPO), Senior Planner:** Lucas is compiling all projects from the CIPs for all local and state agencies within Hillsborough County. The resulting analysis categorizes spending across targeted investment programs as a baseline for developing the 2050 LRTP and associated revenue forecasts. **Project Size: \$70k**

**Bicycle Network Plan, Hillsborough County TPO, Hillsborough County, FL, Senior Planner:** Lucas managed the team to prepare conceptual designs to improve the safety and mobility needs of bicyclists along four high-priority corridors identified through a data-driven prioritization process. The resulting concepts include feasibility reviews, design plans, cost estimates, and implementation considerations to advance the projects to the next stage of design. **Project Size: \$39k**

**General Engineering Consultant, FDOT District Seven, Senior Planner:** Lucas is providing planning support and managing projects under the Tampa Bay Next program. With a focus on the major on the Downtown interchanges of I-4 and I-275, Lucas is helping FDOT meet commitments to the public and City of Tampa by incorporating trails and complete streets elements into the surrounding surface streets.

**Project Size: \$15M**



## Project Assignment

Landscape Architecture

## Availability

50%

## Education

B.L.A., Landscape Architecture,  
University of Georgia, 2004

## Registrations/Licenses

Professional Landscape Architect,  
Florida, LA6667080, 12/23/2010

## Certifications

Certified Arborist/International  
Society of Arboriculture/#FL 5660A  
(2007)

FDOT Temporary Traffic Control  
– Intermediate Certificate #46347  
(2018)

FDEP Qualified Stormwater  
Management Inspector #41955  
(2019)

OSHA 10-Hour Construction  
Safety and Health Certification  
Council of Landscape Architectural  
Registration Boards/Certificate  
#20273 (2019)

## Work Experience

Patel, Greene and Associates  
2020 - Present

AECOM  
2004 - 2020

## Contact

12570 Telecom Dr  
Temple Terrace, FL 33637  
813.978.3100  
emilyvette.degaetano  
@patelgreene.com

# EMILYVETTE DEGAETANO, PLA, ISA

## Director of Landscape Architecture

Emily is an associate and the Director of Landscape Architecture for Patel, Greene and Associates (PGA). She has been active in landscape architecture, master planning, landscape design, arboricultural assessments, and post-design services during construction for more than 21 years. Her expertise includes project management, client coordination, public involvement, technical writing, and technical plans review. Specializing in the transportation sector, she is accomplished in interstate, highway and interchange beautification, landscape design for speed management, low-volume drip and traditional overhead irrigation systems, and urban streetscape design. Emily is also experienced at trail planning and design, parks and recreation design, and private retail/commercial development.

## Experience

**General Engineering Consultant (GEC), FDOT District One, Senior Landscape Architect:** PGA is the Prime Consultant for this contract serving as an extension of FDOT District One by providing a variety of services that include design, program management, project management, RFP development, staff augmentation, and plans reviews. Emily is currently providing Landscape Architecture support by assisting the District Landscape Architect with design, landscape plans, and construction documents reviews, internal peer reviews, field reviews, project coordination, work program assistance, Florida Scenic Highways Program support, and coordination of meetings with staff, consultants, and local agencies.

**Project Size: \$15M**

**General Engineering Consultant, FDOT District Seven, Interim District Landscape Architect:** PGA is the prime consultant for this contract serving as an extension of FDOT District Seven by providing a variety of services including transportation design, scoping and RFP development, staff augmentation, and plans reviews. Emily currently serves as the Interim District Landscape Architect and manages D7's Landscape Architecture design services contracts and landscape projects. She coordinates with District management, maintains project schedules, and assists with programming for landscape projects. She provides technical expertise with post-design services to the Maintenance and Construction offices, assists with implementing the District-reimbursable landscape program, and serves as a liaison between the District and local agencies. Emily also serves as the District Beautification Grant Coordinator and collaborates with the Department's State and District Landscape Architects. **Project Size: \$30M**

**SR 64 at Greyhawk Blvd Roundabout, Manatee County, FL, FDOT District One, Landscape Architect of Record:** PGA was the prime consultant on this project designing a multi-lane roundabout to improve safety and accessibility along SR 64. The scope of work included major reconstruction of the intersection, drainage improvements, and utility coordination. Landscaping consisting of native, drought-tolerant plant materials, was also provided to enhance the roundabout. Emily was responsible for coordinating the final landscape design with the District Landscape Architect. She also provided post-design services during construction. **Project Size: \$2.4M**

## SUBCONSULTANTS

### ELEMENT ENGINEERING GROUP, LLC – SURVEY, SUE, AND UTILITY COORDINATION



ELEMENT Engineering Group, LLC (EEG) has partnered with Polk County for over seven years. Located in Tampa and Orlando, their experience includes traffic/roadway engineering services, survey, subsurface utility engineering (SUE), and utility coordination. Through their many projects in Polk County and FDOT District One as a whole, they have developed an in-depth understanding of the County's processes and procedures. They recognize that each project is unique and approach every assignment with innovative yet practical ideas. surveys, jurisdictional wetland surveys, parcel surveys, right of way control maps and right-of-way maps.

### KIMLEY-HORN AND ASSOCIATES, INC. – TRAFFIC PLANNING, PUBLIC INVOLVEMENT, AND NOISE



Kimley-Horn is a full-service, multidisciplinary consulting firm offering a broad range of engineering, planning, structural, and environmental services to public and private sector clients. Founded in 1967 as a three-person transportation planning and traffic engineering firm in Raleigh, North Carolina, they opened our first Florida office in West Palm Beach the following year to serve local utilities. Today, Kimley-Horn has grown to more than 9,600 employees in over 145 offices nationwide, delivering comprehensive consulting services to local, regional, national, and international clients.

In Florida alone, they have more than 1,600 employees across 22 offices, including a local office in Lakeland, which allows Polk County to benefit from a nearby team with deep local knowledge, supported by specialized expertise throughout Central Florida.

Kimley-Horn is committed to ensuring that corridor improvements become an integral part of Polk County's commercial and residential fabric, blending functionality, safety, and aesthetics. With experience spanning thousands of transportation projects—from regional corridor studies to single intersection enhancements—their team is equipped to deliver solutions that meet both technical and community goals.

### TEST LAB, INC. – GEOTECHNICAL



Test Lab, Inc. (Test Lab) is a geotechnical and materials engineering, testing and inspection firm founded in 1972. Since its inception, Test Lab, Inc. has provided practical engineering services on over 15,000 projects for industrial clients, architects, engineers, developers, and governmental agencies. Their government agency clients include most of the municipalities in the West Central Florida region, including Polk County and Florida Department of Transportation (FDOT). Test Lab is qualified for FDOT work types 9.1, 9.2, 9.3, 9.4.1, 9.5, 10.1 and 10.3.

Test Lab is certified as a Disadvantaged Woman Business Enterprise (DWBE) by the State of Florida, the FDOT, the City of Tampa, Hillsborough County, Hillsborough County Aviation Authority (HCAA) and the Tampa Port Authority. Their laboratories are inspected annually by the Construction Materials Engineering Council (CMEC) and have been accredited by that organization in accordance with AASHTO R18.

Test Lab is very familiar with the local geology and soil conditions throughout Polk County and has performed a vast array of projects spanning nearly five decades, since our inception to present. The projects included geotechnical explorations, subsidence and sinkhole studies, pavement evaluations, materials testing, and specialty design services. Most recently, Test Lab completed geotechnical exploration for design and improvements to West Pipkin Rd from Medulla Rd to Dossey Rd. Test Lab has coordinated with Polk County regarding property access and to obtain survey data for geotechnical testing. In addition, Test Lab provided or is providing geotechnical design services for Polk Pkwy Widening for Florida's Turnpike Enterprise and Lakeland Hills Blvd Reconstruction from Parkview PI to N of Granada St for FDOT.

## **QUALITY COUNTS, LLC – TRAFFIC COUNTS**



Quality Counts is a nationwide, full-service transportation data collection firm with more than 150 employees and 16 offices across the United States. Founded in 2003, QC has supported transportation planning and engineering efforts for over two decades, including extensive experience conducting traffic data collection projects throughout Florida and within Polk County, FL.

QC has completed numerous traffic count and corridor data collection efforts in Polk County and across FDOT District One in support of PD&E studies, corridor planning, and operational analyses. Our work has included turning movement counts, volume and classification counts, multimodal data collection, and supplemental speed and safety-related data at intersections, ramps, and midblock locations. These datasets have been used to support existing conditions analysis, alternatives evaluation, and traffic forecasting for PD&E and planning studies.

## **SEARCH INC. – CULTURAL RESOURCES**



SEARCH is the largest archaeology and cultural resources management company in the United States. SEARCH specializes in the full spectrum of cultural services related to archaeology, maritime archaeology, architectural history, archives and museum services, and media production. Since 1993, SEARCH has completed more than 3,700 projects across 44 US States and 37 countries, spanning five continents and three oceans. Commercial and government customers in the Energy and Power, Defense, Federal, Transportation, and Development markets have selected SEARCH for more than \$250M in Prime contracts and \$2.3B in Team contracts. SEARCH's staff of nearly 170 employees work from over 50 facilities to conduct 300 projects per year and deploy 20 or more field teams per week. The SEARCH Transportation Group has a team of 25 archaeologists, architectural historians, historians, GIS specialists, and support personnel, who are able to utilize the expertise and resources of the entire company. The SEARCH Transportation Group's sole focus is providing world-class technical services, project management, and customer service to their clients.

## Bryan Flynn, PSM

### SUR Surveyor



#### Role

- Survey

#### Years of Experience

- 9

#### Education

- B.S., Surveying Engineering, Pennsylvania State University, 2016

#### Registration

- Professional Surveyor and Mapper (PSM), Florida, LS7387, 01/21/2022

#### Certifications

- FDOT Temporary Traffic Control: Intermediate

#### Professional Affiliations

- National Society of Professional Surveyors (NSPS)

#### Specialized Training

- Project Management Training, ELEMENT
- Leadership Training, ELEMENT

Bryan Flynn has nine years of survey, mapping, and subsurface utility engineering (SUE) experience. His strong skill set and dedication to quality make him a great asset to the ELEMENT team. Mr. Flynn coordinates daily with survey and SUE field crews, ensuring project-specific requirements are understood and accomplished. He performs survey data processing and analysis, prepares project deliverables, and is skilled in multiple software platforms including ArcGIS, MicroStation, and AutoCAD Civil 3D. He is knowledgeable in a variety of surveying services including Geodetic Control surveys, Right-of-Way (ROW) mapping, Design/Topographic surveys, Boundary surveys, and Subsurface Utility surveys. Additionally, he serves as a Safety Liaison for ELEMENT, making sure that field crew members are certified in job-specific tasks and that field operations are being performed in accordance with the best practices while meeting all local, state, and federal safety regulations.

Bryan's relevant project experience includes:

**FDOT District One, US 27 from Presidents Drive to SR 60, Polk County, FL.** SUE/Survey Office Technician. Provided survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE/Survey field book, QC-ed the surveyed designations in the UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and provided review comments to accompany the UTEXRD file to Survey. *Cost: \$925,000*

**Hillsborough County, Balm Riverview at Rhodine Road, FL.** SUR SVY/GIS/SUE Analyst. Provided survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE Survey field book, quality control of the surveyed designations in UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and providing review comments to accompany UTEXRD file to Survey. *Cost: \$258,000*

**Hillsborough County, 70th Street S over Delaney Creek, FL.** SUR SVY/GIS/SUE Analyst. Provided survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE Survey field book, quality control of the surveyed designations in UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and providing review comments to accompany UTEXRD file to Survey. *Cost: \$33,000*

**Hillsborough County, Providence at Watson, FL.** SUR SVY/GIS/SUE Analyst. Providing survey and SUE services for this project. Responsibilities included drafting the Vvh reports, creating the Vvh summary report, checking the Vvh reports against the SUE Survey field book, quality control of the surveyed designations in UTEXRD files against the field book and Vvh reports, requesting field verification of discrepancies, and providing review comments to accompany UTEXRD file to Survey. *Cost: \$100,000*

**FDOT District Seven, Good Neighbor Trail Gap from W of SR 50 Cortez Boulevard to Good Neighbor Trail, Hernando County, FL.** SUE/Survey Office Technician. SUE services were provided for this project which entailed the design of a 12-foot-wide multi-use trail that connected the Suncoast Trail to the Good Neighbor Trail as a portion of the Coast-To-Coast Connector Trail. Responsibilities included assisting the PM with overseeing the field survey crew; maintaining accurate notes, records, and sketches to describe and certify work performed; researching previous survey evidence, maps, physical evidence, and other records; attending project meetings, providing input, evaluating and managing the required field survey work, and managing and assisting with the execution of the QA/QC plan. *Cost: \$165,000*

## Brent Postma

### Senior Utility Coordinator



#### Role

- Utility Coordination

#### Years of Experience

- 16

#### Education

- Hudson High School Diploma, 1984

#### Professional Affiliations

- Florida Utilities Coordination Committee

#### Specialized Training

- Project Management Training, ELEMENT
- Leadership Training, ELEMENT
- FUCC, Utility Coordination Certification, Module #2
- Cost Estimating/Billing Process, Module #5

#### Percent Available

- 55%

Using knowledge gained during his 25-year tenure within the utility field, Brent has spent the past 16 years focused on all facets of utility coordination (UC) within infrastructure projects ranging from simple to extremely complex, and has served as a FDOT liaison for in-house UC. As a Vice President of ELEMENT and the UC group manager, he oversees all components of the firm's UC projects by providing utility relocation plans, negotiating utility work schedules, and reviewing permits in accordance with the standard policies and practices of the FDOT. His experience includes design-builds, major and minor roadway, project development and environment (PD&E), and construction projects. He is proficient in standard UC policies and procedures such as utility work highway contractor agreements (UWHCA), permit review and submittal, utility adjustment and relocation agreements, subordination of easements, conflict analysis, constructability reviews, managing advanced utility relocation activities, and processing interstate reimbursements.

Brent's relevant project experience includes:

**FDOT District One, DW CS Utility Coordination Contract, FL.** Utility Project Manager. On a Task Work Order (TWO) basis, UC services are currently being provided for the District. Responsibilities include identifying existing utility facilities, then securing agreements, work schedules, and plans from the existing utility agencies/owners (UAO) to ensure all utility conflicts are addressed and resolved. Other tasks involve conducting phase meetings, certifying all utility negotiations, reviewing roadway plans for constructability with existing and proposed utility facilities, developing utility work schedules, monitoring utility relocation work to ensure schedules are met, and reviewing new utility permit requests along the project corridor. *Contract Amount \$5,000,000.00*

**Polk County, FL, West Pipkin Rd Widening CEI, FL.** Utility Project Manager. The purpose of this project was to widen West Pipkin Road from two lanes to four lanes in order to add capacity. The limits of the widening project were from Medulla Road to SR 37. Responsibilities involved conducting utility field meetings, identifying and addressing utility conflicts, reviewing and coordinating all as-built drawings, managing relocation efforts of utility UWHCA work performed by the County's contractor, documenting and resolving potential delay claims, and attending weekly progress meetings. *Contract Amount: \$182,750.00*

**FDOT District One, SR 25/US 27 from Presidents Dr (MP 13.638) to SR 60 (MP 18.397) Blvd, Polk County, FL.** Utility Project Manager. Providing UC services for widening SR 25 from a four-lane rural roadway to a six-lane rural section from MP 13.638 to MP 15.166. Responsibilities include identifying existing utility facilities, securing agreements, work schedules, and plans from existing UAOs to ensure all utility conflicts are addressed and resolved, conducting phase meetings and certifying all utility negotiations, reviewing roadway plans for constructability with existing and proposed utility facilities, developing utility work schedules, monitoring utility relocation work to ensure schedules are met and reviewing new utility permit requests along the project corridor. *Contract Amount: \$37,382.00*

**FDOT District One, SR 82 from Lee Blvd to Shawnee Rd and SR 82 Alabama Rd to Homestead Rd, Lee County, FL.** Utility Project Manager. Provided UC for the reconstruction of SR 82 in Lee County from a two-lane rural roadway to a six-lane divided suburban roadway. Responsibilities included identifying existing utility facilities, securing agreements, work schedules, and plans from existing UAOs to ensure all utility conflicts were addressed and resolved, conducting phase meetings, and certifying all utility negotiations. Reviewed roadway plans for constructability with existing and proposed utility facilities, developed utility work schedules, monitored utility relocation work to ensure schedules were met, and reviewed new utility permit requests along the project corridor. *Contract Amount: \$17,195.00*



## Michael Garau, PE

### Public Involvement

Michael is a civil engineer with 24 years of experience on transportation projects. His primary practice area is on Project Development & Environment (PD&E) projects across Florida. He has served as project manager on various PD&E projects and prepared numerous engineering and environmental documents in accordance with FDOT's PD&E guidelines. Michael has experience implementing large-scale public involvement programs and managing public relations on controversial projects. He has also authored several technical documents and presented before a variety of audiences, including agency staff and government bodies.

### RELEVANT EXPERIENCE

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL** — Project Manager. Kimley-Horn completed a PD&E study which prepared design alternatives for the corridor to accommodate pedestrians and bicyclists, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the project's impact on the social, economic, cultural, natural, and physical environment to obtain location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. The 1.4-mile study recommends reconstructing Combee Road with a 13-ft-wide two-way left turn lane, one 12-ft-wide travel lane in each direction, and an 8-ft-wide sidewalk on both sides. The study recommendation also includes roundabouts at the intersections of Maine Avenue and Skyview Drive. *Project Cost: \$1.03M*

**Florida's Turnpike Enterprise Sand Lake Road Interchange Design, Orlando, Florida** — Project Engineer. Kimley-Horn provided structural, roadway, drainage, and lighting design, traffic control, utility coordination, environmental services, and permitting services. Our team also developed a Community Awareness Plan and led an informational public meeting. This new interchange will enhance connectivity, provide long-term mobility options, address existing and future traffic needs, and enhance access for emergency responders and during hurricane evacuations. *Project Cost: \$4.4M*

**East Selmon Expressway PD&E Study, Tampa Hillsborough Expressway Authority, Tampa, Florida** — Project Manager. The Tampa Hillsborough Expressway Authority (THEA) retained Kimley-Horn to conduct a Project Development and Environmental (PD&E) Study to evaluate the needs, costs, and effects of widening the Selmon Expressway from Brorein Street to I-75 to accommodate future traffic, improve travel time reliability, and enhance safety conditions. New ramp connections between the general use lanes and reversible express lanes are also being considered. Kimley-Horn is responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation. *Project Cost: \$6.7M*

**FDOT District One SR 72 from I-75 to Lorraine Road, Sarasota, FL** — Public Involvement Specialist. The scope of the project was for widening the existing 2-lane undivided SR 72 from east of I-75 to Lorraine Road in Sarasota County, a distance of about 3.1 miles. The proposed typical section included a 4-lane divided roadway with raised median, closed drainage system, and shared use paths on both sides. Four multilane roundabout intersections were also recommended. Kimley Horn's scope of services was for a PD&E study to prepare design alternatives for the corridor that accommodate pedestrians and bicycles with shared use paths, improve capacity, and enhance safety. The study team analyzed and assessed the project's impact on the social, economic, cultural, natural, and physical environment in accordance with FDOT policy, procedures, and requirements. Final design is an optional service after completion of the study phase. *Project Cost: \$1.1M*

**Paradise Coast Trail Vision and Feasibility Study, Naples, FL** — Public Involvement Team Leader. Kimley-Horn led development of the vision and feasibility study for the 70 miles of Paradise Coast Trail in support of the Naples Pathway Coalition (NPC), FDOT District One, Collier County, the City of Naples, and the Collier MPO. The vision encompassed development of a conceptual corridor, action plan, and promotional toolkit. The completed Vision enabled NPC to successfully pursue state and local funding for the Paradise Coast Trail Feasibility Study. Kimley-Horn oversaw development of the feasibility study, which consisted of a partner agency Project Charter; a systemwide existing conditions summary; stakeholder and public outreach including use of Kimley-Horn's KollabSpace virtual meeting space platform; a comprehensive feasibility analysis with identification of preliminary alternatives; an implementation action plan to define the path forward to program and systematically complete the system; and the final pathway report. The project was completed on time and with full concurrence of all agency partners. *Project Cost: \$350K*

### EDUCATION

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

### CERTIFICATIONS/REGISTRATION

- Professional Engineer, Florida, 60715

### AVAILABILITY

- Current: 60%
- Projected: 70%



## Sarah Johnson

*Wetlands/Water Quality/Permitting/Wildlife/Contamination*

Sarah has more than more than 24 years of experience in managing and conducting public- and private-sector projects, biological assessments, wetland delineations, species surveys, mitigation, National Environmental Policy Act (NEPA) studies and documentation, geographic information system (GIS), photointerpretation, and related studies. Sarah has assisted FDOT with providing the NEPA environmental documentation for Type 2 Categorical Exclusions, reevaluations, and minor projects within the SWEPT platform.

### RELEVANT EXPERIENCE

**Thompson Nursery Road Extension, Winter Haven, FL** — Environmental Scientist. Kimley-Horn is providing roadway and structural design services for this 6.4 mile widening and extension project between US 17 and West Lake Ruby Drive in Winter Haven. The project is being designed in phases, and Kimley-Horn has completed the design of Segment 1 and is finalizing an alignment study and final design plans for the design/construction of Segments 2, 4, and 5. Services also include structural design, signing and pavement marking, signalization design, environmental permitting, contamination assessments, utility coordination, drainage design, railroad coordination. *Project Cost: \$6.2M*

**Fort Hamer Road and Bridge PDE Study and Final Design, Manatee County, FL** — Environmental Scientist. Kimley-Horn was the prime consultant for the PDE study and final design for widening of the existing two-lane Fort Hamer Road to four lanes from Upper Manatee River Road to US 301, approximately four miles, within unincorporated Manatee County. The scope of services included an evaluation of the traffic needs, intersection control evaluations, pond siting, bridge analysis, bridge hydraulics, contamination screening, natural resource evaluation, cultural resource assessment, and public involvement to FDOT standards. The PDE study was conducted to FDOT standards to maintain federal funding eligibility for future phases. The bridge (Bridge #134123) included within the project limits, carrying Fort Hamer Road across the Manatee River, is also proposed to be widened to four lanes. The goal of this project is to address the capacity and transportation demand of the corridor while enhancing safety conditions and better accommodating multimodal activity within the area. *Project Cost: \$13M*

**FDOT District One SR 72 from I-75 to Lorraine Road, Sarasota, FL** – Environmental Scientist. Environmental Lead. The scope of the project was for widening the existing 2-lane undivided SR 72 from east of I-75 to Lorraine Road in Sarasota County, a distance of about 3.1 miles. The proposed typical section included a 4-lane divided roadway with raised median, closed drainage system, and shared use paths on both sides. Four multilane roundabout intersections were also recommended. Kimley Horn’s scope of services was for a PD&E study to prepare design alternatives for the corridor that accommodate pedestrians and bicycles with shared use paths, improve capacity, and enhance safety. The study team analyzed and assessed the project’s impact on the social, economic, cultural, natural, and physical environment in accordance with FDOT policy, procedures, and requirements. Final design is an optional service after completion of the study phase. Environmental tasks included assessing the project corridor for wetland and protected species habitat, conducting federally protected species surveys (Florida bonneted bat and crested caracara), preparing the Natural Resources Evaluation report and the Type 2 Categorical Exclusion document, and coordinating with agencies. *Project Cost: \$1.1M*

**East Selmon Expressway PD&E Study, Tampa Hillsborough Expressway Authority, Tampa, , FL** — Environmental Scientist. The Tampa Hillsborough Expressway Authority (THEA) retained Kimley-Horn to conduct a Project Development and Environmental (PD&E) Study to evaluate the needs, costs, and effects of widening the Selmon Expressway from Brorein Street to I-75 to accommodate future traffic, improve travel time reliability, and enhance safety conditions. New ramp connections between the general use lanes and reversible express lanes are also being considered. Kimley-Horn is responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation. *Project Cost: \$6.7M*

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL** — Environmental Scientist. Kimley-Horn performed a PD&E study which prepared design alternatives for the 1.4-mile corridor to accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the projects impact on the social, economic, cultural, natural, and physical environment to develop the location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. *Project Cost: \$1.03M*

### EDUCATION

- Master of Science, Zoology, University of Oklahoma
- Bachelor of Science, Zoology, Ohio Wesleyan University

### CERTIFICATIONS/REGISTRATION

- Cert Senior Ecologist in ESA

### AVAILABILITY

- Current: 75%
- Projected: 70%



## Tori Bacheler

### ETDM/Sociocultural Effects

Tori has 13 years of experience working with state and federal agencies conducting endangered species surveys, delineating wetlands, designing wetland mitigation and restoration areas, and permitting projects throughout Florida. She is also a Florida Fish and Wildlife Conservation Commission (FWC) certified gopher tortoise agent for surveying and backhoe excavation supervision. Her expertise includes conducting environmental assessments to determine potential listed species habitat and wetland habitat types to determine permitting implications. She also is an expert in permitting linear infrastructure including utility lines (aerial and underground) and roadways.

### RELEVANT EXPERIENCE

**Districtwide ETDM Support, FDOT District Four** — Environmental scientist responsible for conducting several ETDM Programming Screenings within Palm Beach County and Broward County. Projects included 10th Avenue North/I-95 Interchange, Atlantic Avenue Widening, and Lantana Road/I-95 Interchange. ETDM screening included creating project description and purpose and need; review local comprehensive plans and Long Range Transportation Plans; review funding within the Transportation Improvement Program and State Transportation Improvement Program; digitize project within ETDM to run GIS analysis within the Environmental Screening Tool (EST); prepare sociocultural effects evaluation reviews; prepare Advance Notification package; review and respond to Environmental Technical Advisory Team (ETAT) comments, assigning Degree of Effect (DOE) for each category, and preparing the ETDM Programming Screen Summary Report. *Project Cost: Ongoing*

**City of Tallahassee, Capital Circle Southwest (Extension) PD&E Study** — Environmental Scientist. Kimley-Horn performed a PD&E study for Capital Circle Southwest from Blountstown Highway to Crawfordville Road. The goal of the project was to ensure that the transportation improvements also incorporated regional stormwater solutions, incorporated greenways, protected and enhanced the natural environment, included aesthetic enhancements, and sought opportunities to include recreation improvements. Services included data collection, traffic analysis, and meetings with local, state, and federal reviewers. Public involvement services involved working with a wide cross-section of community stakeholders and technical experts, and creation of multiple newsletters discussing project elements. Project Highlights:- Efficient transportation decision making (ETDM)- Transportation improvements incorporating greenways and environmental protection- Extensive public involvement services- Significant water management issues associated with Bradford Brook Chain of Lakes- Wetland issues related with sink hole lakes and large wetland systems. *Project Cost: \$27K*

**FDOT PDE and ETDM Support Services 2022, FL** — Project manager and environmental scientist responsible for conducting several ETDM Programming Screenings districtwide. Projects included 10th Avenue North/I-95 Interchange, Atlantic Avenue Widening, and Lantana Road/I-95 Interchange. ETDM screening included creating project description and purpose and need; review local comprehensive plans and Long Range Transportation Plans; review funding within the Transportation Improvement Program and State Transportation Improvement Program; digitize project within ETDM to run GIS analysis within the Environmental Screening Tool (EST); prepare sociocultural effects evaluation reviews; prepare Advance Notification package; review and respond to Environmental Technical Advisory Team (ETAT) comments, assigning Degree of Effect (DOE) for each category, and preparing the ETDM Programming Screen Summary Report. Also under this Districtwide contract, projects included seagrass surveys for bridge projects in St. Lucie County, and a feasibility study at the Savannas Preserve State Park. *Project Cost: \$20K*

**East Selmon Expressway PD&E Study, Tampa Hillsborough Expressway Authority, Tampa, FL** — Environmental Scientist. The Tampa Hillsborough Expressway Authority (THEA) retained Kimley-Horn to conduct a Project Development and Environmental (PD&E) Study to evaluate the needs, costs, and effects of widening the Selmon Expressway from Brorein Street to I-75 to accommodate future traffic, improve travel time reliability, and enhance safety conditions. New ramp connections between the general use lanes and reversible express lanes are also being considered. Kimley-Horn is responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation. *Project Cost: \$6.7M*

### EDUCATION

- Master of Science, Marine Biology, Nicholls State University
- Bachelor of Science, Wildlife Management, University of Florida

### CERTIFICATIONS/REGISTRATION

- Pro Wetland Scientist, FL, 3486
- Gopher Tortoise Agent, FL, GTA-22-00003

### AVAILABILITY

- Current: 75%
- Projected: 80%



## Tad Hardy, P.E.

### Noise

Tad is a transportation engineer with 13 years of experience specializing in traffic noise analysis and mitigation as well as NEPA documentation preparation. He has been involved in noise modeling and documentation for a variety of projects ranging from simple intersection improvements to roadway widenings and complex interchange improvements. He has successfully completed the National Highway Institute Highway Traffic Noise and FHWA TNM 2.5 courses and has provided traffic noise data collection and analysis services for multiple projects throughout the Southeast and Southwest. Tad also assists with public outreach efforts and has participated in numerous public involvement meetings. He also is proficient in the use of GIS and traffic noise modeling software, including ArcMap and TNM 2.5.

## RELEVANT EXPERIENCE

**FDOT District One I-75 (SR 93) at CR 876/Daniels Parkway Diverging Diamond Interchange, Fort Myers, FL** — Project Manager. Kimley-Horn is responsible for the preparation of construction plans for this operational improvement project at the I-75/Daniels Pkwy (CR 876) Interchange. The project involves DDI alternatives evaluation, IMR support, preparation of construction plans, environmental permitting, public involvement and support for the Type 1 Categorical Exclusion (CE). Services include roadways, drainage, traffic control plans, signing and pavement marking, lighting, ITS relocations, environmental permitting, and miscellaneous structure design. *Project Cost: \$2.4M*

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL** — Noise Task Manager. Kimley-Horn performed a PD&E study which prepared design alternatives for the 1.4-mile corridor to accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the projects impact on the social, economic, cultural, natural, and physical environment to develop the location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. FDOT considered roundabout intersections that had been shown to have safety and traffic operation benefits for all roadway users. *Project Cost: \$1.03M*

**FDOT District Three SR 263 (Capital Circle SW) from Springhill Drive to SR 371 (Orange Avenue) Multi-lane Reconstruction, Tallahassee, FL** — Project Engineer. Kimley-Horn is providing a full range of roadway design services for this four-mile section of SR 263. Our tasks include public involvement, traffic analysis, maintenance of traffic, erosion control, signing and pavement marking, as well as stormwater management, design, and permitting. The project will require significant coordination with the City of Tallahassee and the Tallahassee International Airport Authority (TIAA) to ensure the design contributes a gateway entry to the City. *Project Cost: \$3.7M*

**FDOT District One US 41 at Gulfstream Avenue Roundabout PD&E Study and Final Design, Sarasota, FL** — Project Engineer. Kimley-Horn performed engineering services for the state's first State-Wide Acceleration and Transformation (SWAT) project for the multi-lane roundabout. Designated as a SWAT project, the PD&E and Design efforts overlap to reduce schedule and streamline efficiency. This project included full reconstruction of the intersection to a roundabout configuration, pedestrian signals, lighting, landscape, ADA and drainage improvements. This is the first partial 3 lane roundabout in the state and due to its complexity an emphasis has been placed on public involvement for this project. Design improvements for this constrained urban intersection addressed multi-modal transportation, pedestrian connectivity/safety enhancements and balanced roundabout performance criteria such as fastest path analysis and design vehicle movements. *Project Cost: \$2.8M*

**City of Tallahassee, Capital Circle Southwest (Extension) PD&E Study, Bay County, FL** — Noise Task Manager. Kimley-Horn performed a PD&E study for Capital Circle Southwest from Blountstown Highway to Crawfordville Road. The goal of the project was to ensure that the transportation improvements also incorporated regional stormwater solutions, incorporated greenways, protected and enhanced the natural environment, included aesthetic enhancements, and sought opportunities to include recreation improvements. Services included data collection, traffic analysis, and meetings with local, state, and federal reviewers. Public involvement services involved working with a wide cross-section of community stakeholders and technical experts, and creation of multiple newsletters discussing project elements. *Project Cost: \$3.2M*

## EDUCATION

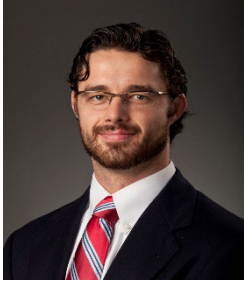
- Master of Science, Civil Engineering, Clemson University
- Bachelor of Science, Civil Engineering, Clemson University

## CERTIFICATIONS/REGISTRATION

- Professional Engineer, SC, 34671
- Professional Engineer, NC, 043169

## AVAILABILITY

- Current: 65%
- Projected: 65%



## Mike Woodward, PE

### Traffic Planning

Mike is a transportation engineer with 21 years of experience, specializing in corridor and arterial investment studies, bicycle and pedestrian planning, T-intersection design, signal system retiming, and transit facility analyses. He has served as project manager and engineer for several of Kimley-Horn's general planning and/or traffic engineering consultant services contracts for clients, including the cities of Casselberry, Winter Park, Apopka, Windermere, Osceola County, FDOT, and LYNX. Mike's responsibilities have included trail feasibility and design, design traffic reports, multimodal master plans, sidewalk design, operational assessments, safety studies, impact and mobility fees, and prioritization of county and city projects.

### RELEVANT EXPERIENCE

**Thompson Nursery Road Extension, Polk County, FL** — Project Engineer. Kimley-Horn is providing roadway and structural design services for this 6.4 mile widening and extension project between US 17 and West Lake Ruby Drive in Winter Haven. The project is being designed in phases, and Kimley-Horn completed the design of Segment 1 (started by another firm) and is finalizing the alignment study and final design plans for the design/construction of Segments 2, 4 and 5. Services also include structural design, signing and pavement marking, signalization design, environmental permitting, contamination assessments, utility coordination, drainage design, and railroad coordination. *Project Cost: \$6.2M*

**FDOT District One SR 659 (Combee Road) PD&E Study from US 98 to North Crystal Lake Drive, Lakeland, FL** — Project Engineer. Kimley-Horn completed a PD&E study which prepared design alternatives for the corridor to accommodate pedestrians and bicyclists, improve transit facilities, and optimize vehicle access. The study team analyzed and assessed the project's impact on the social, economic, cultural, natural, and physical environment to obtain location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements. The 1.4-mile study recommends reconstructing Combee Road with a 13-ft-wide two-way left turn lane, one 12-ft-wide travel lane in each direction, and an 8-ft-wide sidewalk on both sides. The study recommendation also includes roundabouts at the intersections of Maine Avenue and Skyview Drive. *Project Cost: \$1.03M*

**63rd Avenue East Project Development and Corridor Study, Manatee County, FL** — Project Manager. Kimley-Horn was contracted to perform a corridor study of 63rd Avenue East from US-301 to Tuttle Avenue. The purpose of the study was to develop corridor alternatives for reducing congestion, improving safety, and operational performance along with addressing future transportation needs. Kimley-Horn was responsible for conducting project coordination, agency coordination, and the development of conceptual layouts. Our team also evaluated impacts on natural resources, cultural resources, and potential contamination that could occur as a result of this project. *Project Cost: \$256K*

**City of Winter Park Continuing Transportation Planning (aka Orange Avenue Master Plan, aka Orange Avenue Corridor Study), Winter Park, FL** — Project Manager. Kimley-Horn has provided a variety of transportation planning and transportation engineering services to the City of Winter Park, including updates to the City's Transportation Element, development of a Mobility Plan, and a corridor study for Orange Avenue. The Orange Avenue Corridor Study included public involvement, an assessment of existing conditions, development of best practices, and recommendations of specific concepts in support of the Orange Avenue Overlay. *Project Cost: \$34K*

**City of Longwood, Professional Consulting Services (Transportation), Longwood, FL** — Project Manager. Kimley-Horn was selected to perform professional engineering services(Transportation) to include design, planning, permitting and review in accordance with the City of Longwood's 5-Year Transportation Capital Improvement Plan. This project includes multimodal improvements, a bicycle and pedestrian master plan, public involvement (meetings, workshops, newsletters),sidewalk, re-construction of curb ramps and installing crosswalks to meet ADA standards, safe routes to schools, connections to the regional Sun Rail station, on-street parking plans, bicycle lanes and all related signing, signaling, path, milling and widening associated with each project. *Project Cost: \$120K*

### EDUCATION

- Bachelor of Science, Civil Engineering, Michigan State University

### CERTIFICATIONS/REGISTRATION

- Professional Engineer, Florida, 70009

### AVAILABILITY

- Current: 65%
- Projected: 65%

# RODRIKAS JONES

## Traffic Counts

Rodrikas Jones has over 18 years of experience in transportation data collection projects. He has acted as Project Manager for turning movement counts, tube counts, parking occupancy and inventory studies, and origin-destination studies. He prides himself on his history of managing a variety to innovative projects. These include, but are not limited to, curbside data collection, drone studies, and Bluetooth data collection. With the knowledge that Rodrikas has gained from his hands-on work as a technician in the field, his years of data collection knowledge, and his years of seeing projects through his project life cycle, he assures that every project is completed efficiently and to the highest level of quality.

**FDOT DISTRICT 1 | DISTRICTWIDE OD AND TRAVEL TIME STUDIES** – Project Manager for this contract (with S&ME as the prime) to analyze origin-destination and trip length data in three separate corridors for the development of transportation masterplans QC analyzed four years of GPS data broken down by month to separate tourist-heavy periods from commuter-only periods. QC delivered the data in various formats to make easier comparison over time, and to see overall patterns. **\$12,500**

**FDOT DISTRICT 1 | CITY OF NAPLES TMCS** – Project Manager for this project that was tasked by FDOT through our Complete Streets contract (with S&ME as the prime) to collect traffic data at 15 intersections within the downtown grid to determine peak AM and PM traffic periods. The grid included US-41, Goodlette-Frank Road, and Golden Gate Pkwy. QC collected 14-hour manual turning movement counts at each intersection via camera. All intersections were filmed concurrently during the same day. **\$21,930**

**FDOT D4 | CONTINUING SERVICES FOR TRAFFIC DATA COLLECTION AND ROUTINE COUNTS | F.R. ALEMAN** – Quality Counts is a part of the team that is executing the D4 annual statistics contract. QC is responsible for collecting designated sites that consist of 48-hour Class and Volume counts. In addition, QC is responsible for collecting locations using the PTMS sites and uploading data according to the FDOT requirements. All counts for this contract were completed on time and on budget. **\$12,754**

**MANATEE COUNTY | TRAFFIC COUNTS** – Project Manager for this contract to provide data collection for the County of Manatee. This contract is an optional four-year contract with one-year renewals. Under this contract, QC provides volume count data for existing locations as chosen by the county. Under the contract we have collected over 100 locations of 24-hour volume counts, and they have all been delivered on time. **\$10,135**

**HIGHLANDS COUNTY | TRAFFIC COUNTS** – Principal-in-Charge for this contract with the Highland County Board of Commissioners to collect 30 24-hour volume, speed, and class tube locations. The traffic counts were assembled in a tabular format, a pdf format, and in the appropriate software for which the equipment operates. The GPS coordinates of each count location was provided so that each count location could be mapped using GIS. **\$4,950**



### CONTACT

- 📍 Tampa, FL
- ✉️ [rjones@qualitycounts.net](mailto:rjones@qualitycounts.net)
- ☎️ 571.585.9225

### EDUCATION

Health Service Administration |  
University of Central Florida |  
Orlando, FL

### YEARS OF EXPERIENCE

18



TRUE DATA TO IMPROVE MOBILITY





## Matt V. Nowak, RPA

### Cultural Resources

**Matt V. Nowak, MA, RPA**, has more than nine years of professional experience in cultural resources project management, field survey, and project reporting. He supports SEARCH's Transportation, Energy, and Federal Groups and was responsible for project management, field survey, project reporting, equipment tracking, and employee development. Mr. Nowak has been responsible for Phase I surveys to Phase III data recovery mitigations as a Field Director and Crew Lead. Mr. Nowak's qualifications meet those set forth by the *Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation* (48 FR 44716-42).

#### EDUCATION

MA	2022	Archaeology and Heritage. University of Leicester
Cert	2018	Cultural Resource Management - Archaeology. Missouri State University
BS	2017	Anthropology. Missouri State University

#### PROFESSIONAL REGISTRATIONS AND ASSOCIATIONS

Register of Professional Archaeologists #5201

#### SELECT PROJECT EXPERIENCE

**Principal Investigator**, Cultural Resource Desktop Analysis for the Lake Hancock Multi-Use Trail Connection Master Plan, Polk County, Florida. SEARCH completed a desktop analysis to evaluate the eight identified corridors (Trail Corridors A–H) currently planned to contribute to the contiguous multi-use trails around Lake Hancock. Once preferred trail footprints are selected, the APE for each should be defined and a Phase I CRAS should be conducted. Conducted for Patel, Greene & Associates, LLC (PGA), for Polk County, Florida. \$15,860.00

**Project Archaeologist**, Phase I Cultural Resource Assessment Survey in Support of the Poinciana Parkway Extension and eight Stormwater Pond locations, Osceola and Polk Counties, Florida. The archaeological survey of the 103-acre APE included 103 shovel tests resulting in the update of previously recorded archaeological sites 8OS00151 and 8OS02941. No historic structures were identified within the APE. Conducted for Dewberry Engineers, Inc. for Central Florida Expressway Authority. \$14,079.00

**Principal Investigator**, Cultural Resource Assessment Survey of I-75 from North of Golden Gate Parkway to South of Corkscrew Road PD&E, Lee and Collier Counties, Florida. FM #452544-1. The Phase I survey was completed to support roadway improvements and 14 existing pond locations along the 18-mile corridor. The fieldwork included a pedestrian survey and the excavation of 118 shovel tests; all of which were negative for artifacts. No architectural cultural resources were present in the project area. Conducted for AIM Engineering & Surveying, Inc. (AIM), for the Florida Department of Transportation District One. \$95,377.78

**Principal Investigator**, Cultural Resources Assessment Survey for the CR 769 (Kings Highway) from Charlotte County Line to Peace River Street, Charlotte and DeSoto Counties, Florida. FM #440342-1. The survey for the 1-mile segment consisted of a pedestrian survey and five shovel tests. The architectural history survey resulted in the identification and evaluation of previously recorded linear Resource 8CH02007/8DE00861, Kings Highway. Conducted for Kisinger Campo and Associates for the Florida Department of Transportation District One. \$47,821.33



## Igor (Igon) Kratser, P.E. - Geotechnical

**Mr. Kratser, P.E.** has been with Test Lab for almost 14 years and has over 22 years of project management and geotechnical engineering experience. His geotechnical experience includes roadway and bridge design, residential and commercial building design, pavement and earthwork recommendations and considerations. His experience also includes construction oversight on: high-level embankments, driven piles, drilled shafts and MSE walls, as well as geotechnical design and recommendations associated with poor soil conditions including sinkhole activity and compressible soils. He has performed geotechnical services for roadway and bridge projects within FDOT Districts I, III, V, VII, Florida's Turnpike Enterprise, as well as various Florida municipalities and expressway authorities, including City of Lakeland and Polk County.

### Project Experience:

West Pipkin Road Widening, Polk County [\$135,000]  
 US 98 from Polk CL to US 301 (Segment 1) (**Ongoing**) [\$120,000]  
 SR 33 Complete Streets Improvements from Parkview Place to Granada Street [\$50,000]  
 Resurface Polk Parkway MP 0.00 to MP 8.00 [\$20,000]  
 SR 33 (Lakeland Hills Blvd.) Reconstruction from Parkview Place to N of Granada Street [\$16,000]  
 SR 559 at CR 557A, Camp Gilead Dr Intersection Improvement [\$12,000]  
 Oak Park Phase III Subdivision [\$10,000]  
 Cemex Plant Entrance Roadway Evaluation [\$2,000]  
 Cinco Soccer Complex [\$2,500]  
 Jiffy Lube – Lakeland [\$1,000]  
 SR 60 W of Dude Ranch Rd to E of Rattlesnake Rd [\$17,000]  
 Audi Lakeland [\$6,000]  
 SR 572 at Waring Road Roundabout (**Ongoing**)  
 US 92, SR 600, at Fish Hatchery Road [\$25,000]  
 Old Combe Road Development, City of Lakeland  
 Ernie Caldwell Boulevard from County Road 547 to State Road 17/92 Polk County, Florida  
 Urgent Care Medical Building, City of Lakeland  
 LDS Church Parking Lot Assessment, City of Lakeland  
 Central Polk Parkway PD&E – FDOT, Polk County  
 Lake Bluff - Segmental Retaining Wall Design, Polk County  
 Meadows - Segmental Retaining Wall Design, Polk County  
 Bella Nova Lake - Segmental Retaining Wall Design, Polk County  
 Love's Travel Stop - Segmental Retaining Wall Design, Polk County  
 Audi Dealership - Segmental Retaining Wall Design, Polk County  
 City of Tampa Design Services (Continuing) Consolidated Rental Car Facility and Automated People Mover, Tampa International Airport

### Corporate Title

Vice President / Director of Engineering

### Education

B.S., Civil Engineering,  
 University of South Florida, 2004

### Professional Registration

Florida Professional Engineer, No. 73129, Exp. 2/28/2023  
 Date Issued: 6/2011

### Years of Experience: 22

### Certificates

SmartPile - Embedded Data Collector (EDC) Certificate

### Professional Affiliations, Honors and Awards

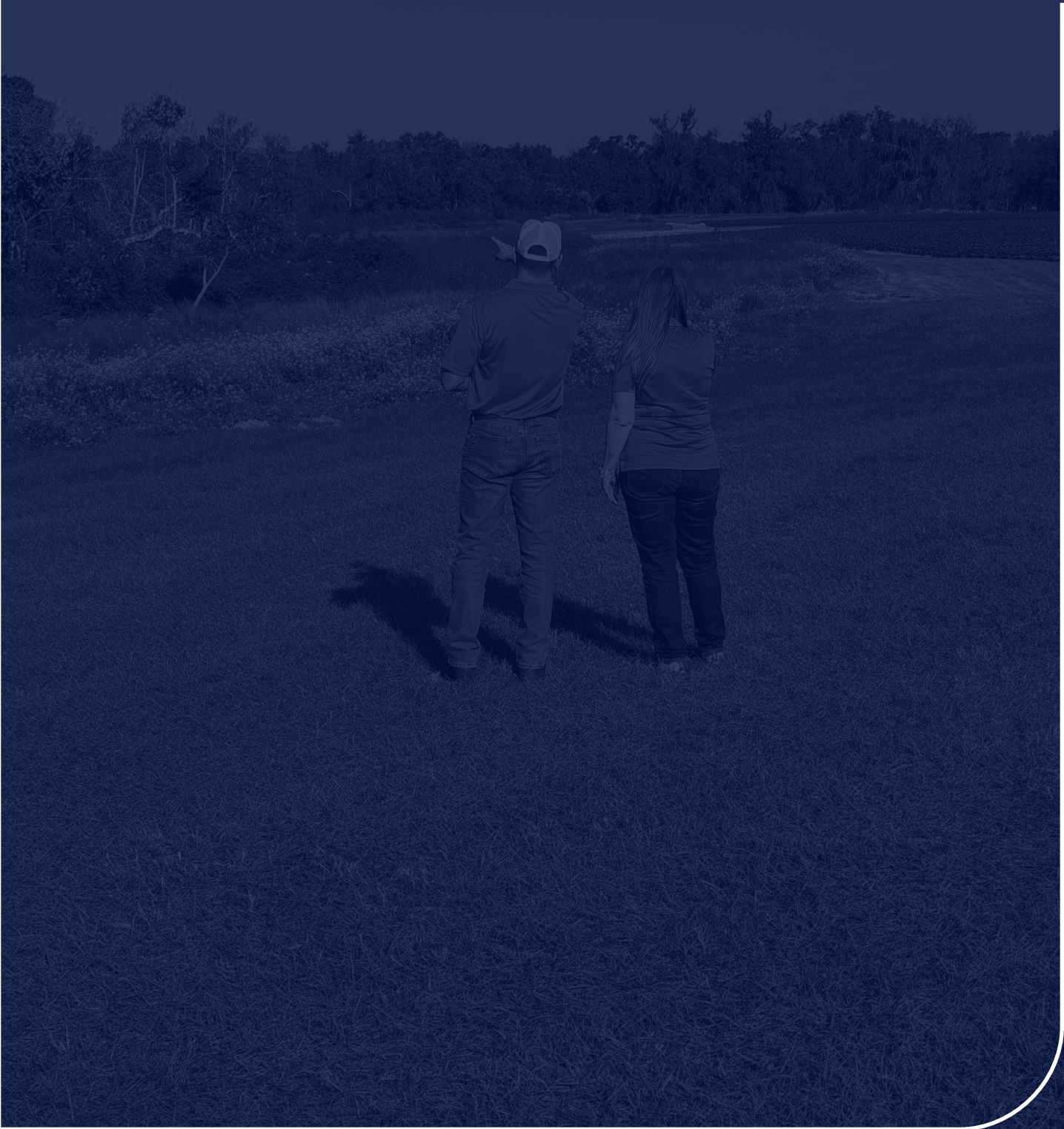
American Society of Civil Engineers (ASCE)

ASCE West Coast Branch,  
 Vice President - Younger Members Group 2011 to 2012

### Specialties:

*Project Management*  
*Deep Foundation Design*  
*Pile Foundations*  
*Drilled Shaft Foundations*  
*Shallow Foundation Design*  
*Roadway Soil Surveys*  
*Retaining Wall Design*  
*MSE Walls*  
*Sheetpile Walls*  
*Soldier Pile Walls*  
*Pavement Evaluation*  
*Settlement Evaluations*  
*Slope Stability*  
*In-Situ Soil Improvement*  
*Ground Subsidence Investigations*  
*Vibration Evaluation*

# Interaction with County & Regulatory Agency Staff



## — INTERACTION WITH REGULATORY AGENCIES

PGA has successfully obtained many environmental resource permits through the USACE, SWFWMD, and FDEP. Some of our more ambitious projects were on Polk County projects, including West Pipkin Rd and Ernest M. Smith Blvd (EMSB). The West Pipkin Rd design called for a significant amount of basin combination as well as multiple “smart box” structures. The innovative design concepts eliminated several pond sites that saved the County considerable costs in R/W acquisition. The EMSB alignment encroached into over 800,000 cubic yards of the FEMA floodplain for Saddle Creek. By preparing a hydraulic model for Saddle Creek and downstream improvements at Old Bartow Eagle Lake Rd, we were able to demonstrate no rise in the water surface elevation without floodplain compensation saving the County significant R/W costs. PGA has also worked with FEMA on several recent projects, including obtaining a Conditional Letter of Map Revision (CLOMR) for the new crossing of EMSB over Saddle Creek and Ewell Rd over Poley Creek.

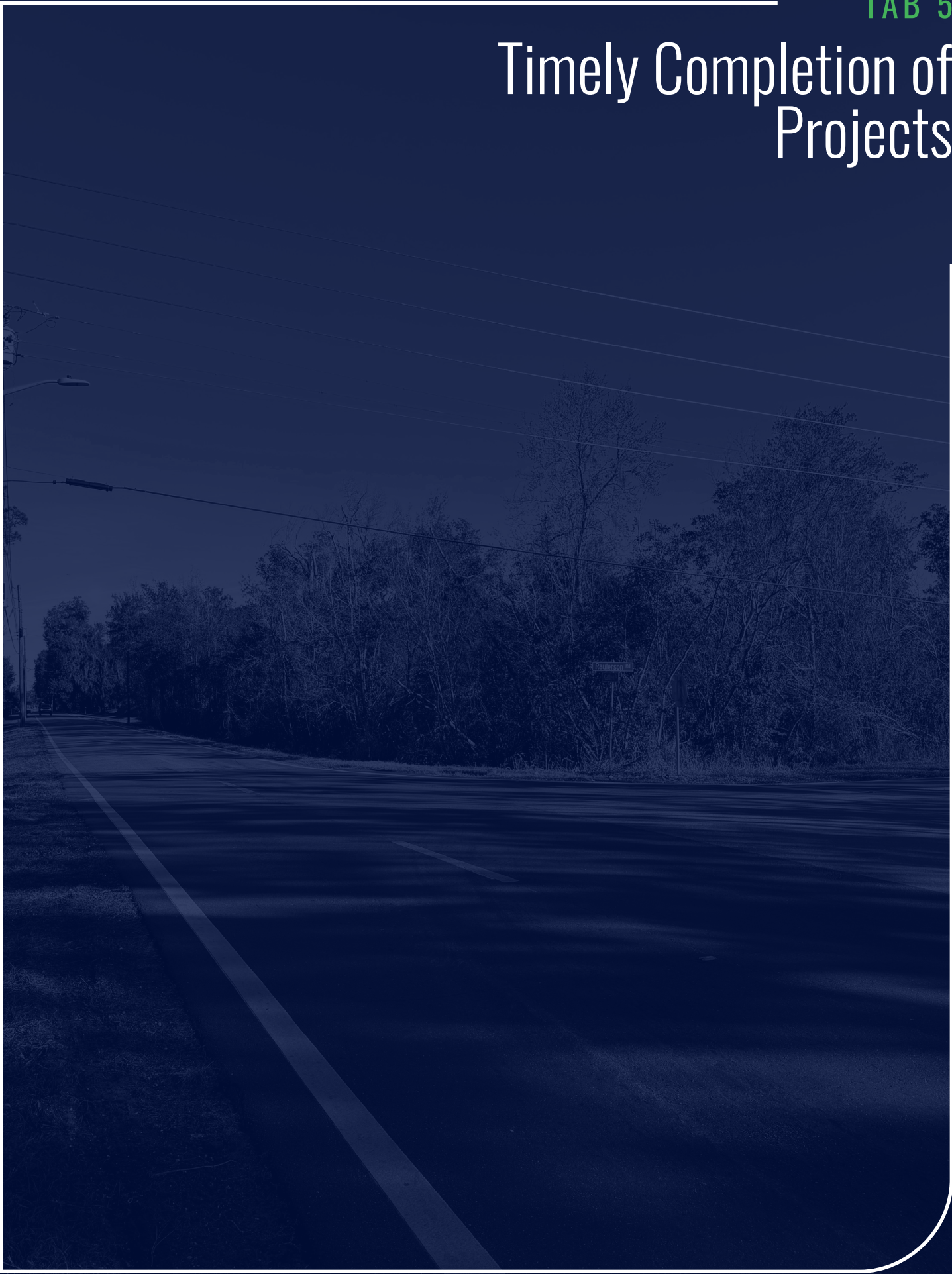
Our environmental staff have extensive experience with protected species surveys, consultation, and permitting with the US Fish and Wildlife Service and the Florida Fish and Wildlife Conservation Commission. The Polk Pkwy Extension from US Hwy 17 to SR 60 is a recent example that required technical assistance from USFWS and FWC, and surveys for the Florida bonneted bat, crested caracara, and gopher tortoises. The surveys were completed and approved by the agencies within the allotted project schedule.

### CAPABILITIES MATRIX

We have included a table below that summarizes our overall team experience with all the regulatory agencies and county divisions listed in the RFP.

KEY TEAM MEMBER	Polk Co Roads & Drainage	Polk Co Proc.	Polk Co Building Division	Polk Co Codes Division	Polk Co Attorney's Office	FDOT	SWFWMD	FDEP	USFWS	USACE
Kim Warren	✓	✓	✓			✓	✓	✓	✓	✓
Jonathan Jones, PE	✓	✓				✓	✓			
Gordon Greene, PE	✓	✓				✓	✓	✓		
Joseph Lauk, PE	✓	✓				✓	✓			
Adam Perez, PE	✓	✓				✓	✓			
Tim Polk, PE	✓	✓			✓	✓	✓			
Chad Thompson, PE						✓	✓	✓		
Alayna Delgado, AICP	✓	✓				✓			✓	✓
Terry Cartwright	✓	✓				✓	✓	✓	✓	✓
Susan Durrance	✓	✓				✓	✓	✓	✓	✓
Manny Monreal, PE	✓	✓				✓	✓			
Sean Siwiecki, PE	✓	✓				✓	✓			
Tommy Peake, PE	✓	✓				✓				
Vischal Persaud, PE, PTOE, RSP1	✓	✓				✓				
Lucas Cruse, AICP	✓	✓				✓				
Emily DeGaetano, PLA, ISA	✓	✓				✓				
Bryan Flynn, PSM (EEG)	✓	✓	✓			✓	✓	✓		
Brent Postma (EEG)	✓	✓				✓				
Michael Garau, PE (KHA)	✓	✓	✓	✓		✓	✓	✓	✓	✓
Sarah Johnson (KHA)	✓	✓				✓	✓	✓	✓	✓
Tori Bacheler (KHA)	✓	✓				✓	✓	✓	✓	✓
Tad Hardy, PE (KHA)	✓	✓	✓	✓		✓	✓	✓		
Mike Woodward, PE (KHA)	✓	✓		✓		✓		✓		
Rodrikas Jones (QC)						✓				
Matt Nowak, RPA (SEA)	✓	✓	✓	✓		✓	✓	✓		
Igon Kratser, PE (TLI)	✓	✓		✓		✓		✓		

# Timely Completion of Projects



## TIMELY COMPLETION OF PROJECTS

With our large W Pipkin Rd project nearing the end of construction and our current projects nearing final design, the key team members shown in the workload chart below have availability now for this project and will continue to have excellent availability as this work comes on line and throughout the life of the project.

PGA carefully coordinates work efforts with internal meetings on a weekly basis that include project managers, task managers, and staff in order to review and stay up to date on our current and projected workloads. We analyze all project schedules, ensuring all of our current projects are properly staffed. Our priority is to meet or beat all project commitments and ensure our clients are completely satisfied. We are aided in this effort by the fact that all major disciplines (planning, NEPA compliance, roadway, drainage, structures, environmental, permits, traffic, landscape architecture, and community engagement) are handled in-house at PGA, which gives us the capability to monitor our projects' progress on a daily basis. We take pride in our ability to develop cost-effective solutions and look forward to exceeding your expectations on this contract.

We have assembled our team to handle the complete scope that is described in the RFP, which includes Task 1: Alignment Study, as well as Task 2, should we move forward into design. Some of these services are provided by our subconsultant partners. We have provided a summary of the key staff members that will be working on this contract. If PGA is fortunate enough to win this contract, you not only get the team we are proposing, but , but **PGA will commit all necessary resources from our firm of over 150+ staff members to ensure this project is a success.**

## PGA KEY STAFF WORKLOAD AND LOCATION

### PGA ROLES: PROJECT MANAGEMENT, PD&E, ENVIRONMENTAL, ROADWAY, DRAINAGE, STRUCTURES LANDSCAPE ARCHITECTURE, MULTIMODAL

KEY PGA STAFF	Project Role	Current Workload	Future Workload	Office Location	Home Location
Kim Warren	Project Manager	30%	25%	Bartow	Bartow
Jonathan Jones, PE	Deputy Project Manager	35%	35%	Bartow	Lakeland
Gordon Greene, PE	PiC & QA/QC Manager	50%	45%	Bartow	Homeland
Joseph Lauk, PE	Type 2 CE & PER QC	60%	50%	Bartow	Lakeland
Adam Perez, PE	Roadway QC	60%	50%	Temple Terrace	Zephyrhills
Tim Polk, PE	Drainage QC	60%	50%	Bartow	Wauchula
Chad Thompson, PE	LAP Compliance	30%	25%	Tallahassee	Tallahassee
Alayna Delgado, AICP	PD&E	25%	20%	Tampa	Tampa
Terry Cartwright	Environmental	35%	30%	Tampa	Tampa
Susan Durrance	Environmental	35%	30%	Bartow	Wauchula
Manny Monreal, PE	Drainage	30%	30%	Bartow	Lakeland
Sean Siwiecki, PE	Drainage	30%	25%	Bartow	Plant City
Tommy Peake, PE	Structures	40%	35%	Temple Terrace	Land O' Lakes
Vischal Persaud, PE, PTOE, RSP1	Access Mgmt./Traffic Sup.	40%	35%	Orlando	Orlando
Lucas Cruse, AICP	Multimodal	40%	35%	Temple Terrace	St. Petersburg
Emily DeGaetano, PLA, ISA	Landscape Architecture	50%	45%	Tampa	Tampa

**— SUBCONSULTANT WORKLOAD AND LOCATION**



**ELEMENT ENGINEERING GROUP ROLES: SURVEY, SUE, AND UTILITY COORDINATION**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Bryan Flynn, PSM	Survey	45%	40%	Tampa
Brent Postma	Utility Coordination	45%	40%	Tampa

**Kimley»Horn KIMLEY-HORN AND ASSOCIATES ROLES: PUBLIC INVOLVEMENT, TRAFFIC PLANNING, NOISE**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Michael Garau, PE	Public Involvement	40%	30%	Winter Garden
Sarah Johnson	Noise	25%	25%	Temple Terrace
Tori Bacheler	Traffic Planning	25%	20%	Charlotte, NC
Tad Hardy, PE	Noise	35%	35%	Temple Terrace
Mike Woodward, PE	Traffic Planning	35%	35%	Charlotte, NC



**QUALITY COUNTS ROLES: TRAFFIC COUNTS**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Rodrikas Jones, RPA	Traffic Counts	25%	20%	Tampa



**SEARCH ROLES: CULTURAL RESOURCES**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Matt Nowak	Cultural Resources	60%	50%	Tampa



**TEST LAB ROLES: GEOTECHNICAL**

SUBCONSULTANT STAFF	Project Role	Current Workload	Future Workload	Office Location
Igon Kratser, PE	Geotechnical	50%	45%	Tampa

# Surveys of Past Performance



RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: Jay Jarvis, PE Polk County Roads and Drainage  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-535-2239

Email: JayJarvis@polk-county.net

Subject: Past Performance Survey of:  
W Pipkin Rd fr Medulla Rd to Dossey Rd; fr Dorman Rd to SR 37

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC  
 (Name of firm being surveyed)

Cost of Services: \$ 2,293,382 Date Complete: April 2021

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Appropriate application of technology	(1-10)	10

Jay M. Jarvis   
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**  
**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: Jay Jarvis, PE Polk County Roads and Drainage  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-535-2239

Email: JayJarvis@polk-county.net

Subject: Past Performance Survey of:  
 Spirit Lake Rd at Old Bartow Eagle Lake Rd and Sheffield Rd

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC

(Name of firm being surveyed)  
 Cost of Services: \$513,845 Date Complete: Ongoing

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Appropriate application of technology	(1-10)	10

Jay M. Jarvis   
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: Jobin Abraham City of Lakeland  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-834-6779

Email: jobin.abraham@lakelandgov.net

Subject: Past Performance Survey of:  
 SR 37 from Ariana St to Lime St

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC  
 (Name of firm being surveyed)

Cost of Services: \$1,899,969 Date Complete: Ongoing

**Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.**

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	NA - Ongoing
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	NA - Ongoing
3	Quality of workmanship	(1-10)	NA - Ongoing
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	NA - Ongoing
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Appropriate application of technology	(1-10)	10

Jobin Abraham Jobin Abraham  
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

**FDOT staff are not permitted to complete the scoring for these surveys, but they are available for verbal feedback on our performance.**

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**Survey Questionnaire – Polk County**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

To: David Turley FDOT District One  
 (Name of Person completing survey) (Name of Client Company/Firm)

Phone Number: 863-519-2255

Email: David.Turley@dot.state.fl.us

Subject: Past Performance Survey of:

SR 78 PD&E from Veterans Pkwy to W of US 41

(Project Name)  
 Consultant Name: Patel, Greene and Associates, LLC  
(Name of firm being surveyed)

Cost of Services: \$2,023,626 Date Complete: Ongoing

**Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the firm/individual again) and 1 representing that you were very unsatisfied (and would never hire the firm/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.**

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	
3	Quality of workmanship	(1-10)	
4	Professionalism and ability to manage	(1-10)	
5	Close out process	(1-10)	
6	Ability to communicate with Client's staff	(1-10)	
7	Ability to resolve issues promptly	(1-10)	
8	Ability to follow protocol	(1-10)	
9	Ability to maintain proper documentation	(1-10)	
10	Appropriate application of technology	(1-10)	

**Please see note at the top of the page.**

\_\_\_\_\_  
 Printed Name of Evaluator Signature of Evaluator

Please fax or email the completed survey to: \_\_\_\_\_

## Proposers Incorporation Information

(Submittal Page)

The following section should be completed by all bidders and submitted with their bid submittal:

Company Name: Patel, Greene and Associates, LLC

DBA/Fictitious Name (if applicable): N/A

TIN #: 45-2209743

Address: 215 East Main St

City: Bartow

State: Florida

Zip Code: 33830

County: Polk County

Note: Company name must match legal name assigned to the TIN number. A current W9 should be submitted with your bid submittal.

Contact Person: Gordon M. Greene, PE

Phone Number: (863) 533-7317

Cell Phone Number: (863) 640-3207

Email Address: gordon.greene@patelgreene.com

Type of Organization (select one type)

- Sole Proprietorship
- Partnership
- Non-Profit
- Sub Chapter
- Joint Venture
- Corporation
- LLC
- LLP
- Publicly Traded
- Employee Owned

State of Incorporation: Florida

The Successful vendor must complete and submit this form prior to award. The Successful vendor must invoice using the company name listed above.

January 14, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA**

**ADDENDUM #1**

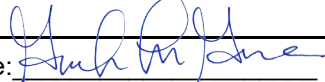
**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

This addendum is issued to clarify, add to, revise and/or delete items of the RFP Documents for this work. This Addendum is a part of the RFP Documents and acknowledgment of its receipt should be noted on the Addendum.

Contained within this addendum: questions and answers

Ken Brush  
Procurement Contracts Manager  
Procurement Division

**This Addendum sheet should be signed and returned with your submittal. This is the only acknowledgment required.**

Signature: 

Printed Name: Gordon Greene, PE

Title: Executive Vice President

Company: Patel, Greene and Associates, LLC

January 16, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF  
THE STATE OF FLORIDA  
ADDENDUM # 2**

**RFP # 25-421, Professional Engineering Services for Kathleen Rd Widening  
and Extension from Duff Rd to HWY 98**

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This addendum is issued to clarify, add to, revise and/or delete items of the RFP Document for this work. This Addendum is a part of the RFP Document and acknowledgment of its receipt shall be noted on the Addendum.

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Contained within this addendum: Formal notification that administrative responsibility for this solicitation has been reassigned.

**From:** Ken Brush  
**To:** Tabatha Shirah  
**New Point of Contact Email:** [tabathashirah@polkfl.gov](mailto:tabathashirah@polkfl.gov)

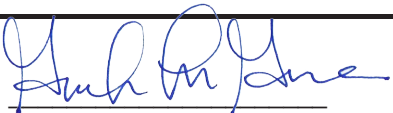
Effective immediately, all communication related to this solicitation must be directed to Tabatha Shirah at the email address listed above.

*Tabatha Shirah*  
Senior Procurement Analyst  
Procurement Division

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**This Addendum sheet should be signed and submitted with your  
submittal.**

---

Signature:   
Printed Name: Gordon M. Greene, PE  
Title: Executive Vice President  
Company: Patel, Greene and Associates, LLC

January 20, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF  
THE STATE OF FLORIDA  
ADDENDUM # 3**

**RFP # 25-421, Professional Engineering Services for Kathleen Rd Widening  
and Extension from Duff Rd to HWY 98**

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This addendum is issued to clarify, add to, revise and/or delete items of the RFP Document for this work. This Addendum is a part of the RFP Document and acknowledgment of its receipt shall be noted on the Addendum.

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Contained within this addendum: Proposal Receiving Date Extension.

**The Proposal Receiving Date has been extended one (1) week. The revised Proposal Receiving Date is Wednesday, January 28, 2026, prior to 2:00 p.m.**

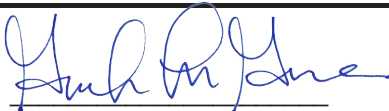
*Addendum 4 is forthcoming. The question period has now closed.*

*Tabatha Shirah*  
Senior Procurement Analyst  
Procurement Division

---

**This Addendum sheet should be signed and submitted with your submittal.**

---

Signature: 

Printed Name: Gordon M. Greene, PE

Title: Executive Vice President

Company: Patel, Greene and Associates, LLC

January 21, 2026

**POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA**

**ADDENDUM #4**

**RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98**

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This addendum is issued to clarify, add to, revise and/or delete items of the RFP Documents for this work. This Addendum is a part of the RFP Documents and acknowledgment of its receipt should be noted on the Addendum.

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Contained within this addendum: questions and answers.

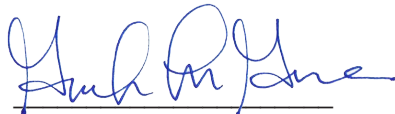
**Tabatha Shirah**

Senior Procurement Analyst  
Procurement Division

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**This Addendum sheet should be signed and returned with your submittal. This is the only acknowledgment required.**

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Gordon M. Greene, PE

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Executive Vice President

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Patel, Greene and Associates, LLC

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RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**AFFIDAVIT CERTIFICATION  
IMMIGRATION LAWS**

SOLICITATION NO.: RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

POLK COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONSULTANT WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 a(e) (SECTION 274A(e) OF THE IMMIGRATION AND NATIONALITY ACT ("INA").

POLK COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONSULTANT OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(e) OF THE INA. **SUCH VIOLATION BY THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN SECTION 274A(e) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY POLK COUNTY.**

VENDOR ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Patel, Greene and Associates, LLC

Gordon Greene Signature Title Date Gordon Greene, PE, Executive Vice  
President, 01/19/2026

STATE OF: Florida  
COUNTY OF: Hillsborough

The foregoing instrument was signed and acknowledged before me this 20 day of

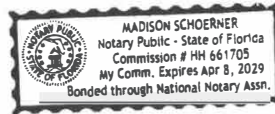
January 2026, by Gordon Greene who has produced

(Print or Type Name)

Personally Known as identification.  
(Type of Identification and Number)

Madison Schoerner  
Notary Public Signature

Madison Schoerner  
Printed Name of Notary Public



April 8, 2029 #HH661705  
Notary Commission Number/Expiration

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

**EMPLOYMENT ELIGIBILITY VERIFICATION E-VERIFY CERTIFICATION**  
(Florida Statutes, Section 448.095)

PROJECT NAME: RFP 25-421, Prof. Eng Svcs for Kathleen Rd Widening and Extension from Duff Rd to HWY 98


The undersigned, as an authorized officer of the contractor identified below (the "Contractor"), having full knowledge of the statements contained herein, hereby certifies to Polk County, a political subdivision of the State of Florida (the "County"), by and on behalf of the Contractor in accordance with the requirements of Section 448.095, Florida Statutes, as related to the contract entered into by and between the Contractor and the County on or about the date hereof, whereby the Contractor will provide labor, supplies, or services to the County in exchange for salary, wages, or other remuneration (the "Contract"), as follows:


1. Unless otherwise defined herein, terms used in this Certification which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.
2. Pursuant to Section 448.095(5), Florida Statutes, the Contractor, and any subcontractor under the Contract, must register with and use the E-Verify system to verify the work authorization status of all new employees of the Contractor or subcontractor. The Contractor acknowledges and agrees that (i) the County and the Contractor may not enter into the Contract, and the Contractor may not enter into any subcontracts thereunder, unless each party to the Contract, and each party to any subcontracts thereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security's E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of the Contract, and the County may treat a failure to comply as a material breach of the Contract.
3. By entering into the Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the Contract. Failure to comply will lead to termination of the Contract, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If the Contract is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If the Contract is terminated for a violation of Section 448.095, Fla. Stat., by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination. The Contractor shall be liable for any additional costs incurred by the County as a result of the termination of the Contract. Nothing in this Certification shall be construed to allow intentional discrimination of any class protected by law.

Executed this 20th day of January, 2026

**ATTEST:**

**CONTRACTOR:**

By:   
PRINTED NAME: Robin Watson  
Its: Vice President/Controller

By:   
PRINTED NAME: Gordon Greene, PE  
Its: Executive Vice President

### RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

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

375-030-30  
PROCUREMENT  
05/14

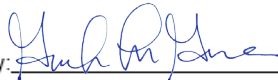
|

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

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

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

Patel, Greene and Associates, LLC  
Name of Consultant

By: 

01/19/2026  
Date

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

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

375-030-33  
PROCUREMENT  
01/24

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

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

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

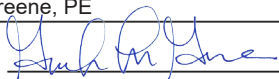
(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

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

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

Name of Consultant: Patel, Greene and Associates, LLC

By: Gordon Greene, PE Date: 01/19/2026

Authorized Signature: 

Title: Executive Vice President

RFP 25-421, Professional Engineering Services for Kathleen Rd Widening and Extension from Duff Rd to HWY 98

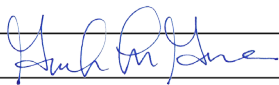
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34  
PROCUREMENT  
02/16

Is this form applicable to your firm?

YES  NO

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

<b>1. Type of Federal Action:</b> a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> a. bid/offer/application b. initial award c. post-award	<b>3. Report Type:</b> a. initial filing b. material change <b>For Material Change Only:</b> Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
<b>4. Name and Address of Reporting Entity:</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____ if known: _____ Patel, Greene and Associates _____ 215 E Main St _____ Bartow, FL 33830  Congressional District, if known: 4c _____		<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> _____ _____  Congressional District, if known: _____
<b>6. Federal Department/Agency:</b> _____ _____	<b>7. Federal Program Name/Description:</b> _____ _____  CFDA Number, if applicable: _____	
<b>8. Federal Action Number, if known:</b> _____	<b>9. Award Amount, if known:</b> \$ _____	
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI): _____ _____	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI): _____ _____	
<b>11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</b>	Signature:  Print Name: _____ Gordon Greene, PE Title: _____ Executive Vice President Telephone No.: 863-533-7317 Date (mm/dd/yyyy): 01/19/2026	
<b>Federal Use Only:</b>		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)