

Witness List

D. Shawm Leins, PE
AM Engineering, LLC
8340 Consumer Court
Sarasota, FL 34240

Alec D. Hoffner
Kimley-Horn
2619 Centennial Boulevard, Suite 200,
Tallahassee, FL 32308

Frank Domingo, P.E.
Stantec
6920 Professional Pkwy E.
Sarasota, FL 34240

Jim Collins, Planner
Boone Law Firm
1001 Avenida Del Circo
Venice, Fl 34285

Ryan W. Sollars, PLA, ASLA
SWSLA
PO Box 1062
Lithia, Fl 33547

Pat Neal
Neal Communities
5800 Lakewood Ranch Boulevard
Sarasota Fl, 34240

Alec Hoffner

Professional Credentials

- Master of Science, Soil and Water Science, University of Florida, 1995
- Graduate Certificate in Wetlands, Center for Wetlands, University of Florida, 1995
- Bachelor of Science, Forest Resources and Conservation, University of Florida, 1993
- Certificate, Urban Forestry, University of Florida, 1993

Special Qualifications

- Has 29 years of environmental consulting experience
- Experienced in habitat mapping, environmental constraints analysis, wetland delineation, environmental permitting, wetland mitigation design, UMAM functional assessments, expert witness testimony, seagrass/benthic marine resource mapping, soil mapping and characterization, hydric soils determinations, and seasonal high water table determinations

Relevant Experience

Lakewood Ranch, SE Sector, Sarasota County, FL — Environmental scientist. Alec was responsible for wetland delineation and flagging of a 4300-acre parcel, Formal Determination of Wetlands and Surface Waters through the SWFWMD, environmental components of an application to the SWFWMD for roadways and other infrastructure, listed wildlife species surveys, Sarasota County environmental entitlements, and expert witness testimony.

Strazzera, Sarasota County, FL – Environmental Scientist. Alec was responsible for environmental components of Sarasota County entitlements including Development of Critical Concern, rezone, Neighborhood Plans, and Site and Development approvals on this 425-acre parcel. Additional responsibilities included Southwest Florida Water Management District Environmental Resource Permit applications, listed species surveys, Formal Wetland and Surface Water Determination, and gopher tortoise relocation.

3-H Parcel, Sarasota County, FL – Environmental Scientist. Alec was responsible for Development of Critical Concern and rezone applications for this 2,800-acre parcel. Additional responsibilities included wetland delineation, habitat mapping, listed wildlife species surveys.

Boca Expansion, Sarasota County, FL – Environmental Scientist. Alec was responsible for Sarasota County rezone and site and development applications for this 500-acre parcel. Additional responsibilities included environmental components of the Southwest Florida Water Management District Environmental Resource Permit application, habitat mapping, wetland delineation, listed wildlife species surveys, and gopher tortoise survey and relocation.

North River Ranch, Manatee County, FL – Environmental Scientist. Alec was responsible for Manatee County, Southwest Florida Water Management District, and US Army Corps of Engineers permitting and entitlements. Additional responsibilities included habitat mapping, listed wildlife species surveys, eagle permitting, gopher tortoise survey and relocation, and Formal Wetland and Surface Water Determination.

Florida Southeast Connection, Pipeline Project, FL — Environmental scientist. Prior to joining Kimley-Horn, Alec was responsible for the appraisal of trees growing within the proposed permanent and temporary work areas using the methodology outlined in the CTLA Guide for Plant Appraisal, 9th edition.

Alec Hoffner

Relevant Experience, cont.

South Florida Water Management District, City National vs. SFWMD, Dade and Palm Beach Counties, FL — Expert witness testimony. Prior to joining Kimley-Horn, Alec performed habitat mapping of a 1200-acre parcel and conceptual development design, including mitigation proposal. The mapping was accomplished by aerial inspection via helicopter combined with ground-truthing.

Land Trust 97-12, Perico Parcel, Manatee County, FL — Environmental scientist. Prior to joining Kimley-Horn, Alec was responsible for responsible for obtaining a Mangrove Alteration Permit from the Florida Department of Environmental Protection. Supervision of mangrove trimming and nuisance/exotic vegetation removal along 2,500 feet of shoreline in Anna Maria Sound.

Lakewood Ranch, Waterside, Sarasota County, FL — Environmental scientist. Prior to joining Kimley-Horn, Alec was responsible for responsible for wetland delineation and flagging of a 3200-acre parcel, Formal Determination of Wetlands and Surface Waters through the Southwest Florida Water Management District, environmental components of an application to the Southwest Florida Water Management District for a master stormwater facility, listed wildlife species surveys, Federal Dredge and Fill permitting, and Sarasota County environmental entitlements.

Neal Communities, Inc., Harbourage on Braden River, Manatee County, FL — Environmental scientist. Prior to joining Kimley-Horn, Alec was responsible for responsible for permitting a 30-slip marina facility, including dock construction and dredging. Also prepared permit applications for a footbridge, canoe/kayak launch, and fishing observation pier.

Lakewood Ranch, Northeast Sector, Manatee County, FL — Environmental scientist. Prior to joining Kimley-Horn, Alec was responsible for wetland delineation and flagging of a 3700-acre parcel, Formal Determination of Wetlands and Surface Waters through the SWFWMD, environmental components of an application to the SWFWMD for roadways and other infrastructure, listed wildlife species surveys, Federal Dredge and Fill permitting, Federal Cumulative Impacts Analysis, and Manatee County environmental entitlements.

D. Shawn Leins, P.E.

President/Principal



EDUCATION:

Bachelor of Science, Civil Engineering
University of Florida, 1984
Associates of Arts, Florida State University,
1980
Advanced MOT Certified

PROFESSIONAL REGISTRATIONS:

Florida Professional Engineer No. 41078

PROFESSIONAL AFFILIATIONS:

American Society of Civil Engineers
Florida Engineering Society
Myakka Chapter, Past President (1993)
American Solar Energy Society
Sarasota Chamber of Commerce
Gulf Coast Builders Exchange
Homebuilders Assoc. of Manatee County
Florida Tomorrow

AWARDS AND RECOGNITIONS

Young Engineer of the Year 1993
FES Myakka Chapter

APPOINTED POSITIONS

Sarasota County Development Services
Advisory Committee
Florida Employers Exchange

Mr. Leins, President and Chief Design Engineer has been with A M Engineering, LLC since 1988. His experience includes preparing construction cost estimates, studies, reports, state and local permit applications, contract documents, and

construction plans for water, wastewater, utility relocations, drainage and paving improvements in residential and commercial developments located in Sarasota, Charlotte and Manatee Counties.

Mr. Leins received his Associate of Arts degree from Florida State University in 1980 and his Bachelor of Science degree in Civil Engineering in 1984 at the University of Florida. He is a member of the American Society of Civil Engineers and the National Society of Professional Engineers. He is a member and past president of the Florida Engineering Society, Myakka Chapter, from which he received the 1993 "Young Engineer of the Year Award".

Mr. Leins' knowledge of AutoCAD is used extensively in the preparation of conceptual development plans, preliminary plats, utility plans, construction plans and record plats. He has been involved in many successful developments from conceptual through final plat and his use of computer modeling for water distribution and stormwater management offers a practical "hands-on" approach in assuring that systems are designed for best performance.

Development improvements also include road improvement projects, utility extensions and utility relocations.

Mr. Leins is a member of the Sarasota County Development Services Advisory Committee which reviews proposed ordinances and provides recommendations to the Board of County Commissioners on various issues affecting the Development Community.

Shawn Leins upholds the tradition of excellence at AM Engineering, LLC and continues to provide his clients quality service with a personal touch.

Francisco Domingo PE

Senior Project Manager, Transportation

37 years of experience · Sarasota, Florida

Frank brings over 37 years of comprehensive infrastructure, transportation planning, and development expertise to his projects. His professional background encompasses project management, conceptual planning, feasibility analysis, roadway design, right-of-way acquisition, permitting, community relations, developer agreement negotiations, and construction contracts. Frank offers his clients valuable knowledge of the policies and procedures involved in the planning process to facilitate successful public-private partnerships.

EDUCATION

Bachelor of Science, Civil Engineering, University of Florida, Gainesville, Florida, US, 1986

Florida Engineering Leadership Institute, FICE, Graduate, 2012

FDOT, Advanced Work Zone, Traffic Control, US, 2024

REGISTRATIONS

Professional Engineer #C46393, State of California

Professional Engineer #51601, State of Florida, 1997-present

PROJECT EXPERIENCE

MASTER PLANNING

Hayman Property Regional Park Master Plan | Polk County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. Stantec provided site evaluation and conceptual master plan development of an 83-acre regional park located in the northeast portion of the county. The project site characteristics includes more than 100-feet of elevation change and lakefront access to Lake Davenport. The utilization of preliminary grading and elevation design for the Conceptual designs advanced the public process and construction methodology saving the county parks and recreation department critical time and cost. This park is to include both active and passive recreational programming that accommodates multiple user groups.

Venice Seaboard Master Plan | Sarasota County, Florida | Lead Transportation Engineer

Responsible for overall project transportation engineering elements. Stantec coordinated a public/private partnership between the City of Venice and Sarasota County for a joint planning study identifying opportunities for redevelopment and revitalization of an underutilized industrial area along with U.S. 41 corridor.

Corpus Christi Downtown Area Development Plan | Corpus Christi, Texas | Transportation Engineer

Responsible for detailed multimodal mobility and parking strategy elements of the plan. Stantec provided evaluation of the existing and planned bicycle, pedestrian, and transit network, and developed conceptual improvements and standards for the Downtown Development Plan. A parking inventory and recommended strategies/best practices for a parking district to support special event and accommodate future development were generated. Alternative alignments for the downtown street network including intersection controls (roundabouts) were evaluated and developed for possible incorporation into the Harbor Bridge Replacement Project. On-site and off-site parking and transit operation strategies were developed for the Sports, Entertainment and Arts (SEA) District including the minor league baseball stadium, convention center and museums.

Bradenton Visioning CO1 - Ward 5 Outreach | City of Bradenton | Bradenton, Florida | 2024 | Smart(ER) Mobility

Provided Smart(ER) Mobility support in evaluating multimodal routes and mobility hub alternatives. Assisted in developing typical sections for lane re-purposing considering available land, floodplain and coastal high hazard avoidance, traffic volumes, logical connectivity, and safety.

COMPLETE STREETS

Hillsboro Boulevard Lane Reduction Study and Streetscape Improvements | City of Deerfield Beach | Deerfield Beach, Florida | 2015 | Senior Transportation Engineer

Provided quality control review of the traffic analyses and the conceptual transportation design for the lane reduction application to FDOT D-4.

Bayshore Drive Complete Streets | Naples, Florida | 2023 | Project Manager

Project manager leading the effort to to evaluate the access configuration, explore the feasibility of a lane repurposing alternative and update the parking demand/supply along the Bayshore Drive to improve safety, slow traffic speeds, preserve landscape/hardscape features and create parking opportunities. Following the Florida Department of Transportation (FDOT) Lane Repurposing Guide the following tasks were performed for the existing and 2045 conditions and 2-lane and 4-lane configurations.

Treasure Island Downtown Mobility Plan | City of Treasure Island | Treasure Island, FL, USA | 2023 | Transportation Engineer

Transportation engineer for the development of the Downtown traffic study and mobility plan. Supported this effort by overseeing the traffic analysis, the development of transportation infrastructure improvements, community outreach and presentations to the City Commission.

MIXED-USE

Babcock Ranch Community Development of Regional Impact | Charlotte County, Florida | Transportation Engineer

Participating as a team member offering traffic input and analysis in the establishment of a vision for the future community, as well as transportation planning and engineering expertise for the development of the AMDA and other related entitlements preparation. Buffered by 74,000 acres of state-owned preservation lands, this 17,000-acre future sustainable community of 40,000 will ultimately be enhanced by parks, marshes, and golf courses and supported by 6 million s.f. of retail and commercial facilities. The Ranch is envisioned as a model for sustainable development throughout the state.

Westfield Shoppingtown Southgate | Sarasota County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. This project entails the expansion and renovation to add 228,000 s.f. to the existing mall in four phases of redevelopment. Project challenges include the resolution of traffic concurrency, neighborhood traffic impacts, US 41 stormwater outfall relocation, coordination with the City's plans for upgrading of Siesta Drive along the project's frontage, minimizing construction impacts for existing tenants, and complying with current regulatory criteria for stormwater management criteria on a fully developed site.

Village on the Trail | Sarasota County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. Village on the Trail required processing and permitting services for a Development of Critical Concern and associated rezoning this 220-acre, mixed-use project located on SR 681 in Nokomis, Florida. This project will be developed as a neo-traditional mix of 1,950 residential units, 220,000 s.f. of retail/office and civic open space, and will incorporate the "Rails-to-Trails" corridor in a regional planning effort.

Indian Creek Hamlets | Sarasota County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. Stantec was retained to process and permit a Development of Critical Concern for approximately 4,000 acres of land in eastern Sarasota County. The proposed development will be in the Hamlet form as defined in the Sarasota County 2050 Comprehensive Plan. The concept will create compact development areas, while preserving large areas of open space that surround the developed areas.

Myakka Pines Settlement | Sarasota County, Florida | Lead Transportation Engineer

Responsible for overall project transportation engineering elements. Stantec provided the initial processing/permitting of a Development of Critical Concern and associated rezoning of approximately 450 acres of land in Englewood, Florida. This proposed development will be in the Settlement form as defined in the Sarasota County 2050 Comprehensive Plan. The concept will create a compact development while preserving large expanses of open space.

Palmer Ranch | Sarasota County, Florida | Transportation Engineer

Responsible for transportation planning services including the preparation of transportation concurrency analyses for Increments V (Parcel Q), 140,000 square foot Big Box Building Supply store, VII (Parcel B-3) through rezoning and Settlement and Road Impact Fee Credit Agreement negotiations. Instrumental in the extension of the Settlement Agreement between Sarasota County and Palmer Ranch for 20 years through the year 2029. Stantec was contracted to implement the master plan this 10,000-acre property, which includes a 5,200 Master DRI approved for 10,500 dwelling units and three million square feet of commercial, office and industrial development. A 680-acre parcel along SR 681 is part of the Sarasota County Energy Economic Zone and is currently being planned as a model sustainable community, including a major employment center to attract clean technology and other businesses to create green jobs.

Grand Palm Subdivision | Sarasota County, Florida | 2013 | Transportation Engineer

Responsible for overall project transportation engineering elements for a 1,999 dwelling unit and 150,000 square feet of retail mixed-use development. A transportation impact analysis was performed to determine traffic concurrency and biennial traffic monitoring support services were provided.

Villages of Amazon South | Manatee County, Florida | 2013 | Transportation Engineer

Responsible for overall project transportation engineering elements for a 1,999-dwelling unit, 40,000 square feet of retail, and 20,000 square feet of office mixed-use development. A transportation impact analysis was performed to determine traffic concurrency and Local Development Agreement support services were provided.

RETAIL

Milano PUD | Laurel Road Investments LLC | Venice, Florida | 2021-present | Transportation Engineer

Transportation Engineer supporting a proposed 70,000 SF retail shopping center at the southwest corner of Laurel Road & Jacaranda Boulevard. Services included preparing an application for administrative variances for non-standard access points, traffic impact analysis, public outreach support and expert witness testimony.

ROADWAYS

Fort Hamer Road Segment C | Neal Communities | Manatee County, Florida | Project Manager and Engineer of Record

Project Manager and Engineer of Record for the design and permitting of the two outside lanes of an ultimate four-lane arterial roadway from US 301 to 69th Street East. Improvements include bicycle lanes, sidewalks, curb and gutter, closed drainage system, intersection improvements and a traffic signal.

Cattlemen Road Phase 2 | Sarasota County | Sarasota County, Florida | Project Manager and Engineer of Record

Project Manager and Engineer of Record for the reconstruction and widening of Cattlemen Road to four lanes from approximately 600 feet north of Bahia Vista Street to South Packinghouse Road including the intersection at Palmer Boulevard and reconstruction of South Packinghouse Road from Palmer Boulevard to Cattlemen Road. Also included are street lighting, mast arms replacement, curbs and gutters, stormwater pipes, and inlet structures, sidewalk, and bicycle lanes. A connection to the stormwater pond built at the northeast quadrant of Palmer and Apex that will accommodate the stormwater run-off from the project area.

Sarasota County (#502 PMS) - WA#380 Resurfacing Projects 2015 | Sarasota County Government | Sarasota, FL | 2015 | Principal

Principal in Charge- performed evaluation of existing streets that are scheduled for resurfacing in 2015 fiscal year. Produced bid documents based on evaluation findings and provide construction phase services.

Venice Resurfacing Project, Phase 1 | City of Venice | Venice, FL | 2017 | Project Manager

Project Manager :CEI and Verification Testing Services for the milling, resurfacing, and striping of approximately 32.5 total lane miles of existing roadway, located within the City of Venice. The project also included ADA sidewalk ramp upgrades, sidewalk panel replacement, curb replacement and base repairs.

State Road 10 (Tennessee Ave.), Mid-Block Crossing Analysis | FDOT District 3 | Tallahassee, Florida | 2014 | Transportation Engineer

Responsible for project quality control for the transportation engineering elements. Performed three mid-block pedestrian crossing analyses on Tennessee Avenue through the Florida State University (FSU) Campus. The analysis included warrant studies for HAWK beacons (High-Intensity Activated crossWalk beacons), evaluation of origin/destination pedestrian patterns and recommendations for improved pedestrian safety to cross the 6-lane facility into the FSU campus. Fees: \$70,000, Size: 1.0 miles

Cattlemen Road - Fruitville Road Intersection Improvements | Gateway to Sarasota DRI | Sarasota County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. Stantec led several engineering design teams to design and permit improvements to one of Sarasota's major intersections at Cattlemen and Fruitville roads. The project involved a developer agreement with two developers and the County, and significant permitting issues through multiple permitting agencies.

University Parkway - Lockwood Ridge Intersection Improvements Design | Lakewood Ranch | Manatee and Sarasota Counties, Florida | Transportation Engineer

Responsible for project transportation engineering elements. To mitigate the impacts of a new residential community near the intersection, Centex Homes contracted with Stantec to design major improvements to the intersection, including lengthened turn lanes, the addition of dual left turns, and exclusive right turn lanes in all four quadrants.

El Conquistador Roundabout Design | Manatee County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. Stantec designed a roundabout at the intersection of 53rd Avenue West and 75th Street West in Manatee County to accommodate a proposed development, as well as a fourth leg from a future development. The project involved a public-private partnership between the County and the primary landowner and was subject to County technical reviews.

North Cattlemen Road Design & Permitting | Benderson Development Company & Sarasota County | Sarasota County, Florida | Project Manager

Responsible for ongoing client and project coordination, account management, and project scheduling. Stantec is providing the design and permitting of 2.8 miles of new four-lane arterial roadway between Richardson Road and DeSoto Road. The project is subject to an FDOT Local Agency Program (LAP) Agreement. The improvements involve constructing a four-lane, closed drainage design with raised median, bicycle lanes, sidewalks, lighting, and a rigid-frame bridge. This project received the FTBA LAP Construction Project of the Year Award in 2013.

Toledo Blade Boulevard Widening Design | Sarasota and Charlotte Counties, Florida | Transportation Engineer

Responsible for maintenance of traffic design. Stantec was retained to provide the design for the widening of Toledo Blade Boulevard from US 41 to I-75 (five miles) from two lanes to four lanes. The project includes new raised medians, establishment of an access management plan, five new traffic signals, two new bridges, street lighting, drainage facilities, and landscaping.

US 301 - Segment B Roadway Widening Design Services | FDOT District 1 | Manatee County, Florida | Transportation Engineer

Responsible for maintenance of traffic design. Funded through a public-private partnership between 22 developers, Manatee County, and the FDOT, Stantec was contracted for the widening design of four miles of US 301 (from Erie Road to CR 675) from two to four lanes, with the provision for future expansion to six lanes.

Siesta Key Village Neighborhood Beautification | Sarasota County | Sarasota County, Florida | Project Manager

Responsible for overall project management and project permitting. Stantec undertook the design and permitting of streetscape improvements to the Siesta Key Village including brick sidewalks, crosswalks, landscape, and hardscape treatments. This project was performed for Sarasota County Public Works to be jointly funded by a Public Improvement District. The project dealt with significant public participation and outreach.

Honore Avenue Improvements (Bee Ridge Road to Fruitville Road) | Sarasota County | Sarasota County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. This design-build contract entails the 2.5-mile extension of a critical missing link of one of the few north-south thoroughfares in the County. The result will be the standard for context sensitive design and Low Impact Development strategies in the region. Imaginative lane and median configuration save more than 75% of the existing high-value trees within the previously dedicated right-of-way. 2013 APWA Transportation Project of the Year.

Honore Avenue - Phase V (Southern Terminus to SR 681) | Sarasota County, Florida | Project Manager

Responsible for ongoing client and project coordination, account management, and project scheduling. Stantec provided surveying, design, landscape architecture and permitting services for the construction of Honore Avenue from its current southern terminus to State Road 681. These 14,000 linear feet of new roadway is intended to serve future development parcels within Palmer Ranch and provide a critical alternative north-south roadway through central county.

Clark Road/Honore Avenue Intersection Improvements | Sarasota County, Florida | Project Manager

Responsible for ongoing client and project coordination, account management, and project scheduling. Stantec provided conceptual and final design services for the improvements to the Clark Road/Honore Avenue intersection. Services included signalization design, roadway design, signing, pavement markings, stormwater management design, and contract specifications package preparation. These project services were performed in conjunction with a development agreement for Sarasota Memorial Hospital.

Jacaranda Boulevard Design-Build (Border Road to Laurel Road) | Venice, Florida | 2012-2013 | Project Manager

Responsible for ongoing client and project coordination, account management, and project scheduling. Working in partnership with ET MacKenzie Construction, the City of Venice engaged Stantec to design improvements for approximately 1.1 miles of Jacaranda Boulevard from Border Road to Laurel Road. The improvements included two outside lanes within a four-lane right-of-way on new alignment with a raised median, bike lanes, curbs and gutters, sidewalks, and street lighting. Plans also included constructing stormwater ponds, relocating utilities, and avoiding herbaceous wetlands. The project was completed on-time and within budget.

SR 104 Resurfacing, Rehabilitation, and Restoration from I-95 to US 17 | Jacksonville, Florida | Traffic Engineer

Responsible for quality control review of a traffic signal preemption study for a railroad crossing between two signalized intersections on SR 104. The study included a site investigation of type and location of active and passive warning devices, advance warning signs and pavement markings. A queuing analysis was performed at the crossing and recommendations on the required traffic signal preemption needed at the intersections were made. This was completed as part of the 0.87-mile resurfacing, rehabilitation, and restoration project of a four-to-six-lane divided urban arterial roadway.

Bay Street Extension (Pine Ranch East Road to Honore Avenue), Sarasota, Florida | FDOT District 1 | Florida | Engineer of Record

Responsible for ongoing client and project coordination, account management, and project scheduling. Palmer Ranch Holdings LTD engaged Stantec to design improvements for approximately 1.1 miles of Bay Street from Pine Ranch East Road to Honore Avenue. The improvements included two outside lanes within a four-lane right-of-way on new alignment with a raised median, bike lanes, curbs and gutters, sidewalks, and street lighting. Plans also included constructing stormwater ponds, relocating utilities, a roundabout at the intersection of Honore Avenue, a rails-to-trails crossing and avoiding herbaceous wetlands.

Roundabout- Honore Avenue at Central Sarasota Parkway, Sarasota, Florida | Palmer Ranch Holdings, LTD | Sarasota County, Florida | 2019 | Engineer of Record

Responsible for ongoing client and project coordination, account management, and project scheduling. Palmer Ranch Holdings LTD engaged Stantec to design improvements for a two-lane roundabout at the intersection of Honore Avenue and Central Sarasota Parkway.

Palmer/Apex Roundabout | Sarasota County Board of County Commissioners | Sarasota, Florida | 2023 | Principal

Principal in charge for the design and permitting of a roundabout at Palmer Boulevard and Apex Road.

TRANSIT

Westshore to Crystal River/Inverness Transit Corridor Study | FDOT District 7 | Hillsborough to Citrus Counties, Florida | 2010-2012 | Transportation Engineer

Responsible for project transportation planning and civil engineering elements. This project included the development of a Transit Evaluation Study for 75-mile, four-county corridor on behalf of the Florida Department of Transportation District 7 and the Tampa Bay Area Regional Transportation Authority. The study included the screening of 20 corridor alternatives, evaluation of various transit technologies from rubber tire to fixed guideway, development of planning level operational plans and agency coordination.

Transportation Disadvantaged Service Plan- Minor and Major Updates-Sarasota County | Sarasota County Area Transit | Sarasota, Florida | Project Manager

Responsible for project management and production of the plan updates. This project included the data collection and evaluation of the existing and projected service needs. Analyses were performed based upon field review, data collection and growth projections to address capacity and operational needs. Recommendations are being developed to enhance service and provide long-term strategies.

LeeTran Rosa Parks Renovations | Lee County Government | Fort Myers, Florida | 2021 | Transportation Engineer

Provide design, engineering, and post design services for improvements to the Rosa Parks Intermodal Facility. Activities include design, engineering, and modifications of existing bus bays, increasing the canopies, optional parking modifications, improvements to the current building, and enhancing the transit experience. Designed the wayfinding, site circulation, managed the traffic impact statement, developed the design deviations to accommodate the additional bus berths and reconfigured circulation of an established downtown transit station.

TRANSPORTATION PLANNING

Pine Ridge Road Corridor Congestion Study | Collier County, Florida | Principal in Charge

Managed the traffic engineering services in conducting a congestion study of Pine Ridge Road near I-75. Services included land-use analysis, level-of-service analysis of existing and future conditions, development and testing of potential solutions, microsimulation of recommended alternatives, and public involvement. The congestion study consisted of an initial operational analysis of the corridor using Synchro and then a microsimulation analysis of the preferred alternatives.

Honore/17th and McIntosh/Ashton Intersection Analysis & Concept Development, Sarasota County, Florida | Principal in Charge

Responsible Quality Assurance/Quality Control. Stantec provided capacity/operational analyses for two intersection including conventional signalized intersection, preliminary evaluation of a continuous flow intersection and roundabout. Conceptual designs were developed for signalized and roundabout designs including geometry, lane requirements, right-of-way impacts and access management needs.

Old Kings Road PD&E Study | FDOT District 5 | City of Palm Coast, Florida | 2011 | Project Manager

Project Manager of the PD&E for the widening and extension of Old Kings Road in the City of Palm Coast. The proposed improvements include the widening from Palm Coast Parkway to Forest Grove Drive for a length of 3.3 miles and will consist of adding two lanes on the east side of the existing two-lane roadway from Farragut Drive to Forest Grove Drive. The extension from Forest Grove Drive to Old Kings Road for a length of 2.6 miles will consist of the outside two lanes of an ultimate four-lane divided roadway. The project requires new asphalt pavement, drainage, concrete curb and gutter, and sidewalks. In addition, the project will include streetscape and irrigation, and upgrades to storm water retention ponds and traffic control, including signage and striping.

DeSoto Future Comprehensive Plan Update | DeSoto County, Florida | Transportation Engineer

Responsible for project transportation engineering elements. Answering to several clients, Stantec followed changes to DeSoto County's Comprehensive Plan to provide input for both the County and the client's interests related to the development of strategies and policies for greenhouse gas reduction strategies and carbon sequestration consistent with Florida House Bill 697.

Central Sarasota Parkway - I-75 Interchange PD&E Study & Final Design | FDOT District 1 | Sarasota County, Florida | Project Manager

Responsible for project final design and overall project management. Stantec conducted the Project Development and Environment (PD&E) Study and final design on behalf of Sarasota County, Palmer Ranch, and the FDOT District 1. The interchange will complete the extension of Central Sarasota Parkway from Honore Avenue to I-75 and provide new access to and from the interstate for area residents.

Hillsborough County MPO Congestion Management Program | Tampa/Hillsborough County MPO, Florida | 2012 | Transportation Engineer

Responsible for project management. This project included the development of a report detailing the process for creating a Congestion Management Process Report which identified congested segments of the multi-modal system, providing a menu of options to remediate congestion.

Lorraine Road North Corridor Study | Lakes of Sarasota CDD | Sarasota, Florida | 2021 | Transportation Engineer

Provided a preliminary design report for roadway corridor extension to construct approximately 3.8 miles of Ibis Street from Clark Road (SR 72) to future Lorraine Road, 1.5 miles of Lorraine Road from the existing southern terminus of Lorraine Road south of Clark Road southward and westward to the southern property boundary of 3-H Ranch (Northern Leg). The Lorraine Road improvements are anticipated to be two traffic lanes (outside lanes within an ultimate four-lane section), median, bicycle lanes, sidewalks, curb and gutter, stormwater management, right-of-way needs, utility corridor, two ditch crossings, and intersection improvements at Ibis Road. The Preliminary Alignment Study, including a Preliminary Design Report (PDR), identified alternative and recommended alignments for the roadways in this project.

Lorraine Road South Corridor Study | Palmer Ranch Holdings LTD. | Sarasota, Florida | 2021 | Project Manager

Prepare a corridor study to ultimately construct approximately 3.7 miles ± of Lorraine Road from the northern property line of the McCann Parcel (Palmer Ranch East 2300-acre Parcel) south for 2.1 miles ± and then east 1.6 miles ± to Knights Trail Road; Also, evaluated Knights Trail Road from the future intersection with Lorraine Road to Laurel Road. The Lorraine Road improvements are anticipated to be two traffic lanes (outside lanes within an ultimate four-lane section), median, bicycle lanes, sidewalks, curb and gutter, stormwater management, right-of-way needs, utility corridor, several ditch crossings, and intersection improvements at Knights Trail Road. Produced a Preliminary Alignment Study, including a Preliminary Design Report (PDR), identifying alternative and recommended alignments for this project.

COMPREHENSIVE PLANNING

City of Corpus Christi Comprehensive Plan Update, Corpus Christi, Texas | (Technical Specialist)

Served as the technical specialist focused on infrastructure related issues including potable water, wastewater, stormwater, and transportation. This included working with stakeholders in the community and working groups to develop policies and strategies for implementation.

Robinson Farms Comprehensive Plan Amendment Hurricane Preparedness Analysis | Manatee County, Florida | Project Manager - Transportation

Responsible for overseeing the evaluation of the impact of 147 single-family dwelling units on hurricane shelters and evacuation times in Manatee County consistent with Rule 9J-2.0256, Florida Administrative Code. This was completed as part of the Comprehensive Plan Amendment to increase the residential density within Evacuation Level B zone. Testimony at the public hearing and before an administrative law judge.

Clark Road Properties Amendment, Sarasota, Florida | Transportation Engineer

Responsible for the transportation planning for a Comprehensive Plan Amendment that revise policies and definitions related to future development of walkable villages on properties located outside the Urban Service Area and south of Clark Road. The project included data collection and traffic analysis, public workshops, drafting of documents, and public hearings. This also included revising the Sarasota County Zoning Regulations to implement the Comprehensive Plan Amendment.

EXPERT TESTIMONY

Miramar at Lakewood Ranch LLC v. Miramar HOA | Miramar at Lakewood Ranch, LLC | Lakewood Ranch, FL, USA | Expert Witness

Prepared transportation court exhibits and provided expert testimony in court regarding transportation access and traffic generation.

SMART MOBILITY

New Haven Self-Driving Shuttle Concept Plan and Application to the State | City of New Haven | New Haven, CT | 2019 | Traffic/Transit Manager

Traffic/Transit Manager overseeing preliminary site analysis for route alternatives. In order to complete the requirements for the state application, the team had to conduct detailed site analysis to determine risk factors and present a thorough evaluation in support of our preferred route alternative, including a safety and communications plan.

ASU Self-Driving Shuttle Concept Plan | Arizona State University | Tempe, AZ | 2019 | Traffic/Transit Manager

Traffic/Transit Manager assisting in development of the concept plan for a self-driving shuttle route on ASU's Tempe campus. The design process included student engagement, site analysis, and a detailed evaluation of route alternatives. The plan resulted in a detailed cost estimate including required infrastructure modifications for safe operation.

Okotoks Self-Driving Shuttle Concept Plan | Okotoks | Okotoks, AB, Canada | 2018 | Traffic/Transit Manager

Traffic/Transit Manager assisting in the detailed site analysis and route alternatives evaluation for a self-driving shuttle public transportation system in Okotoks, Alberta, Canada. The town hired Stantec to develop a Local Transit Plan to explore public transportation options; one option included the use of self-driving shuttles.

Jackson Health Self-Driving Shuttle Feasibility Plan | Jackson Healthcare | Alpharetta, GA | 2019 | Principal in Charge

Principal in charge overseeing the detailed site analysis and route alternatives evaluation for a self-driving shuttle private transportation system on a health care campus in Alpharetta, Georgia of self-driving shuttles. Prepared a request for proposals and provided a technical/cost evaluation of the submitted proposals.

Cortez Ore Transportation Project HEV Prefeasibility Study | Nevada Gold Mines | Elko, NV | 2020 | Smart Mobility SME

Heavy Electric Autonomous Vehicles subject matter support to prepare a Pre-Feasibility Study evaluating heavy electric autonomous trucks and trailers for a 60 and 80-mile hauling operation for a gold mine. The purpose of the study was to improve safety, efficiency and reduce carbon emissions. The tasks included development of a supplier's matrix, evaluating available technologies for battery electric power, charging needs, hauling capacity and autonomous driving systems.

Autonomous Vehicle Shuttle Pilot (Suppliers Matrix) | Confidential Entertainment Company | Glendale, CA | 2020 | Project Manager

Project manager overseeing the development of an autonomous vehicle supplier's matrix including over 40 vehicle and automated drive system suppliers, jurisdictional oversight of AV's and preliminary risk evaluation of alternative routes.

Integral Shared Autonomous Vehicle Service, Doraville, | Integral | Assembly Yards Automated Shuttle Pilot Project | 2018 | Principal in Charge

Principal in Charge to lead the feasibility of a Shared Autonomous Vehicle (SAV) system operating within the Assembly Community Improvement District (CID). The CID, referred to as "Assembly Yards" and located within the City of Doraville, Georgia, is embarking on a large-scale, multiphase redevelopment initiative to bring new economic opportunities to the region. The effort is focused on the former General Motors assembly plant, which is located adjacent to Chamblee, Georgia, and situated beside a Metropolitan Atlanta Rapid Transit Authority (MARTA) station. Managed the production an implementation plan for a pilot program and assisted with equipment acquisition and deployment.

Chamblee Self-Driving Shuttle Feasibility Study and Concept Plan | City of Chamblee | Chamblee, GA | 2017 | Transportation Engineer

Traffic Engineer/Transit Planner assisting in the creation of a concept plan for deploying self-driving shuttles along Chamblee's main street, Peachtree Road. The design process included detailed site analysis, stakeholder interviews, public engagement, route alternatives evaluation, preferred route cost, and determination of feasibility. This plan led to additional phases of work, including a current phase two pursuing a pilot project implementation.

Self-Driving Shuttle Concept Plan, Pinellas County, Florida | Pinellas Suncoast Area Transit | Pinellas County, FL | 2019 | Transportation Engineer

Transportation engineer supporting the creation of a feasibility study and concept plan for deploying Shared Autonomous Vehicles in one or more of Pinellas County's towns (Clearwater and Dunedin). This study is phase 1 of 3 towards implementing a pilot project. Data driven process to identify infrastructure modifications, operational requirements, and route definition.

Sarasota-Manatee Barrier Island Traffic Study, | Florida Department of Transportation District 1 | Florida | 2019 | Project Manager

Responsible for project management and production of the traffic study and event management plan. This project includes the development of an integrated mobility plan to address the special event nature of the seasonal visitors from November to April for a 20-mile area from Lido Key to Anna Maria Island. The plan addresses congestion relief, park and ride strategies, the use of alternative transit modes such as trolleys, water taxis/ferries, aerial gondolas, low speed electric shuttles, and intelligent transportation systems to provide traveler/parking information to the traveling public.

University and Wiregrass Intermodal Center Concept Development | FDOT District 7 | 2021 | Smart Mobility Engineer

Responsible for the development of intermodal station concepts for six locations along future Bus Rapid Transit (BRT) routes. The conceptual designs included as BRT bays, bus bays, intercity bus facilities, park and ride, smart mobility hubs for e-bikes, e-scooters, e-cargobikes & micromobility charging, transportation network company curbside areas, EV charging, future AV shuttle facilities and footprints for Transit Oriented Development opportunities. Both plan view and 3-D renderings were generated for the typical project locations.

Dome Traffic Study | Syracuse Metropolitan Transportation Council | Syracuse, New York | 2021 | Transportation Engineer (Peer Review)

Peer reviewer for Phase 1 & Phase 2 Reports. Working with SMTC (the regional planning agency) and Syracuse University to create four documents – A review of best practices, a review of existing conditions, a strategic plan and then to create a venue-based transportation operations plan for the future post I-81 deconstruction. Multimodal Planning lead and PM working with Populous Architecture, we have completed the first two key documents and have drafted a strategic plan that will lay out the foundational rationale for the operations plan and any proposed interventions.

Atlanta Braves Spring Training Stadium Game Day Operations Plan | Atlanta Braves | Venice, Florida | 2018 | Transportation Engineer

Reviewed the site plans and created multimodal transportation options for changes to parking supply and entry points to accommodate charter coaches, transit buses, parking, and share ride services along with external and internal wayfinding, staffing, and ingress/egress movements. Peer review of the gameday operations plan.

Pinellas Aerial Gondola Feasibility Study | TBARTA | Florida | 2021 | Transportation Engineer

Stantec is currently assisting the Tampa Bay Area Regional Transportation Authority (TBARTA) to examine multiple aerial gondola corridors/route alternatives in the cities of St. Petersburg and Clearwater, while also considering the first-mile/last-mile smart mobility hub applications for aerial gondola stations in various environments including downtown, downtown edge, beach and bayfront. Our scope also consists of planning and evaluating right-of-way and land availability, and evaluating effects on wetlands, seagrass, natural beauty, recreation, urban landscape, view sheds, privacy, parking, permitting, and subsurface utilities. The concepts consider a variety of vehicle types such as e-scooters, e-bikes, e-cargo bikes, bike share, low speed electric vehicles and shared autonomous shuttles. Considerations of adjacent infrastructure suitability include multi-modal pathways, charging, proximity to parking/stations, additional storage, operational logistics and payment platforms.

University and Wiregrass Intermodal Center Concept Development | FDOT District 7 | Tampa, Florida | 2019 | Smart Mobility Engineer

Responsible for the development of intermodal station concepts for six locations along future Bus Rapid Transit (BRT) routes. The conceptual designs included as BRT bays, bus bays, intercity bus facilities, park and ride, smart mobility hubs for e-bikes, e-scooters, e-cargobikes & micromobility charging, transportation network company curbside areas, EV charging, future AV shuttle facilities and footprints for Transit Oriented Development opportunities. Both plan view and 3-D renderings were generated for the typical project locations.

TCF Mobility Hubs | Hampshire County | England | 2021 | Smart Mobility Subject Matter Expert

Stantec provided recommendations to the Hampshire and Southampton Councils guiding the implementation of four Mobility Hubs. The analysis developed concept schemes and renderings for implementation based on market and stakeholder engagement and a detailed understanding of the various mobility hub components (bikes, scooters, EV charging, car hire, car share, lockers, parklets) and the influence of the surrounding infrastructure. A Logic Map was generated to assist in sorting through desired components and for setting priorities. Advisory services were provided for the invitation to tender and the specification package.

Amalie Arena Transportation Plan update | Strategic Property Partners | Tampa, Florida | 2022 | Smart(ER) Mobility Engineer

Evacuation planning has to consider many of the same basics that occur in the normal egress from a venue - how people react during a time of crisis to the information that they are being provided, and how do ensure access by emergency vehicles traveling in the opposite direction to the main egress patterns. Major event planning is a natural by-product of both transit planning (where the transit agency forms a main component of many Emergency Operations Plans and is a standard part of station planning for rapid transit) and event-based planning (where the egress plans form the basis of the evacuation plan).

Bayshore Drive Complete Streets | Naples, Florida | 2023 | Project Manager

Project Manager to evaluate the access configuration, explore the feasibility of a lane repurposing alternative and update the parking demand/supply along the Bayshore Drive to improve safety, slow traffic speeds, preserve landscape/hardscape features and create parking opportunities. Smart(ER) Mobility elements were developed and recommended regarding the use of smart parking technology, micro-mobility services for special events and first-mile/last-mile freight delivery.

NCDOT S-Line Mobility Hub Wake Forest | NCDOT | Wake Forest, NC | 2024 | Mobility Hub Feasibility Support

Supported the Mobility Hub Feasibility analysis that included adapting the toolkit, gathering stakeholder & citizen input, and guiding the horizontal space needs in coordination with the site and architectural teams. In addition, locational data sources such as Replica were used as high-level projections for transit and multi-modal demand. Mobility hub elements evaluated for space allocation included micro-mobility services, active transportation, bike/scooter share, parking, pick-up/drop-off, regional coach bus service, future fixed route transit and first/last-mile solutions to be integrated into an urban rail station to be served by the future S-Line. The station and mobility hub would also serve as a catalyst for transit-oriented development in Downtown Wake Forest.

NCDOT S-Line Mobility Hub Sanford | NCDOT | Sanford, North Carolina | 2024 | Smart(ER) Mobility Engineer

Supported the Mobility Hub Feasibility analysis that included adapting the toolkit, gathering stakeholder & citizen input, and guiding the horizontal space needs in coordination with the site and architectural teams. In addition, locational data sources such as Replica were used as high-level projections for transit and multi-modal demand. Mobility hub elements evaluated for space allocation included micro-mobility services, active transportation, bike/scooter share, parking, pick-up/drop-off, regional coach bus service, future fixed route transit and first/last-mile solutions to be integrated into downtown rail station to be served by the future S-Line. The station and mobility hub would also serve as a catalyst for transit-oriented development in Downtown Sanford.

**James T. Collins, Planner
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Professional Experience

2001-Present Boone Law Firm, P.A. - Experience working with Sarasota County, City of Venice, City of North Port, City of Sarasota and Charlotte County on the following matters from initial work prior to filing applications through final approval, including:

- | | |
|--------------------------------------|----------------------------------|
| -Annexations | -Rezoning |
| -Comprehensive Plan Amendments | -Site & Development Plans |
| -Special Exceptions | -Variances |
| - Conditional Uses | -Critical Area Plans |
| -Developments of Regional Impact | -Community Development Districts |
| -Developments of Critical Concern | -Development Master Plans |
| -Independent Special Districts | -Development Orders |
| -Development Agreements of all types | -Concurrency Issues |

Reviewed and evaluated Land Use Petitions initiated by local governments or other private entities including Annexations, Comprehensive Plan Amendments, Rezoning, Site & Development Plans, Special Exceptions, Variances, and Developments of Regional Impact.

1999-2001 City of Venice Planning Commission- Reviewed and evaluated various Land Use Petitions including Annexations, Comprehensive Plan Amendments, Rezoning, Site & Development Plans, Special Exceptions and Variances.

1986-2001 Employed with various companies in the fields of education, insurance and financial management.

Education

1986 B.S, Economics, The College of New Jersey, Ewing, N.J.