

An aerial photograph showing a paved road with yellow center lines and white edge lines winding through a vast, dense forest of tall, thin trees. The road curves from the upper left towards the lower right. In the distance, a small white vehicle is visible on the road. The sky is blue with light, wispy clouds. The overall scene is a natural, wooded landscape.

LAKE COUNTY

RSQ 22-901

NORTH LAKE TRAIL PHASE 3 PD&E STUDY

04. SUBCONTRACTORS/ JOINT VENTURES

SUBCONTRACTORS

Kimley»Horn **Kimley-Horn and Associates, Inc.** PD&E/Public Outreach

Kimley-Horn and Associates, Inc., is a national planning and design consulting firm with more than 5,000 professionals firmwide and 900 employees in 16 offices serving Florida communities. The firm’s multidisciplinary experience covers a wide range of services within transportation planning and engineering, landscape architecture and urban design, environmental planning and design, and public policy.



Founded as a transportation firm in 1967, Kimley-Horn is now one of the largest and fastest growing full-service consulting firms in Florida. The quality of the firm’s staff is reflected by their recognition in two major employer of-choice-awards; Ranked number 2 on FORTUNE’s 2021 list of “25 Best Workplaces in Consulting and Professional Services, Great Place to Work” and #18 for “100 Best Workplaces for Millennials.”

Kimley-Horn’s engineers, urban designers, and planners have a history of partnering with communities to develop progressive and context-sensitive plans. In each community they serve, they strive to understand the values of that community and transform them into a vision that guides the planning process. Understanding the importance of diverse experiences,

they intentionally partner with professionals of various backgrounds to create the opportunity for visionary thinking with a focus on implementation.

Kimley-Horn has all the ingredients of a successful consultant firm—a proven record of client service, adaptability, versatility, and responsiveness. The firm’s approach gives their clients the best of both worlds—the resources of a large, nationally-ranked firm and the personal attention and response of a small dedicated professional team. Kimley-Horn’s wide range of consulting services, include:

- Roadway design
- Transportation planning and traffic operations
- Drainage design
- Landscape architecture
- Areawide traffic signal systems
- Advanced traffic management systems
- Urban design and planning
- Environmental permitting, assessment, and remediation
- Wetland delineation, assessment and mitigation
- Zoning codes/comprehensive planning
- Public involvement programs
- Stormwater management systems
- Water and wastewater systems design
- Surveying and mapping
- MPO/FDOT coordination
- GIS/Visualization





Andreyev Engineering, Inc.
Geotechnical and Contamination

Andreyev Engineering, Inc. (AEI) is a Florida based

engineering consulting firm that specializes in the fields of geotechnical and hydrogeologic engineering, environmental consulting, and construction materials testing/inspection. AEI was founded (incorporated in the State of Florida) in 1993 by Mr. Nicolas E. Andreyev, PE, who serves as Principal Engineer of the company. AEI's corporate headquarters is located in Sanford, Florida (Metropolitan Orlando) and the firm has a network of branch offices in Clermont, St. Petersburg and The Villages. Through their network of offices, they are able to provide our services competitively throughout the entire State of Florida.

Recently, AEI was selected to serve as the continuing geotechnical and hydrogeologic consultant to Lake County. Additionally, AEI is pre-qualified by the FDOT in work Groups 9.1, 9.2, 9.3, and 10.3. The staff of AEI has extensive experience in the transportation sector including roadways, bridge structures, tunnels and aviation facilities. Other sectors include: solid waste, medical, educational, commercial-retail, residential, water and wastewater treatment facilities.



Archaeological Consultants, Inc.
Cultural Resources

Archaeological Consultants, Inc. (ACI), Florida's oldest full-service

cultural resource management (CRM) company, is a woman-owned business, certified by the State of Florida as a MBE, a DBE, and a Woman Owned Small Business (WOSB) by the federal government. ACI has successfully helped clients navigate local, state, and federal regulations for over 45 years. During this time, ACI has developed a long-standing relationship with the Florida Division of Historical Resources (FDHR), the FDOT, and the Florida Turnpike Enterprise (FTE), Army Corps of Engineers (ACOE), and various county and local municipalities. ACI conducts over 150 projects per year ranging from small scale desktop analyses to multi-state team projects. Their experienced staff of archaeologists, architectural historians, GIS specialists, technicians, and administrative personnel has the education, specialized training, and technical skills to provide cultural resource

assessment surveys, NRHP nominations, Case Studies, Memoranda of Agreement, 4(f) evaluations, resource mitigation, CRM training, and other CRM services. ACI's Florida offices are located in Sarasota, St. Augustine, and Tallahassee. ACI maintains a full complement of office, lab, and field equipment, a reference library, as well as a fleet of vehicles.

In addition, ACI has extensive expertise working with pertinent state and federal laws and regulation. ACI has worked with the FDHR and the FDOT to write and update key standards and guidelines. These documents include the original Rule Chapter 1A-46, Florida Administrative Code; the FDHR's Archaeological and Historical Report Standards and Guidelines (S&G) and the Cultural Resource Management Standards and Operational (S&O) Manual; and the FDOT's CRM Handbook, the updated Chapter 8 of the PD&E Manual, and the third statewide edition of The Historic Highway Bridges of Florida.



vranaconsulting

Vrana Consulting, Inc.
Sociocultural Effects/Public Engagement

Vrana Consulting, Inc. (VCI) is a professional services firm specializing in transportation planning, project development, and public involvement for local governments, metropolitan planning organizations, and the FDOT. VCI specializes in community development policy, integrated land use and transportation strategies, community impact assessment, and inclusive community engagement. To facilitate equitable and synergistic outcomes, VCI seeks to understand a community's history, values, aspirations, and sociocultural/economic driver through research, outreach, and listening to affected and interested publics. Established in 2007, VCI is a Florida corporation located in Safety Harbor, and is certified as a DBE under the Florida Unified Certification Program (FDOT), a SBE by FDOT, and a WBE by the State of Florida. VCI provides continuing services to FDOT Central Office for OEM and Office of Public Planning (OPP) public involvement and sociocultural effects evaluation programs and developed the Departments virtual and hybrid meeting guidance.



Pritchard Environmental, LLC
Section 4(f)

Pritchard Environmental, LLC is a full-service environmental consulting firm that is a certified W/MBE enterprise. As a former FDOT employee in District Six Environmental Management Office for over 13 years, and as President of Pritchard Environmental, LLC, since 1998, Christie Pritchard has over 36 years in the environmental transportation field and with NEPA compliance. As both a FDOT employee and consultant, Christie has worked on several PD&E transportation projects where she has prepared and coordinated the approval of environmental documents, including the following: Environmental Impact Statements; Environmental Assessments/Finding of No Significant Impact documents; Type II and Type I Categorical Exclusions; Section 4(f) documentation including Section 4(f) Evaluations (Individual and Programmatic), *de minimis forms*, No Use Forms, and Exception/Exemption Forms.

For the past 16 years, Christie Pritchard has provided in-house Planning & Environmental Management Office (PLEMO) support in District Four under several different districtwide contracts. Her role as an in-house consultant includes preparing NEPA documentation in the State-Wide Environmental Project Tracker (SWEPT) for both minor and major transportation projects including the following: Type I CE checklists, Non-major State Action checklists; Section 4(f) No Use and Exception/Exemption Forms; PD&E project re-evaluations; construction plans reviews in the FDOT Electronic Review Comment (ERC) system; and updates to schedules. She also provides training classes to new FDOT environmental scientists and Local Agency Program (LAP) agencies/municipalities on off-system federal aid projects.

Christie Pritchard has served as an advisor to the both District Six and District Four regarding Section 4(f) issues. For instance, under a current PD&E Districtwide Six contract, Christie in her role as a subconsultant, is providing Section 4(f) services on various District projects; including quality assurance reviews of Section 4(f) documentation; testing of Section 4(f) forms in SWEPT; preparing specialized Section 4(f) Scope of Services language for Local Agency Program (LAP) projects; and working on State Historic Highway (SHH) related tasks.





Jim Wood, PE

Kimley»Horn

Jim has more than 25 years of multimodal planning experience. His areas of expertise include greenways and trails planning, public involvement, long-range transportation planning, and corridor planning and feasibility studies. Jim previously served as Chief Planner for FDOT and Chief of Greenways and Trails for FDEP. Through these roles, he directed development of the 2015 Florida Transportation Plan and the 2012 Florida Greenways and Trails System Plan, both of which required extensive public involvement processes. He also oversaw establishment of the Florida Shared Use Nonmotorized (SUN) Trail Program. He has been instrumental in advancing trails and greenways policies, plans, programs, and projects in Florida for over two decades.

ROLE

Deputy Project Manager
NEPA Documentation
Public Involvement Program
Agency and Stakeholder
Coordination

EXPERIENCE

25 years

EDUCATION

Master of Science, Geography
Florida State University

Bachelor of Science
Telecommunication, University
of Florida

REGISTRATION

American Institute of Certified
Planners No. 32054

American Planning Association
(APA), Member

American Trails, Advisory
Board Member

REPRESENTATIVE PROJECT EXPERIENCE

Paradise Coast Trail Vision, Naples, FL

Supported the Naples Pathways Coalition in pursuing and the vision for the Paradise Coast Trail. He led development of an Action Plan and Promotional Toolkit that laid the foundation for implementing the 70-mile trail system that will serve as the spine for the Collier County bicycle and pedestrian network. Facilitated agency coordination meetings; data and information collection; project branding; and guided the process for receiving a resolution of support from the Collier MPO including presentations to the Board.

Osceola/Brevard County Connectors (OBCC) Concept, Feasibility, and Mobility Study, Osceola, Brevard, and Osceola Counties, FL

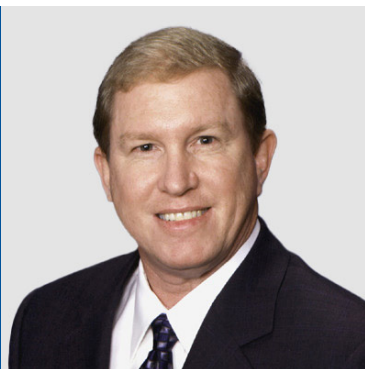
This study for the Central Florida Expressway Authority included two potential expressway corridors recommended for evaluation by the East Central Florida Corridor Task Force (ECFCTF). Among his responsibilities, he oversaw public involvement components of the study including coordination of outreach to federal and state environmental agencies, FDOT, Florida Turnpike Enterprise, six local governments, two MPOs, environmental organizations, and multiple major private landowners. Also served as special advisor to CFX due to his prior leadership of the ECFCTF's planning team and process.

River to Sea TPO 2045 Long Range Transportation Plan (LRTP), Orlando, FL

Among his responsibilities, Jim oversaw development and implementation of the Public Involvement Plan for the LRTP; presentation of work and milestones to the TPO Board and committees; and oversight of deliverables and ongoing client coordination. He organized and facilitated Focus Group Workshops as forums for meaningful input from businesses, tourism organizations, agencies, and citizens. He also guided the transition of the public involvement meetings from in-person to virtual format in the wake of COVID-19.

Shared Use Non-motorized (SUN) Trail Program, Statewide, FL

Oversaw full establishment of SUN Trail Program within FDOT in less than one year from enabling legislation. Oversaw identification of statewide SUN Trail network and process for distributing \$25 million of recurring annual funding. Led collaborative effort encompassing FDOT programs and districts, extensive stakeholder and public outreach, and coordination with FDEP and the Florida Greenways and Trails Council. Directed SUN Trail project selection, prioritization, and programming.



Fred Burkett, PE

Kimley»Horn

Fred Burkett has 34 years of experience involving transportation engineering and management of complex projects and multidisciplinary design teams. His expertise includes roadway design, drainage system design, traffic engineering, and transportation planning. He has performed or managed all of the planning and engineering activities inherent in the successful design of roadway and highway infrastructure. His career has centered on Central Florida, including work for Lake, Orange, Osceola, and Polk counties.

REPRESENTATIVE PROJECT EXPERIENCE

ROLE

PD&E Advisory/Quality Control
NEPA Documentation
FDOT Coordination

EXPERIENCE

34 years

EDUCATION

BS, Civil Engineering
University of Central Florida

REGISTRATION

Professional Engineer
Florida No. 45825

CR 466 Segment A Widening and Reconstruction from Sumter/Lake County Line to Rolling Acres Road, Lake County, FL

Project involved widening of CR 466A from two to four lanes from the Sumter/Lake County line east to Rolling Acres Road in the City of Fruitland Park. The project is approximately 1.3 miles in length and included design of drainage improvements, pedestrian features, maintenance of traffic, utility relocations, signals, and signing/pavement markings.

CR 466 Segment B Widening and Reconstruction from Rolling Acres Road to East of US 27/441, Lake County, FL

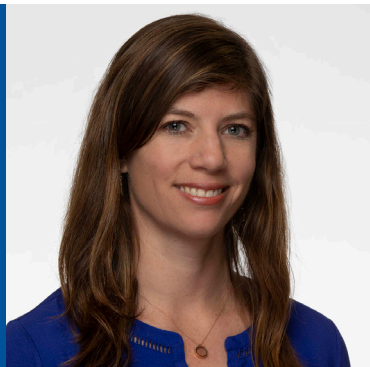
This .9-mile segment of CR 466 from the Rolling Acres Road to east of US 27/441 consisted of widening from a two-lane, rural to a four-lane, divided urban typical section. The project also included roadway design, drainage design, permitting with SJRWMD and FDOT District Five, signal design at US 27/441, signing and marking, retaining wall design, utility coordination, environmental assessment, geotechnical investigation, design survey, and right of way mapping.

CR 466A Widening and Reconstruction from Sumter/Lake County Line to US 27, Lake County, FL

Project manager. Widening of CR 466A from two to four lanes from the Sumter/Lake County Line east to Lake Griffin Road, just east of US 27/441 in the Town of Lady Lake. The project is approximately 2.1 miles in length and included design of drainage improvements, pedestrian features, maintenance of traffic, utility relocations, signals, and signing/pavement markings.

Neptune Road PD&E Study, Osceola County, FL

Project engineer who conducted a PD&E Study for the Neptune Road 3.9-mile roadway improvement project. Included the reconstruction of an existing 3.4-mile section of a two-lane rural roadway to a four-lane urban divided roadway with 12-foot shared use paths on both sides of the road. Kimley-Horn analyzed and assessed the project's impact on the social, economic, cultural, natural, and physical environment in order to develop the location and design concept in accordance with FDOT and County policy, procedure, and requirements. Scope of services included public involvement, PD&E engineering, and environmental services.



Sarah Johnson, CE

Kimley»Horn

Sarah Johnson has 17 years of experience managing biological assessments, permitting, species-specific surveys, GIS, and photointerpretation. She has experience with NEPA documentation, including natural resource evaluation reports, re-evaluations, environmental certifications for minor projects, and Section 4(f) Determination of Applicability. Sarah is knowledgeable about PD&E guidelines used for FDOT, the NEPA process, and permitting guidelines for various agencies for projects that impact wetlands and/or protected species.

REPRESENTATIVE PROJECT EXPERIENCE

ROLE

Environmental Team Task
Leader

EXPERIENCE

17 years

EDUCATION

MS, Zoology, University of
Oklahoma
BS, Zoology, Ohio Wesleyan
University

REGISTRATION

Certified Ecologist, Ecological
Society of America
Gopher Tortoise Authorized
Agent No. GTA-18-00041B
FDEP Stormwater Management
Inspector, No. 23835

Neptune Road PD&E Study, Osceola County, FL

Environmental scientist who conducted a PD&E Study for the 3.9-mile roadway improvement. Analyzed and assessed project's impact on the social, economic, cultural, natural, and physical environment to develop the location and design concept in accordance with FDOT and County policy, procedure, and requirements. Scope of services included public involvement, PD&E engineering, and environmental services.

Space Coast Trail PD&E Study & Final Design, FDOT District Five, Orlando, FL

Environmental scientist. Kimley-Horn was retained by FDOT District Five to conduct a PD&E study for three segments of the Space Coast Trail. Environmental services include conducting habitat mapping, Florida scrub-jay surveys, gopher tortoise surveys, and writing and the submittal of National Environmental Policy Act (NEPA) documentation. Public meetings are helping to gauge the community's input regarding project development.

SR 659 (Combee Road) PD&E Study from US 98 to Skyview Drive, Lakeland, FL

Environmental scientist who evaluated roadway alternatives with respect to wetland and protected species involvement and documentation of findings in NEPA Natural Resources Evaluation report. PD&E study to prepare design alternatives for the corridor that accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access.

US 27 PD&E Study (from I-4 to US 192), Polk County, FL

Environmental scientist who participated in extensive wildlife surveys that specifically included scrub jays, sand skinks, and gopher tortoises as well as assisting with the report writing and creating graphics for the reports. This project involved an impact analysis and study of design alternatives for the widening of eight miles of a rapidly developing segment of US 27 from four to six lanes. Environmental concerns included protected scrub species such as the sand skink and gopher tortoise.



Michael Garau, PE

Kimley»Horn

Michael Garau is a civil engineer with 20 years of experience on transportation projects. His primary practice area is on 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.

REPRESENTATIVE PROJECT EXPERIENCE

Osceola Parkway Extension PD&E Study, Orange/Osceola County Line, FL

Project engineer for a PD&E study for the extension of Osceola Parkway, which begins west of Boggy Creek Road and runs east for approximately seven miles to the proposed Southport Connector. The study focused on developing a limited access facility expanded in the future, with provisions to accommodate a transit corridor and multi-use pedestrian facilities.

SR 659 (Combee Road) PD&E Study from US 98 to Skyview Drive, Lakeland, FL

Project manager for a PD&E study to prepare design alternatives for the corridor that accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access. The study team will analyze and assess the project's 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.

Space Coast Trail PD&E Study & Final Design, Orlando, FL

Kimley-Horn was retained by FDOT District Five to conduct a PD&E study for three segments of the Space Coast Trail. Our team is evaluating the following alternatives: shared-use trails, regional trail connections, and buffered bike lanes for crossing the Haulover Canal. The preliminary assessment involves data collection and conceptual design alternatives incorporating Complete Streets into the selected areas.

East Selmon Expressway PD&E Study, Tampa, FL

Project manager for the PD&E study to evaluate capacity and operational needs on the Selmon Expressway from Brorein Street to I-75, a distance of nine miles. The Selmon Expressway is a limited access facility with a Reversible Express Lane (REL) system that is owned and operated by the Tampa Hillsborough Expressway Authority (THEA). THEA retained Kimley-Horn to conduct a PD&E study to evaluate the needs, costs, and effects of widening the Selmon Expressway to accommodate future traffic, improve travel time reliability, and enhance safety conditions. New ramp connections between the general use lanes and REL are also being considered. Responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation.

ROLE

Public Involvement Program
Agency and Stakeholder
Coordination

EXPERIENCE

20 years

EDUCATION

MS, Civil Engineering,
University of Florida
BS, Civil Engineering,
University of Florida

REGISTRATION

Professional Engineer
Florida No. 60715



Michael Woodward, PE

ROLE

Trail Planning

Kimley»Horn

EDUCATION

Bachelor of Science, Civil Engineering, Michigan State University

REGISTRATION

Professional Engineer -Florida No. 70009

Mike Woodward is a transportation engineer with 17 years of experience in corridor and arterial investment studies, bicycle/pedestrian planning, signal system retiming, and transit facility analyses. He serves as project engineer for several General Planning and/or Traffic Engineering Consultant Services contracts for clients including Osceola County, FDOT, the Town of Windermere, and Port Canaveral. Mike has been responsible for corridor studies, alternatives analyses, operational studies, multimodal plans, and concept development.

- **Multimodal Master Plan, Windermere, FL.** Kimley-Horn developed a multimodal master plan with a focus on bicycle, pedestrian, and golf cart mobility. Improvement recommendations include new and replacement sidewalks, a trail system with a pedestrian bridge over the canal, expansion of the golf cart network, connections to the Grove, and a connection to the golf course northwest of town
- **SR 659 (Combee Road) PD&E Study from US 98 to Skyview Drive, Lakeland, FL.** PD&E study to prepare design alternatives for the corridor to accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access. Will analyze and assess the project's 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.



Mark Bacal, PE

ROLE

Trail Planning

Kimley»Horn

EDUCATION

BS, Civil Engineering, University of Central Florida

REGISTRATION

Professional Engineer - Florida No. 84238
FDOT Temporary Traffic Control No. 53811

Mark Bacal has nine years of civil transportation engineering experience, including the preparation of roadway plans, construction, and widening, design plans and production, drainage analysis and improvements, and structural design. He is proficient with software such as Microstation, AutoCAD, OpenRoads, and Corridor Modeling.

- **Space Coast Trail PD&E Study & Final Design, Orlando, FL.** After Kimley-Horn completed the PD&E study for this 30-mile-long proposed 8-foot to 12-foot wide bike/ped trail, Kimley-Horn was selected for the design of the first 11-mile-long section. Design services include pavement design (concrete pavement for railroad crossing), structural design (box culvert and overhead cantilever signage), signing and pavement marking, milling and resurfacing, ADA accommodations, drainage design, intersection design, utility coordination, and environmental permitting. This project is part of a connected coast-to-coast bike/ped trail system extending across Florida from the Gulf of Mexico to Canaveral National Seashore.
- **Legacy Trail Extension Design, Sarasota County, FL.** Kimley-Horn is providing trail design and related civil engineering, structural/bridge engineering, bridge inspection, planning/landscape architecture, environmental assessment/permitting, stormwater management, utilities infrastructure, communication system, and community engagement services. The 8.9 Legacy Trail Extension improvements include drainage, landscaping, three trailheads with lighting, seven rest stops, two trail bridges (to be evaluated for rehabilitation), numerous at-grade crossings with signage, markings, signalization and landscape improvements.



Stephen Myers, PWS

ROLE

Wetlands

EDUCATION

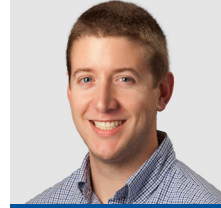
BS, Natural Resource Conservation, University of Florida

REGISTRATION

Professional Wetland Scientist No. 3374

Stephen Myers is a biologist with more than six years of experience managing environmental compliance and permitting tasks. His work is focused on NEPA, transportation and infrastructure, energy and utilities, construction, and commercial/residential development. He is experienced in environmental project management and construction oversight, pre-development environmental investigations, restoration and mitigation planning, stormwater management, wetland and protected species surveys, and state/federal environmental permitting.

- **East Selmon Expressway PD&E Study, Tampa, FL.** The THEA retained Kimley-Horn to conduct a PD&E Study to evaluate the needs, costs, and effects of widening the Selmon Expressway from Brorein Street to I-75. Kimley-Horn is responsible for all engineering, environmental, and public involvement efforts in support of the PD&E documentation.
- **SR 56 Extension from Meadow Pointe Boulevard to US 301 (Design/Build), Pasco County, FL.** Environmental scientist responsible for the establishment and mapping of wetland jurisdictional boundaries of an approximately 8-mile extension.
- **US 92 from County Line Road to Wabash Road (PD&E), Polk County, FL.** Environmental scientist responsible for developing environmental documents such as the protected species biological assessment and wetlands evaluation report. This project involved an impact analysis and study of design alternatives for the widening of 4 miles of US 92 from two lanes to four lanes. Key issues include impacts to multiple federal and state protected species and wetlands.



Rick Browne, CHMM

ROLE

Protected Species

Kimley»Horn

EDUCATION

MS, Environmental Sciences and Engineering, Virginia Tech

REGISTRATION

Certified Hazardous Materials Manager, No. 21329

Rick Browne has nine years of experience providing environmental support services, including Phase I and Phase II environmental site assessments, soil and groundwater sampling involving petroleum contamination and hazardous waste, and brownfield site inventories. Rick also supports the Kimley-Horn environmental team with Natural Resource Assessments, wetland delineation and permitting, and listed species surveys.

- **Santos Trail Design-Build, Ocala, FL.** The project consisted of 8 miles of paved asphalt bicycle trails through the existing Cross Florida Greenway. FDOT funded the project and Kimley-Horn provided extensive coordination with FDEP and public outreach to interested environmental groups. Kimley-Horn also evaluated the structural capability of the existing I-75 land bridge, prepared full design plans and oversaw the relocation of dozens of gopher tortoises.
- **Space Coast Trail PD&E Study & Final Design, FDOT District Five, Orlando, FL.** Kimley-Horn conducted a PD&E study for three segments of the Space Coast Trail. Environmental services included conducting habitat mapping, Florida scrub-jay surveys, gopher tortoise surveys, and writing and the submittal of NEPA documentation. Public meetings aided the community's input regarding project development.



Frank Suarez

ROLE

Protected Species

Kimley»Horn

EDUCATION

BS, Biology and Environmental Studies, University of Central Florida

REGISTRATION

Geographic Information Systems mapping

Frank Suarez is an environmental scientist with three years of experience in wetland delineation, habitat mapping and assessment, protected species surveys, environmental regulatory permitting, and monitoring success of wetland mitigation areas. He is experienced in identifying vegetation and determining hydric soils characteristics. He has conducted surveys for gopher tortoise, scrub jay, caracara, grasshopper sparrow, sand skink, bluetail mole skink, and everglades snail kite.

- **Space Coast Trail PD&E Study & Final Design, FL.** Environmental scientist responsible for conducting habitat mapping, Florida scrub-jay surveys, gopher tortoise surveys, and writing and the submittal of National Environmental Policy Act (NEPA) documentation.
- **SR 659 (Combee Road) PD&E Study from US 98 to Skyview Drive, Lakeland, FL.** Environmental scientist who assisted evaluation of roadway alternatives with respect to wetland and protected species involvement and documented findings in NEPA Natural Resources Evaluation report.
- **Quincy Loop South PD&E Study from SR 267 to SR 10 (US 90) East, Quincy, FL.** Environmental scientist for the Kimley-Horn team responsible for conducting field work for federal and state listed wildlife and plant species. Also, assisted with wetland delineations and support for NEPA documentation.



Cris Schooley, PE, AICP

ROLE

FDOT Coordination

Kimley»Horn

EDUCATION

MS, Transport and City Planning, University College London

BS, Civil Engineering, University of Central Florida

REGISTRATION

Professional Engineer - Florida No. 74018

American Institute of Certified Planners No. 31713

Cris Schooley has 12 years of experience as a professional engineer and planner bringing the knowledge of transportation planning, a vision, and engineering consulting for several completed FDOT projects. Cris' experience includes transportation planning, project development, multimodal design, and Complete Streets including PD&E studies. He has specialized training in the FDOT PD&E Manual, Advanced Work Zone Traffic Control, and FDOT specifications.

- **Titusville to Edgewater Trail PD&E Study, Brevard and Volusia Counties, FL.** Responsible for supporting the engineering and public involvement elements of this PD&E study that evaluated a 20-mile trail connection from the East Central Regional Rail Trail termini in Titusville, Brevard County, and in Edgewater, Volusia County. Prepared concepts, alignments, cost estimates, meeting materials, display boards, attended public meetings, and discussed the project with the public. The study included extensive stakeholder coordination.
- **Legacy Trail Extension Design, Sarasota County, FL.** Kimley-Horn is providing trail design, engineering and landscape architectural services for the 8.9-mile Legacy Trail Extension. Additional services from Kimley-Horn include civil and structural/bridge engineering, bridge inspection, planning/landscape architecture, environmental assessment/permitting, stormwater management, utilities infrastructure, communication system, and community engagement services. The Legacy Trail Extension segment of the project consists of trail improvements along the old Seminole Gulf Railroad right of way.



Mike Vaudo, AICP

ROLE

Website

EDUCATION

BA, Urban/Regional Planning, University of Central Florida

Mike Vaudo is an urban/transportation planner who brings specialized expertise in writing, editing, document design, and branding to the planning process, including comprehensive plans, transportation improvements, trails, and other major projects. His background in communications has contributed to his support of multiple public involvement efforts for municipalities, MPO/TPOs, and other agencies..

- **Lake-Sumter MPO List of Priority Projects (LOPP).** As the Project Planner, Mike led the development of the final LOPP report, associated tables, and other project-related documentation provided to MPO partners and the public. For the 2021 LOPP, Mike also oversaw the development of an interactive map of LOPP projects provided for the public's use on the MPO's website.
- **Comprehensive Plan Update, Tavares, FL.** Planning Task Manager/Deputy Project Manager. Led collaboration with City staff, developed public involvement activities, facilitated workshops, and made multiple presentation to the City's Planning and Zoning Board and City Commission through plan review and adoption.
- **River to Sea TPO 2045 Long Range Transportation Plan (LRTP), Volusia/Flagler Counties, FL.** As the Project Planner, Mike supported development and implementation of the Public Involvement Plan for the LRTP, including creating materials for Focus Group Workshops and virtual public meetings. Mike also led the development of scripts and storyboards for the production of custom videos used to promote public input for the LRTP and provide background information on the various focus areas of the plan.



Stanley Russell

ROLE

Website

EDUCATION

BA, Fine Arts, American Intercontinental University

Stanley Russell is a multi-dimensional graphic designer with more than 18 years of successful problem solving using visual communication skills. He has used his skills in the design field to convey difficult to understand information to the public in unique ways with print, multi-media, 3D, and web based capabilities. Stan has a B.F.A. in Graphic Design with a specialty in Web Media and is a FAA Part 107 Certified Drone Pilot..

- **State Aviation System Plan and Economic Impact Study, Tennessee DOT, TN.** Kimley-Horn is assisting the Tennessee Department of Transportation (TDOT) in the development of an update to their Aviation System Plan (TASP) and companion EIS. Our team is developing a comprehensive plan that engages several groups of stakeholders to establish a new platform for decision making and support of future airport development. Developed and implemented website, and responsible for updates as the data changes.
- **Atlantic Beach Land Development Regulations Update, Atlantic Beach, FL.** Kimley-Horn served as a subject matter expert with the Northeast Florida Regional Council to assist them in the updating of the City of Atlantic Beach's Land Development Regulations. This process included several workshops with the Citizens, Community Development Board, City Staff, and City Commission during each phase throughout the course of the next year in which a website was developed to assist with the community workshops.



Raymond Jones, PE

ROLE

Geotechnical
Contamination



EDUCATION

BS, Civil Engineering, Florida State University

REGISTRATION

Professional Engineer - Florida No. 58079

Raymond Jones is the Vice President of Andreyev Engineering Inc. For more than 25 years, Raymond has successfully managed hundreds of geotechnical and hydrogeologic studies throughout the state of Florida in the areas of geotechnical engineering, groundwater studies, water supply planning and design, consumptive use permitting, materials testing and sinkhole investigations.

- **North Hancock Road Extension, Clermont, FL.**
Project geotechnical design assistance provided for approximately 7,200 feet of new roadway, stormwater management systems, traffic signal structures, and retaining wall design and milling and resurfacing.
- **South Lake Trail Phase 3, Clermont FL.**
Geotechnical investigations for planning, design, and permitting of the 7-mile, Phase 3 section of the trail including bridge design studies for modification of the CR 561 Minneola Bridge, and a long pedestrian trail bridge through a wetland area of the proposed trail alignment.
- **North Hancock Road Extension, Lake County, FL**
Geotechnical investigations for design and construction of pavement section, signal poles, utilities, and stormwater retention systems necessary for roadway widening and improvements. Field investigation included soil borings, coring of existing asphalt pavement, groundwater table measurement, permeability testing and density determination.



Marion Almy, RPA

ROLE

Cultural Resources/Archaeological



EDUCATION

BA, Anthropology, Florida State University
MA, Anthropology/Public Archaeology, University of South Florida

REGISTRATION

Registered Professional Archaeologist

Marion Almy, the founding Principal and President of Archaeological Consultants, Inc. (ACI), has 45 years of cultural resource management experience throughout Florida. She manages projects for a diversity of public and private entities including the FDOT, Florida's Turnpike Enterprise, the USDA Forest Service, South Florida, Southwest Florida and Suwannee River Water Management Districts, and various counties, as well as large-scale projects for private corporations. She represents clients in meetings with regulatory agencies, including the Florida State Preservation Office, US ACOE, the US Coast Guard, Federal Bureau of Prisons, the National Park Service, and federally recognized Native American tribes.

Marion also serves as the Governor's appointed prehistoric archaeologist to the Florida National Register Review Board.

- **FDOT, Florida Turnpike, and CEMO, State of Florida.** Project Manager/Investigator on behalf of all FDOT districts, Florida's Turnpike Enterprise, and the Central Environmental Management Office (CEMO), for PD&E studies and re-evaluations; pond siting surveys; right of way transfers; bridge replacements; effects determinations and Section 106 Case Study Reports; Memoranda of Agreement (MOA); Data Recovery Plans for Phase II and Phase III excavations.
- **Cultural Resources, Historic Preservation Experience.** More than three decades of creating and implementing cultural resource components for historic preservation interpretive plans for parks, historic sites, trails, and byways.



Tammy Vrana, AICP

ROLE

Sociocultural Effects and Section 4(f)
Public Involvement Program



vranac consulting

EDUCATION

BA, Economic Geography, University of Florida

Tammy Vrana has 34 years of planning experience serving local governments, MPOs, and the Florida Department of Transportation. Her experience encompasses comprehensive planning, transportation planning and project development, community impact assessment, environmental justice analysis, and public involvement strategy/implementation. She is adept at working across disciplines and with diverse stakeholders to identify and synthesize community issues and practicable, consensus-driven solutions. She specializes in community outreach and engagement techniques to inform decision making and build local support for plans and projects.

■ FDOT Experience

SCE/PI Continuing Services since 2011, FDOT Central Office; SCE/PI lead for SR 78 Pathway PD&E Study (District 1); SCE/PI lead for Fort Fraser Trail Extension PD&E Study (District 1); SCE lead and PI support for SR 371/373 (Orange Avenue) PD&E Study (District 3); and SCE/PI lead for US 41 from Myrtle St to Dr MLK JR Way (District 1). Assisted in the initial development of the SCE evaluation process and tools in 2004. Participates regularly at TRB Annual Meetings with FDOT for Community Impact Assessment and Environmental Justice Analysis. Developed FDOT's virtual and hybrid meeting guidance. Developed FDOT's video series on the discrete steps of the SCE evaluation process, including a module on Facilitating Equitable Outcomes.



Christie Pritchard, AICP

ROLE

Sociocultural Effects and Section 4(f)

EDUCATION

BS, Art Education, University of Wisconsin
BS, Physical Geography, Arizona State University



REGISTRATION

FDEP Stormwater Pollution Prevention Inspector

Christie Pritchard has 36 years of experience working on both major and minor transportation projects both as a former Environmental Specialist and Environmental Manager in District Six for over 13 years, and as an environmental consultant for 23 years. She has worked on several projects involving Section 4(f) issues and has also assisted the Office of Environmental Management (OEM) on updating the Section 4(f) chapter of the PD&E Manual, and has worked with OEM staff in presenting Section 4(f) training to all of the FDOT Districts. Christie is also a certified Disadvantaged Business Enterprise (DBE) firm and is currently listed in the FDOT DBE directory.

■ Office of Environmental Management (OEM) Environmental Management Support Contract.

Senior Environmental Specialist currently responsible for assisting in miscellaneous environmental tasks under OEM. Assistance to OEM in the preparation of FDOT PD&E Manual Chapter 23 (Acquisition and Restoration Council Coordination). Coordination with OEM and Florida Department of Environmental Protection (FDEP) related to ARC coordination.

- **FDOT District Six SW 8th Street PD&E Study.** Senior Environmental Specialist currently responsible for assisting in the preparation of the NEPA documentation during the PD&E phase for this Type II CE study. Preparation and coordination with District and OEM for approval of Section 4(f) No Use Forms on seven recreational Section 4(f) resources in the SWEPT.