



SANDY AMORES
PRINCIPAL-IN-CHARGE

Firm: WSP

Years of Experience: 44

Education: BS, Professional Studies, Barry University, 1995

Career Overview

Sandy is a Sr. Vice President, Local Business Leader for South Florida with WSP. He brings extensive experience in Public Transportation as well as performance/materials management. His responsibilities have included the pursuits, scoping and overall project management of various transportation related projects. Sandy brings over 35 years of Public Transportation experience.

Prior to his current position, Sandy led WSP's Transit and Rail group in South Florida. He has been instrumental in achieving improvements in the performance of operations, services, and planning of a major public transit agency. In addition to managing operations, maintenance, Sandy has applied his expertise to strategic planning, finance and budgeting, materials management and administration. He also brings experience in intergovernmental and community relations and labor relations.

PROJECT EXPERIENCE

PalmTran General Planning Consultant, Palm Beach County, FL:

Contract Manager. Sandy provides contract administration and project management for this contract that includes Transportation Planning, Operational/Maintenance Planning, Administrative Services, Transit / Traffic Studies and Asset Management.

Miami-Dade Department of Transportation and Public Works (DTPW)

Capital Improvement Plan Program Management Consultant, FL: Client liaison for this contract which includes providing technical and operation planning, traffic and transit studies, PD&E studies, design permitting, engineering inspections, right-of-way support, survey, structural, geotechnical, electrical, construction cost estimating and other professional services required for both Public Works and Transit projects. Sandy's responsibilities include coordinating task assignments with the client, as well as meeting with county staff and elected officials on project status and development.

Broward County General Planning Consultant, Broward County, FL:

Project manager. WSP is providing general planning consultant services for the Broward County Transportation Department.

Miami-Dade Department of Transportation and Public Works (DTPW)

Transit Asset Management Update and Implementation, Miami Dade

County, FL: Client manager. WSP is providing advisory services for the 2022 the Miami-Dade County Department of Transportation and Public Works Asset Management Plans.

Transit Systemwide Study, Broward County, FL: WSP is responsible for services in connection with a systemwide transit study, analysis, planning, environmental analysis, and preliminary engineering design. The project objective includes a final transit systems plan report in 12 to 15 months, including the feasibility of adopting rail, bus rapid transit and other modes of transportation into the current transit system.

Transit Development Plan, Miami-Dade County, FL: WSP was selected to coordinate major update initiatives that include public involvement and outreach, working cooperatively with local transportation boards and organizations to evaluate the quality of existing services, and development of a 10-year program designed to implement transportation strategies.

PRIOR TO JOINING WSP, SANDY HAD SEVERAL KEY POSITIONS OVER 33 YEARS AT THE DTPW IN MIAMI-DADE COUNTY INCLUDING:

Chief Performance and Materials Management: Responsible for the leadership and management of the Performance, and Material Management Division. Duties included overall management of Performance Analysis, Transit Maintenance Reliability, Materials Management, Warranty Reclamation, Asset Management and Ridership Reporting Sections. Responsibilities included establishing, directing and monitoring all Preventive Maintenance activities for Metrobus, Metrorail, Metromover and Facility Maintenance the DTPW's Transit Asset Management Plan (TAMP). Sandy oversaw all functions of Materials Management and other County maintenance activities under Memorandums of Understanding with the Department of Transportation and Public Works. He developed and implemented policies and procedures pertaining to all DTPW assets, was responsible for all data collection and analysis to include trend and root cause as well as forecasting models.



**CLAUDIA
BILOTTO, AICP**
PROJECT MANAGER

Firm: WSP

Years of Experience: 25

Education: M.C.P., City Planning, Georgia Institute of Technology, 2001; B.A., Telecommunications, Pennsylvania State University, 1997

Career Overview

Claudia's project experience includes the development of multimodal planning studies; roadway, transit, and rail feasibility studies; NEPA coordination and documentation; on-call support to transportation agencies; project communications and stakeholder and public engagement strategy development and implementation. Claudia is active in community, civic, and industry leadership activities, and strongly believes that communities thrive when people are engaged where they live and work. Claudia serves on the Georgia Tech College of Design Advisory Board, the TRB Committee on Transportation Policy, Planning, and Process, and as the Co-Chair of the Georgia Partnership for Transit Excellence Steering Committee.

PROJECT EXPERIENCE

Atlanta Downtown Improvement District, The Stitch, Atlanta, GA:

Project Director for this transformative initiative to reconnect downtown Atlanta. The Stitch program includes a RAISE Grant funded Master Planning effort and a combination of state, federal, and local funding sources. to complete concept design, environmental permitting, preliminary engineering and final design to ultimately deliver the Stitch vision. Ms. Bilotto is overseeing the consultant team's activities from planning through design, responsible for resource development and delivery and coordinating with a broad range of project stakeholders including the Georgia Department of Transportation, MARTA, and the City of Atlanta. The project includes a \$157 million-dollar Reconnecting Communities Neighborhood Partnership grant for the first phase of construction to be underway by 2026.

Marta Planning & Technical Services Contract, Atlanta, GA:

Principal-In-Charge. WSP is responsible for project oversight, scheduling, budgets and project delivery including planning, feasibility studies, conceptual and preliminary engineering, and stakeholder and public communications. WSP has been responsible for dozens of simultaneous task orders during this contract including current and previous efforts in support of the GA 400 Transit Initiative, Summerhill Bus Rapid Transit (BRT) Environmental and Conceptual Engineering, BRT Design Standards, the South DeKalb Transit Initiative, Buford Highway and Candler Road Arterial Rapid Transit, the South Fulton Transit Initiative, and other planning activities include environmental documentation, FTA coordination land use analysis, traffic impact assessments, community and public engagement and service planning. WSP coordinated the 30% design and traffic signal plans for new Bus Rapid Transit and has been responsible for the FTA required documentation in support of delivering a TIGER grant that includes a detailed Project Management Plan, Quality Management Plan, Safety and Security Management Plan, Real Estate Acquisition Management Plan, and Bus Fleet Management Plan. WSP facilitated extensive cross-discipline collaboration with multiple stakeholders and all departments within MARTA to deliver these federally mandated requirements. The team has also supported MARTA in the development of the RAISE Grant for the MARTA Five Points Station and the MEGA Grant pending for the GA 400 Transit Initiative.

Atlanta Regional Commission Regional Transportation Plan (RTP) Policy And Technical Support Services, Atlanta, GA:

Project manager responsible for leading a variety of tasks to support the development of the ARC's Regional Plan and other ongoing transportation access and mobility division activities. Worked with staff to develop a framework for the RTP documentation, including its relationship to other agency documents, with a focus on creating a user-friendly format that also addressed all federal requirements. Provided outreach tactics and strategies, as well as collateral materials to support and promote events. Provided federal and state policy guidance including the review of federal rule-making and development of performance metrics and targets to reflect federal requirements. Provided support in preparation for federal certification. Developed best-practice documentation for the Congestion Management Process. Assisted in the development of an approach to scenario planning and community visioning in support of SHRP2 grant implementation. Developed an approach to multidisciplinary long-range plan development for the year 2020.

Clayton County Comprehensive Transportation Plan Update, Clayton County, GA: Oversaw the development of the Clayton County transportation plan, including recommendations across all modes of transportation and prioritization of projects based on a community-driven vision, goals, and objectives. Utilized technology to facilitate interactive collaboration with the county, cities, agency partners, and the public, including elected officials, agency staff, and stakeholder committee members.

Cherokee County Comprehensive Transportation Plan Update, Cherokee County, GA: Managed planning activities that included the assessment of current and future needs in the areas of capacity improvements; operational improvements; safety and bridge improvements; bicycle, pedestrian, and trail projects; transit; and system preservation. A sustainable funding plan for the Cherokee Area Transportation System (CATS) and a conceptual trails plan for the county were both developed as part of the effort. Recommendations for future projects were prioritized based on the community vision, goals, and objectives developed through interactive collaboration with the county, cities, agency partners, and the public, including elected officials, agency staff, and stakeholder committee members.

North Carolina Department of Transportation Public Engagement Toolkit, Raleigh, NC: Project manager leading efforts to promote and populate the NCDOT Transportation Public Engagement Toolkit, an online, interactive collection of public involvement techniques and best practices from across the country. The effort included the development of an extensive database of national public involvement professionals, and coordination with standing committees and organizations engaged in the public involvement community. A training webinar was developed and delivered to practitioners to educate the group on the toolkit functionality and encourage participation and contributions to the toolkit.

Houston-Galveston Area Council Of Governments Northern Brazoria/Pearland Subregional Planning Initiative, Houston, TX: Project manager for the comprehensive evaluation of transportation and land use across multiple jurisdictions to identify and create projects for implementation through the Regional Transportation Plan. The planning effort hinged upon extensive stakeholder engagement with regional planning partners and the public. The study included development and adoption of a vision and goals, comprehensive needs assessment, scenario testing of potential solutions, performance measurement of each scenario based on qualitative and quantitative evaluation factors, identification of recommendations and fiscal constraint of the project list, and development of an implementation plan for each jurisdiction.

Georgia Department of Transportation On-Call Planning Services, Statewide, GA: Project director responsible for oversight and delivery of a variety of task-order assignments, including countywide long-range transportation plans, multimodal corridor studies, interchange justification reports and interchange modification reports (IJRs/IMRs), and cost-benefit analysis.

Rockdale County Comprehensive Transportation Plan Update, Rockdale County, GA: Planning and public involvement task leader responsible for planning activities including the assessment of current and future needs in the areas of roadway, bridge, freight, transit, bicycle, and pedestrian potential improvements (using demographic and GIS analysis) as well as the application of a travel demand model developed for the County. Recommendations in each area of analysis were prioritized based on the community vision, goals, and objectives developed through interactive collaboration with local officials, agency staff, stakeholder committee members, and citizens. Goals centered on enhancing and sustaining quality of life while accommodating growth and economic development.

Bulloch County–City of Statesboro 2035 Long-Range Transportation Plan, Bulloch County, GA: Project manager for the development of a long-range transportation plan for Bulloch County, the city of Statesboro, and the cities of Brooklet, Register, and Portal. This multimodal study included analysis of existing and future conditions, development of a travel demand model, and testing of alternative future land use scenarios, as well as identification and prioritization of potential mid-term and long-term improvements to address community goals.

Butts, Jones, And Monroe Counties Multimodal Transportation Study, GA: Project manager for the development of a long-range transportation plan for three counties in Middle Georgia. The process included the identification of community goals and objectives, analysis of existing and future conditions through the development of a travel demand model, and the development of short- and long-term transportation improvement recommendations and prioritization. Key activities include stakeholder and public coordination and involvement throughout the plan development process.



MURRIAH DEKLE
DEPUTY PROJECT
MANAGER

Firm: WSP

Years of Experience: 21

Education: MPA, Public Administration, Florida Atlantic University, 2012; B.A., Geography, Florida Atlantic University, 2003; Geographic Information Systems Certificate; Environmental Studies Certificate

Career Overview

Murriah is a transportation planner with a background in zoning and land use. She has twenty years of experience working in local government planning and administration. Murriah works in WSP's Advisory Services, where she supports clients with planning needs and interdisciplinary coordination. She serves as project manager and planner to support public and private sector clients. Her specialty areas include transit planning and regulatory compliance, grant writing and public involvement.

PROJECT EXPERIENCE

Safe Streets For All Policy Action Plan, Broward County MPO:

Project lead responsible for the evaluation of existing conditions in Broward County related to Complete Streets, Vision Zero and Safe System Planning. Providing gap analysis with national best practices and developing policy recommendations to help fulfill Broward's vision for zero transportation fatalities.

City of Port St. Lucie Public Works Department, Regulatory

Division Traffic Impact Analysis Reviews, Port St. Lucie, FL: Serves as project manager to coordinate multidisciplinary team members with the city and WSP's Traffic Engineering team to provide traffic impact reviews for Developments of Regional Impact to determine compliance with the TIS Methodology and Procedures. This includes DRI amendments and Access Management analyses for travel demand plots.

City of Key West Department of Transportation, Key West,

FL: Served as project manager to develop the 2025-2034 Transit Development Plan Major Update for FDOT D6 approval. The plan included recommended goals, objectives, and policies, as well as prioritization projects organized by short-term (years 1-5) and long-term (years 6-10) recommendations based on a ten-year budget forecast.

Palm Tran General Planning Consultant, Palm Beach County, FL:

Provides support for various tasks including FTA Triennial Reviews, Title VI analysis for major service changes, incorporating guiding principles for transit planning and regulatory compliance.

Department of Transportation and Public Works, Transit

Development Plans Miami-Dade County, FL: Provides support for Major TDP updates and APRs, including the development of recommended goals, objectives, and policies for transit improvements.

Miami-Dade County Transportation Planning Organization General

Planning Consultant, Miami, FL: Provided support for various task orders including the 2050 LRTP Performance Measurement Goals, Objectives, Measures and Targets in 2024 and most recently, the development of the 2025 Multimodal On-Demand Feasibility Study to Expand First/Last Mile Networks for special events in Miami-Dade County.

Town of Walden and City of Etowah Corridor Planning Studies, TN:

Currently serves as project manager, collaborating with local municipality grant recipients to develop corridor studies. The studies provide analysis of existing and future conditions, recommendations with conceptual improvements and design, bid, build cost estimates to further prior planning studies with prioritization of projects and implementation funding options.

Broward County Transit General Planning Consultant, Broward

County, FL: Served as Project Manager for FY2023 Title VI Program Update to ensure Civil Rights compliance with federal regulations as defined by FTA guidance. Provided support for Scheduling and Peer Review Analysis and Fare Analysis to provide recommendations for BCT Administration team to determine opportunities for overall service planning improvements to meet the agency's goals.



UYEN DANG, PE

IDENTIFICATION,
ENGAGEMENT &
OUTREACH OF
STAKEHOLDERS

Firm: DDEC

Years of Experience: 18

Education: Civil Engineering,
University of South Florida
Tampa, Florida

Career Overview

Uyen Dang has experience in transportation, streetscape, and livable communities. She was the City Traffic Engineer for the City of West Palm Beach and oversaw all transportation elements including transformative projects such as the Clematis Street Streetscape project and the Reimagine of Rosemary Square. She led in the City's adoption of the City's multimodal transportation program including the WPB Bicycle Masterplan, Vision Zero program, smart parking technology and the micromobility program. Uyen supported a range of transportation planning efforts such as the WPB Mobility Study, Downtown Parking Study, the Okeechobee Corridor Study, and the proposed ITC Mobility Hub.

PROJECT EXPERIENCE

TRAFFIC, SAFETY, AND PLANNING STUDIES:

- WPB Safe Systems Rail Safety Planning
- WPB Transit Expansion - rideWPB
- Downtown WPB AV Pilot
- Broward County EVCI
- Jefferson Terminal District Safety Analysis
- CITT - TMA Plan
- NoRa TDM Plan
- IRC Bike Masterplan Update
- City of Tamarac Multimodal Transportation Plan
- South Cape Parking Study
- Downtown Jensen Mobility Improvements
- Saint Augustine Mobility and Curb Management Plan
- Quiet Zones Establishment and Affirmation
- RCE building BRIDGES Study
- ADA Transition Plan (City of West Palm Beach and Village of Wellington)
- Downtown Jensen Beach Safety Study
- 25th Street Lane Repurposing Project

ROADWAY DESIGN:

- West Palm Beach on the RISE Neighborhood Improvements
- Spruce and Pinewood ADA Improvements
- 25th Street Lane Repurposing
- Broadway Lane Repurposing
- 49th Street Complete Streets Implementation
- Okeechobee Median
- Conceptual Design
- Mercer Avenue Complete Streets
- Parker Avenue Complete Streets
- Lake Avenue Phase 1, 2 and 3
- Pine Terrace Drainage Improvements
- Executive Center Bike Lane
- Winter Haven Intersection Improvements
- Pine Terrace Drainage Improvements
- 7th Street Advisory Bike Lane South Olive Bike Lane
- North Shore Neighborhood Improvements
- Executive Center Drive Bike Lane
- Monceaux Road Bike Lane
- Roosevelt Estates Improvements
- Gregory Road Traffic Calming
- Forest Hill Blvd. Traffic Calming
- Washington Road Resurfacing Project



VICTOR DOVER, FAICP, LEED-AP PUBLIC INVOLVEMENT

Firm: Dover Kohl

Years of Experience: 41

Education: Master of Architecture in Suburb and Town Design, University of Miami, Coral Gables, Florida; Bachelor of Architecture, Virginia Polytechnic Institute, Blacksburg, Virginia

Career Overview

In 1987, Victor Dover co-founded the firm that became Dover, Kohl & Partners, and he serves as Principal-in-Charge. Victor has personally led over 140 charrettes worldwide. Mr. Dover lectures widely around the United States and internationally on the topics of livable communities and sustainable development. Mr. Dover was cited by Architecture magazine as being among "the country's best urban designers and architects." Victor is a Fellow of the American Institute of Certified Planners and the CNU. He served on the Core Committee setting sustainable urbanism certification standards for the Leadership in Energy and Environmental Design for Neighborhood Development rating system (LEED-ND).

EXPERIENCE

Service:

- President, Parks Foundation of Miami-Dade, (Board Member 2018 to 2022; President, 2021 to 2022)
- Tropical Audubon Society, Board Member, 2021 to present
- Board Member, National Recreation & Parks Association, 2018 to 2023
- Chair, Wheels Florida, 2014 to present
- Member, FDOT Multimodal Design Task Force, 2015
- Chair, Congress for the New Urbanism (CNU), 2010 to 2012
- Vice-Chair, Congress for the New Urbanism, 2008 to 2010
- Founding Chair, Florida Chapter, Congress for the New Urbanism, 2004-2006
- Charter Member, Congress for the New Urbanism (CNU), 1993 to present
- Emeritus & Founding Board Member, National Charrette Institute, 2001 to present
- Board Director and Co-Founder, Form-Based Codes Institute, 2004 to present
- Paul Harris Fellow, Rotary International, 1996
- Assistant District Governor, Rotary Club of South Miami, 1998-1999
- President, Rotary Club of South Miami, 1996-1997

Selected Lectures

- CIVIQ Lecture Series, Chattanooga, TN, 2019
- Ayala Planning Conference, Makati, Philippines, 2019
- CNU Florida / Tallahassee Chamber, Tallahassee, FL, 2019
- CNU National Conference, 2012 (W. Palm Beach), 2011 (Chicago), 2010 (ATL)
- APA National Conference, 2013 (Chicago), 2012 (Los Angeles), 2009 (Minn.)
- CNU Transportation Summit/Prowalk Probike, Long Beach, CA 2012



AMY LEE DIEL

PUBLIC INVOLVEMENT

Firm: Quest

Years of Experience: 23

Education: Master of Arts,
Criminal Justice Administration,
University of South Florida;
Bachelor of Arts, Criminal,
Justice, Saint Leo University

Career Overview

Amy is a seasoned and vetted communications professional with more than 23 years of experience working throughout the Southeast area, and the State of Florida with the media, government agencies, community groups, businesses, and elected officials. She has experience in organizing public meetings, excellent communication skills and has served as spokesperson and board member representing these public sector agencies providing media, public outreach, awareness and education products and services. Her expertise includes public involvement initiatives that engage citizens, interested stakeholders, policy makers, funders, and advocacy groups to enhance community outreach and development, education awareness initiatives, crisis communication, emergency management and project planning and management.

PROJECT EXPERIENCE

Palm Beach County, General Planning Consultant, Public Outreach, Palm Beach County, Florida, FL: Quest was responsible for public outreach and engagement for the Regional Fare Interoperability Study, overseeing meeting coordination, quality control, and data collection. The team gathered and analyzed reports to develop a draft count table of Park and Ride lots and designed a comprehensive map of these locations in Palm Beach County. Additionally, Quest created and distributed flyers and outreach materials across the county and conducted ridership field counts for the final report analysis. For the Okeechobee Boulevard Computer Visualization project, Quest was tasked with documenting key locations using photography, photogrammetry, and FAA-certified drone technology to develop a 2.5D computer visualization. This visualization demonstrated how the proposed transit service would operate at three designated locations along Okeechobee Boulevard. Ms. Diel served as the Project Principal, leading coordination efforts, overseeing preparation and quality assurance, and ensuring the successful submission of all deliverables.

Palm Tran 2022-2031 Transit Development Plan, Palm Beach County, FL: Amy supported the public outreach strategy for the study through various mechanisms, including contacting municipalities and other government agencies for stakeholder interviews. She was instrumental in coordination with key stakeholders informing them of the project and gathering support and attendance for the different meeting opportunities. She documented all outreach, including feedback from stakeholders. She supported with the overall report and overall goal for this Transit Development Plan, which helped provide opportunity for Palm Tran to assess and respond to the community's transit needs over the next 10 years.

Martin County MPO, 2050 Long Range Transportation Plan (LRTP), Public Involvement Services, Martin County, FL: Amy serves as the Project Manager consultant for the Martin County MPO project. She oversees the preparation, creation, QC/QA, and submission of the Public Involvement Plan and public involvement materials to be utilized throughout the development of the 2050 LRTP. Amy implements the Public Involvement Process and guiding principles while ensuring equity and environmental justice. Amy facilitates the planning and implementation, and evaluation of the public involvement activities, documentation, and website services, plus prepares, and facilitates final presentations. Martin County's LRTP aims to identify transportation needs and ensure Martin County can accommodate future growth, provide safe and efficient mobility for all users, and develop a strategic investment plan for enhancing all modes of transportation, including roadways, public transportation, shared rides, and bicycle and pedestrian facilities.



JOSHUA TURNER

RECOMMENDED
DESIGN/RESILIENCY
PRINCIPLES

Firm: WSP

Years of Experience: 17

Education: Master of Science,
Architecture & Urban Design,
Columbia University, New York,
NY

Bachelor of Architecture,
Architecture, University of
Kansas, Lawrence, KS

Career Overview

Joshua is a lead urban designer with WSP. As an architectural and planning professional, he has experience solving for complex, multi-scalar issues affecting our cities and regions. While he has held integral design and management roles for high-profile projects throughout the east coast, a focus of his work centers on transportation infrastructure and real estate development, specifically planning and design for transit-oriented development (TOD) and studying the feasibility of mixed-use developments from the perspective of zoning and urban design. Josh is also leading the TOD planning and design for the Jacksonville Transit Authority as they transition the Skyway monorail to a state-of-the-art system for autonomous vehicles, the U2C.

PROJECT EXPERIENCE

NYMTC Planning Services Agreement, New York, NY: WSP supported the NYMTC for the initial term of 18 months for the Conformity Analysis for Transportation Improvement Program and Regional Transportation Plan as per federal standards under the National Ambient Air Quality Standards. The NYMTC Best Practice Model 2010 update started running in 2017, and the WSP team is supporting and implementing any changes that need to be done.

New York State Route 59 Area Transportation and Land Use Study, New York, NY: Leading the effort to identify and evaluate existing transportation and development issues along the corridor and development of future transportation and land use scenarios for community input. WSP supported the NYMTC and the Town of Ramapo with an area transportation study for a 4.5-mile stretch of NY 59 in the heart of Rockland County, New York. This stretch of road experienced heavy congestion and pedestrian safety issues. The study identified and evaluated transportation and development issues along the corridor to develop future transportation and land use scenarios for community input. The final report included findings and recommended actions based on considerations of the alternative developments, especially as shaped by public outreach workshops.

Five Points Station Transformation, Atlanta, GA: Deputy project manager for the \$2m feasibility study. WSP is conducting a feasibility study to reposition Five Points Station as a modern, 21st century transportation hub for the quickly redeveloping Gulch area of downtown and the greater Atlanta region. WSP has assembled a multi-disciplinary team consisting of structural, architectural and operational expertise to study the dismantling of the original canopy structure, the reconnection of Broad Street, the planning for significant overbuild potential and creating an overall new vision for the entire station.

Miami-Dade County East-West SMART Corridor Master TOD Plan Development, Miami-Dade County, FL: Senior urban designer who is leading the effort to develop TOD station area plans for four stations along the 11-mile MetroRail extension from the Miami Intermodal Center from Florida International University. WSP is assisting the Miami-Dade County in the preparation of a master TOD plan for the East-West Corridor, one of six transit corridors included in the County's SMART plan. This corridor is prone to flooding. WSP has identified and recommended zoning and policy amendments to the Miami-Dade Comprehensive Development Master Plan that would attract transit-supportive uses and promote TOD along the corridor. The plan development process has involved referencing the zoning codes of the Miami-Dade County, the City of Doral, the City of Sweetwater, and the City of Miami and noting how they converge on the corridor. It has also required defining the opportunities and constraints to TOD.



KENNETH GARCIA,
AICP, CNU-A
PUBLIC INVOLVEMENT

Firm: Dover Kohl

Years of Experience: 17

Education: Master of Architecture, Andrews University, Berrien Springs, Michigan; Bachelor of Architecture, Andrews University, Berrien Springs, Michigan

Career Overview

Kenneth has been with Dover, Kohl & Partners since 2007 and has participated in over 75 design charrettes. He produces many of the firm's illustrations and renderings, using a combination of computer graphics and traditional watercolor techniques. He oversees the design efforts by staff in the Coral Gables studio, trains team members, and assists firm principals and project directors with assuring the best quality in the work at Dover, Kohl & Partners. He is CNU-Accredited by the Congress for the New Urbanism (CNU), and is a Certified Charrette Planner through the National Charrette Institute.

PROJECT EXPERIENCE

Downtown Oakland Specific Plan: Senior Town Planner: The Plan Downtown Oakland project is an interactive planning process for the creation of a Downtown Specific Plan. In October 2015, DK&P led a well attended 9-day charrette located in a storefront in the heart of downtown. Working with a group of equity specialists, the Plan was relaunched in 2017. Kenneth serves as town planner and illustrator for this project.

Capitol Corridor Plan Lansing, MI: Project Manager, Illustrator: The Capitol Corridor plan extends approximately 19 miles from the capitol building to the town of Webberville. Spanning 10 municipalities, the corridor transverses cities, towns and countryside. The resulting plan outlines a vision to guide future growth, change and preservation in the corridor; it also provides recommendations for municipalities and key stakeholders to carry these ideas to implementation.

Water Campus Master Plan Baton Rouge, LA: Project Manager: Working for the Baton Rouge Area Foundation, DK&P led the initial design of the 30 acre campus that will house The Water Institute of the Gulf. The campus is expected to grow into a major center for the science and research of river deltas. The Water Campus' walkable streets, public spaces and urban buildings will be a major step toward fostering a better connection between downtown Baton Rouge and Louisiana State University.

Clematis Street, West Palm Beach, FL: Illustrator: Clematis Street is West Palm Beach's Main Street, containing a diverse array of civic buildings, restaurants, apartments, hotels, shops, and bars. Dover, Kohl and Partners created a design for streetscape improvements that provided more street trees for shade and wider sidewalks. These wider sidewalks contain more space for seating, street furniture, and other amenities. The design for the new street is also completely curbside, creating the feel of a shared space. The plan for the new streetscape was created in close collaboration with the City of West Palm Beach, community businesses and stakeholders, as well as members of the broader community.



MICHAEL FLOOD, CP

RECOMMENDED
DESIGN/RESILIENCY
PRINCIPLES

Firm: WSP

Years of Experience: 17

Education: Masters in Urban
and Environmental Planning,
University of Virginia, 1993

B.A., Urban Planning,
University of Maryland, 1990

Career Overview

Mike is the National Resiliency Lead for WSP. In this role, he has led most of the national projects focused on determining the risks of extreme weather and climate change and the development of potential strategies for addressing those risks. The focus of Mike's recent work has been the development of methods, tools and strategies to help agencies make effective decisions in adaptation to climate change and extreme weather risks through development of prioritization processes. This has included recent work on developing benefit-cost assessments of resiliency projects, an assessment of impacts to infrastructure statewide and the conduct of training seminars on resiliency strategies and other similar efforts focused on helping agencies make effective decisions.

PROJECT EXPERIENCE

City of Tarpon Spring, VA, City of Tarpon Springs, FL, Vulnerability Assessment: Project manager on this project to implement the basic framework of determining community vulnerability as established by FDEP to provide the city with a plan of action for moving forward with an implementation/investment program to address long-term risks. On this project WSP combined the perspectives of FDEP and FEMA to create a scoring criterion that reflected consequences in a way that was more direct, and set the city up for integration into both state and federal resilience programs.

AAMPO Resilience Study: Project manager on this ongoing project undertaken to understand and define resilience concerns to regional roads and identify strategies and investments that can be implemented to facilitate improved resilience into the future. This work effort to date has included stakeholder coordination, future condition assessment, flooding analysis, facility risk assessments, consideration of equity concerns and the development of a public facing data portal which identifies area of concern. (2023-Ongoing)

Implementation of the Installation Climate Resilience Process for the 81st Readiness Division (RSC) Facilities, Puerto Rico, U.S.

Army Corps of Engineers (USACE): Mike is serving as technical advisor on this project being undertaken to determine climate risks at these facilities and identify an action plan to reduce or eliminate those risks. The effort is science and risk based, applying expertise to define climate change stressors, identify possible physical impacts and develop a lifecycle cost of risks to facilitate effective investments. (2023-ongoing)

Addressing Resilience in Highway Project Development and Preliminary Design, National Highway Institute:

Project manager on this effort to develop guidance for transportation agencies nationwide on how to include resilience to extreme weather and climate effects in project planning and design. This course is being generated to facilitate required changes toward addressing uncertainties, long-term risks, changing weather patterns and system impacts in corridor planning and design practice. This work includes close coordination with FHWA/FTA on implementation of recent guidance documents across multiple engineering disciplines. (2021-2023)

National Resilience Design Course (NHI): Addressing Resilience in Highway Project Development & Preliminary Design: Project manager on this effort to develop guidance for transportation agencies nationwide on how to include resilience to extreme weather and climate effects in project planning and design. This course is being generated to facilitate required changes toward addressing uncertainties, long-term risks, changing weather patterns and system impacts in corridor planning and design practice. This work includes close coordination with FHWA/FTA on implementation of recent guidance documents across multiple engineering disciplines. (2018-2021)

Transportation Engineering Approaches to Climate Resiliency (TEACR) Study:

Climate vulnerability oversight role on this project, responsible for oversight of project development, process development and application of benefit cost assessment methodologies.



JOEL GLADFELTER, PE

DATA COLLECTION
AND TRANSPORTATION
CAPACITY ANALYSIS

Firm: WSP

Years of Experience: 24

Education: BS, Civil
Engineering, Pennsylvania State
University, 2001

Career Overview

Joel specializes as a Professional Engineer (PE, Civil, Transportation Focus), accomplished Geographic Information Systems (GIS) Professional (GISP), and an EPA Asbestos Inspector and EPA Project Designer (both as accreditation under TSCA Title II). Joel is a spatial sciences GIS project manager and technical lead specializing in planning, design, and implementation of intelligent transportation systems (ITS) and geospatial services for asset management systems (AMS) and web-based content management systems in transportation master planning and engineering, construction, inspection, operations and maintenance. Joel has led multiple complex GIS architecture designs using the FHWA Systems Engineering "V" for systems lifecycle development with protocols and methodologies to solve complex problems, improve client resource efficiencies, and improve cost controls nationwide for local, county, regional, state, and federal government agencies.

PROJECT EXPERIENCE

Washington Metropolitan Area Transit Authority (WMATA), GIS Mapping and Design Package Generation for Repairing Chiller Water Pipe, Insulation, and Supports: DC, VA, MD (2021-2025 active): Project manager of a \$3.5M JV, GIS manager and geodatabase lead architect, QA/QC lead, and competent asbestos EPA accreditation providing engineering design and inspection services system-wide (32 Chilled Water Plants, 48 stations, 32 linear miles piping) including GIS mapping using 500+ Georeference As-Builts and design package generation for repairing chilled water pipe, insulations, and supports. Asbestos work active.

Ohio Department of Transportation (ODOT), Ohio Statewide ITS AMS, (2019-2022): GIS project manager for \$1.7M collection of all ODOT Statewide ITS assets using Enterprise GIS for all 12 Ohio Districts and 88 Counties, 21 asset classes, 40,000+ geolocated ITS assets, 2-million data attributes, 52,000+ geolocated photos, and QA/QC Machine Learning/AI tools built to detect objects within geolocated photos. The project began with spreadsheets and extended to field data collection/validation using Trimble R1 and iOS iPads using Collector Apps, Esri Dashboards, GIS web mapping, and Enterprise Server/GeoDB admin. Joel directly interfaced with multiple ODOT Stakeholders including ODOT Signal Operations and Office of Asset Inventory and Systems Integration. Joel managed WSP's GIS protocols to strengthen ODOT's design forward and O&M ready capabilities — to protect roadside surface and subsurface assets while bolstering future ready data analytics supporting capital programming asset lifecycle.

Maryland Department of Transportation State Highway Administration (MDOT SHA), I-495 & I-270 Maryland Public Private Partnership (P3), Maryland (2018-2023): Joel was the GEC's GIS Manager, Electronic Document Control System (EDMS) administrator, and part of the Technical Requirements program management team for the MDOT SHA I-495 & I-270 P3 Program. Joel administered systems for over 600 users, 40+ firms, and 30+ disciplines for the GEC Engineering & NEPA tasks. Joel led integration of GIS data and systems with the Project Control Suite (PCS as EDMS, developed by WSP) for secure dual authentication and visibility of GIS Dashboards leveraging Enterprise Geodatabases, web-based services from ArcGIS Server, and Enterprise Portal user credentialing and management. Part of program management team responsible for reviewing and conforming 30 performance specifications to accomplish P3 Program needs through RFQ, RFP, and Phase Developer selections.

Michigan Department of Transportation, Device Modernization Plan for ITS Systems, Statewide, Michigan (2020-2021): GIS project manager and ArcGIS Enterprise architect for Statewide ITS Asset field data collection and key asset project ranking system. Joel architected ArcGIS Enterprise schema and geodatabase design, data extract, transform, and load (ETL), QA/QC, and structural assessments. Joel managed the build of a custom R-Shiny interface and web app dashboard for structure assessments and stakeholder engagement.



CHARLES WARREN,
PHD, AICP
PRIORITIZATION

Firm: WSP

Years of Experience: 23

Education: PhD, City and Regional Planning, University of California, Berkeley, CA; MA, Urban Studies (Draper Interdisciplinary Program), New York University, New York, NY

Career Overview

Charles has experience in commercial real estate consulting, data analysis, and financial modeling, which he applies to Transit-Oriented Development (TOD) projects and planning across North America. Charles's Real Estate Economics and Finance Practice Group focuses on how the combination of markets, money, policy, transportation, and infrastructure comes together, shaping and producing urban form. The group advises on leveraging land value capture strategies to fund projects and assists transit agencies and municipalities in aligning zoning policy. His team's models enable overlapping jurisdictions (such as transit providers, municipalities, and state agencies) to work together, leveraging future increases in land value to animate new private-sector capital investment.

PROJECT EXPERIENCE

Grand Central District Real Estate Development Market Survey, St. Petersburg, FL: Task Lead: Developer Survey. The City of St Petersburg was seeking solutions to balance recent redevelopment focus on full-block apartment buildings with community desire to preserve the unique businesses and place identity of Central Avenue. Organized and completed twelve online meetings with local market participants, including outreach, scheduling, and follow-up. Identified and presented patterns across interviews, providing insights to City staff and officials on how developers would respond to changes in the City's project approval process, zoning code, and traffic/parking ordinances. Recommended policies for improvements to zoning code and entitlement process that would incentivize developers to build more of what the community wants to see built.

Jackson Street Reimagined Transportation Master Plan, Pensacola, FL: Lead Quantitative Analyst, Land Value and Redevelopment Potential. Performed market analysis to understand potential and pace for new development in western neighborhoods and suburbs. Identified sites that are ripe for redevelopment, based on current land use, commercial cycle, and vacancy. Modeled sea level change scenarios that would rapidly affect land values in high-elevation neighborhoods susceptible to gentrification and displacement. Complete Streets reimagining of West Jackson Street included understanding the real estate and economic development potential and identify counter-displacement policies.

West North Avenue Development Incentives and Housing Security Programs, Baltimore, MD: Task Lead: Market Sector and Niche Analysis and Forecast. Leveraging the new Reservoir Square development at the eastern end of the corridor, the Development Association was looking for ways to incentivize and encourage continued transformation of the corridor. Worked with local developers to understand how market conditions are encouraging or preventing renovation and adaptive reuse of historic townhomes and creation of new transit-oriented development in central Baltimore. Recommended strategic policies for promoting homeowner renovation, providing mortgage relief, and incentivizing commercial revitalization and transit-oriented mixed-use projects.

Baltimore County Eastern Access, Baltimore, MD: Task Lead: Quantitative Market Analysis for TOD Demand and Opportunities. Early considerations for potential eastern extension of Baltimore's Red Line includes understanding the redevelopment potential and context for the potential to transform neighborhoods and increase access to jobs. Manage team of 4 analysts to produce results within four weeks. Identify "soft site" locations that could support new transit-oriented development, such as vacant lots, parking areas, closed malls, and street-facing retail districts. Provide supporting market and demographic data to determine feasibility of redevelopment of car-oriented suburban shopping centers into pedestrian-oriented and transit-supported places and destinations. Made a case for considering extension of the Red Line eastward into Baltimore County.

Highway Removal Redevelopment Feasibility, North Coast Connector, Cleveland, OH: Lead Quantitative Analyst: Development Market Demand Model and QAQC Review. The Ohio Department of Transportation wanted to verify findings from the City of Cleveland regarding the network's capacity to handle rerouted traffic from a repurposed Shoreway.



BERNARD LEE
FINANCIAL ANALYSIS
Firm: WSP

Years of Experience: 19

Education: MA, Urban Planning, University of California, Los Angeles (UCLA); BSE, Industrial and Operations Engineering, University of Michigan

Career Overview

Bernard is a Senior Financial Analyst in Advisory & Planning under the Economics, Finance, & Grants team, which includes practices focusing on economic analysis, freight analysis, infrastructure funding and financing, real estate, and grants development, strategy and management. His work experience within urban planning and real estate has focused on financial, market, and planning analyses, often at the intersection of policy, economics, finance, and technology. During his career, he has worked for a variety of client types including municipalities, transit agencies, airports, universities, medical centers, and real estate owners/developers.

PROJECT EXPERIENCE

Palm Beach Government Council, Transportation Surtax Analysis, Palm Beach, FL: Served as reviewer of the review and analysis of local authorization of sales surtaxes for the purposes of transportation. The study included detailed review of peer agency surtax schemes in the region serving as a benchmark for a potential new transportation surtax in Palm Beach County.

North Jersey Transportation Planning Authority (NJTPA), Financial Element of the LRTP, Newark, NJ: Serving as project manager for development of the financial chapter of the LRTP covering the 2025 to 2050 period. The project is assessing North Jersey’s transportation infrastructure needs, including a comprehensive range of highway, public transit, freight, bicycle, pedestrian, and other multimodal improvement projects and programs. A key task is the development of a financial model that incorporates short, medium, and long-term estimates of expenditures and revenues for three potential revenue levels: baseline plan, limited, and aspirational. The analysis will assess the reasonably anticipated revenues available from federal, state, and other sources through 2050 to meet needs.

North Jersey Transportation Planning Authority (NJTPA), Regional Capital Investment Strategy Refinement and Strategy Effectiveness, Newark, NJ: Served as co-project manager to update the Regional Capital Investment Strategy (RCIS) targets to reflect the needs of the region and its desired performance outcomes. Key tasks included an assessment of the effectiveness of each strategy category based on performance measures, a refinement of categories and capital allocation target percentages, and development of a website application to share the RCIS with a larger audience.

Princeton University, Alexander Street Village, Princeton, NJ: Served as parking subject matter expert to assist in the sizing and operation of parking to serve a proposed mixed-use village with residential and commercial uses. The study included an analysis of shared parking options, Transportation Demand Management considerations, and guidance on potential operation of off-street and on-street parking.

Regional Transportation District (RTD), Facilities and Fleet Transition Plan, Denver, CO: Serving as co-task lead for the cost analysis and funding task of RTD’s Facilities and Fleet Transition Plan (FFTP). The FFTP project includes the development of RTD’s holistic low/no emission facilities and fleet transition plan which assesses RTD’s operations today, its future operations, and determines a path forward for how the agency can lower emissions in its facilities and fleet. The analysis utilizes RTD’s mid- and long-term financial plans to evaluate costs and identify potential funding sources for the transition.



LETA HUNTSINGER, PHD, PE

PRIORITIZATION OF
PROJECTS

Firm: WSP

Years of Experience: 37

Education: PhD, Civil Engineering, North Carolina State University; MS, Civil Engineering, North Carolina State University; North Carolina State University; BA, Physics, UNC-W

Career Overview

Leta is a transportation professional with extensive experience in multimodal transportation systems planning, systems analysis, and strategic leadership, including in the public and private sector. With a keen ability to analyze and communicate complex ideas and anticipate long-term outcomes, she excels in developing and executing effective strategies that drive success. Her skills enable her to clearly articulate ideas, engage diverse stakeholders, and foster collaboration across teams. She enjoys working at the intersection of data analytics, multimodal transportation planning and people/communities. As a technically oriented transportation planner and engineer, she is passionate about integrated transportation solutions that prioritize people and communities.

PROJECT EXPERIENCE

North Carolina Department of Transportation, Triangle Region

Alternative Network Analysis: Technical advisor providing guidance and recommendations on model capabilities, performance measures, and storytelling with data for the comprehensive analysis of an alternative transportation network for the Triangle West region.

North Carolina Department of Transportation, FAST 2.0:

Technical advisor for the Freeway, Arterial, Street and Tactical (FAST) 2.0 study providing guidance and recommendations on systems analysis and performance measures to evaluate project initiatives.

North Carolina Department of Transportation, Guidance for

Including CAVs in Travel Demand Models (ITRE): Principal Investigator responsible for leadership, project management and subject matter expertise on research investigating the consideration of Connected and Automated Vehicles (CAVs) in Travel Demand Models in support of transportation planning analysis and traffic forecasts across the state. Focus was on the use of strategic scenario planning to inform potential benefits of and impacts of a future with CAVs. In addition to providing insight into methods and key performance measures, this work produced guidelines for implementing the methods developed and evaluated.

Capital Area Metropolitan Planning Organization, Triangle Strategic

Tolling Study: Task Manager responsible for applying the Triangle Regional Model to support the development of a strategic tolling and managed lanes plan for the Triangle region. Work included the development of appropriate performance measures to evaluate future tolling decisions, and analysis on the impacts of the recommendations on the regional multi-modal transportation network. Work also included an assessment of tolling strategies on Environmental Justice communities.

North Carolina Department of Transportation, Investigation of

Environmental Measures for SPOT P8.0 (ITRE): Principal Investigator responsible for leadership and technical guidance on a project designed to investigate measures that could easily be deployed by the Strategic Prioritization Office of Transportation (SPOT) in the consideration of environmental measures to be included in the prioritization of highway mode projects for P8.0. The work focused on Greenhouse Gas (GHG), Criteria Pollutants (CPs), and Mobile Source Air Toxins (MSATs) in the evaluation and prioritization of highway mobility projects. The project recommended areas for process integration along with various measures that could be used in the scoring process.

Triangle Regional Model Executive Committee, Performance

Measures for Equity (ITRE): Spearheaded the development of standardized, evidence-based performance measures to support equitable outcomes. Identified measures use standard travel model output and generate measures for modal accessibility, job access by mode, non-motorized trip share, transit trip share, delay and congested VMT by identified communities of concern.

Triangle Regional Model Executive Committee, Performance

Measures for Improved VMT Analysis (ITRE): Spearheaded the development of new methods and procedures to summarize and map vehicle miles traveled resulting from various transportation scenarios evaluated using a travel demand model. Measures included regional, subarea and zone level evaluation metrics.



**EMILY RITZLER,
AICP**

PRIORITIZATION

Firm: WSP

Years of Experience: 20

Education: MS, Urban
Policy Studies, Georgia State
University

Career Overview

Emily is the planning and environment manager with WSP's Atlanta office. She is experienced in project management with a focus on transportation planning and environmental documentation, as well as in corridor studies, multimodal system planning, and project prioritization. Emily's responsibilities have included quality control; project scheduling; progress reporting; client presentations; feasibility studies; and detailed studies for state DOTs, transit agencies, and metropolitan planning organizations (MPOs). Additionally, Emily specializes in bringing together multidisciplinary teams, developing materials that are easy to understand by a variety of stakeholders. She also has developed innovative approaches for applying GIS applications to planning studies.

PROJECT EXPERIENCE

Comprehensive Transportation Plan Update, Jonesboro, GA:

Supported public outreach efforts and is providing quality assurance and quality control as part of this project involving the update to Clayton County's Comprehensive Transportation Plan. WSP was selected to provide professional services related to planning and implementation of the updated Comprehensive Transportation Plan. WSP assessed the county's transportation needs and drafted—then prioritized—project recommendations to address needs. WSP supported public open house outreach by hosting kiosks at community events and facilities, and also utilized the MetroQuest online survey to reach out to the wider public regarding goals for the study, vision for Clayton County, and their transportation needs.

Barrow County Comprehensive Transportation Plan, Barrow

County, GA: Senior transportation planner assigned for overall quality assurance and quality control for the project. The firm completed an update to the Barrow County CTP, which was used to identify and prioritize transportation projects in the county for the short and long term. Emily participated in community outreach activities and gathering input on options for new location roadways.

Douglas County Comprehensive Transportation Plan, Douglas

County, GA: Transportation planner who participated in all levels of technical analysis and plan completion, including alternative transportation recommendations, transit marketing concept, inventory of existing conditions, transportation needs assessment, project prioritization, bicycle and pedestrian facilities recommendations, and final documentation and GIS mapping. Douglas County has completed their first ever Comprehensive Transportation Plan to direct transportation investments over the next 25 years and to incorporate their priorities with the regional planning process. A major public involvement effort was conducted to achieve consensus on the 25-year recommendations.

Gainesville-Hall County MPO Long-Range Transportation Plan

Update, Gainesville, GA: Transportation planner who assisted in public involvement efforts for this transportation plan update. The Gainesville-Hall County MPO completed the 2030 update to their Long-Range Transportation Plan, which included a transportation needs analysis, development of focus areas, investment strategies, and proposed projects.

Henry County Comprehensive Transportation Plan, Barrow County,

GA: Project manager responsible for successful delivery of the plan scope. The firm completed an update to the Henry County CTP, which was used to identify and prioritize transportation projects in the county for the short and long term. This CTP update had a particular emphasis on transit expansion and will include a transit feasibility study to identify new transit options and determine the latent transit demand in the county. Another key element was an assessment of the sidewalk conditions and review of the transportation network for ADA compliance.

Paulding County Comprehensive Transportation Plan, Paulding

County, GA: Project manager responsible for the completion and delivery of the Existing Conditions Report, Needs Assessment, and Prioritization and Recommendations Report. The firm completed an update to the Paulding County CTP, which was used to identify and prioritize transportation projects in the county for the short and long term.



SCOTT OMER, PTP

DATA COLLECTION AND TRANSPORTATION CAPACITY ANALYSIS

Firm: WSP

Years of Experience: 30

Education: BS, Business
Management, University of
Phoenix

Career Overview

Scott has experience in transportation with a focus on project management, planning, project development, programming, transportation policy, agency operations, and leading diverse teams and programs on projects involving critical stakeholder engagement components. He has been personally involved in, and/or responsible for foundational planning projects, documents, and processes in Arizona, such as Building a Quality Arizona (bqAZ), Planning to Programming Link (P2P), Key Commerce Corridors, the 2026-2050 ADOT Long Range Transportation Plan (LRTP) Update, the 2015-2040 LRTP, the 2010 to 2035 LRTP, and the I-11 Intermountain West Corridor Study. Over the course of his career, he spent seven years as the deputy director/chief operating officer for ADOT and four years as the director of MPD.

PROJECT EXPERIENCE

ADOT 2050 Long Range Transportation Plan Update, Statewide: Project Manager for the update of the ADOT 25-year Long Range Transportation Plan (LRTP): The LRTP is a comprehensive planning document that includes the complete State Highway System (SHS), National Highway System, and all MPO and Regional Routes, and all modes of transportation. Conducted extensive outreach to include agency stakeholders, project partners, tribal communities, local agencies, land management agencies, environmental and conservation communities, and the public.

ADOT Key Commerce Corridors Update, Statewide: Project Manager for updating the Key Commerce Corridors Plan. This plan documented the methodology to change the ADOT thought process to include economic benefits for the State of Arizona in the planning process. Extensive public and stakeholder engagement required.

ADOT Geospatial On-Call, Statewide: Project Principal for the ADOT Multimodal Planning Division, Geospatial Planning On-call. The Geospatial On-call provides services for Geospatial Transportation Data Analysis, Transportation Data Visualization, Transportation Data Management, Transportation System Economics, and Transportation System Modeling.

ADOT P2P GIS Tool, Statewide: Technical Advisor for automating the P2P prioritization using GIS. Scott also served as the ADOT Project Director responsible for developing the P2P concept. The new approach included the methods and procedures required to identify a fiscally constrained list of projects that implement the LRTP goals and policies based on the results of an ongoing system-wide performance measurement program. Extensive stakeholder engagement required.

Building a Quality Arizona (bqAZ); Western Framework Study: Project Manager that led the Western Framework Study for bqAZ. Responsible for the effort to link land use, community development, economic patterns, and the long-term sustainable transportation needs. Conducted extensive outreach to include agency stakeholders, project partners, tribal communities, local agencies, land management agencies, environmental and conservation communities, and the public.



ROBERT GUTHART, AICP

DATA COLLECTION
AND TRANSPORTATION
CAPACITY ANALYSIS

Firm: WSP

Years of Experience: 10

Education: BS, University of
Florida; MS, Georgia Institute
of Technology

Career Overview

Robby environmental planner with experience in multimodal transportation planning, environmental compliance and planning, public involvement and stakeholder outreach, and international freight logistics. Robert is committed to assisting public agencies to solve complicated transportation and environmental challenges through the development and implementation of innovative approaches and solutions. Robert is developing comprehensive freight mobility plans for metropolitan planning organizations and departments of transportation.

PROJECT EXPERIENCE

Waller County Transportation Plan, Waller County, Texas: Robby served as a transportation planner to develop a comprehensive multimodal transportation plan for Waller County, Texas. Robby developed the county thoroughfare plan update, conducted public outreach, identified and evaluated transportation needs, and prepared technical writing for the final plan document. Client: Houston- Galveston Area Council.

Laredo Metropolitan Transportation Plan 2025-2050, Laredo, Texas: Robby serves the project manager for the Metropolitan Transportation Plan 2025-205 (MTP) for the Laredo and Webb County Area Metropolitan Planning Organization (LWCAMPO). The MTP establishes the long-term transportation policy agenda for the region by outlining regional transportation priorities and identifying transportation projects to meet regional transportation goals over the plan horizon, while remaining fiscally constrained. The MTP was developed to support and improve a balanced, multimodal, and sustainable transportation system that enhances livability in this growing area while supporting safe freight movements and border crossing activities. Client: Laredo and Webb County Metropolitan Planning Organization.

Staff Augmentation for the El Paso Metropolitan Planning Organization, El Paso, TX: Robby serves as a lead transportation planner for the El Paso Metropolitan Planning Organization (MPO). He is currently leading the development of the 2052 Metropolitan Transportation Plan, a federally required long-range transportation plan that programs multimodal transportation projects in alignment with regional needs and priorities. Robby is also leading the development of the Congestion Management Process (CMP), and plan that focuses on implementation of congestion relief strategies along a designated network of the most critical roadways to the El Paso region. Client: El Paso Metropolitan Planning Organization.

US 67 Corridor Master Plan, Brewster County, Pecos County, and Presidio County, TX: Robby served as a transportation planner to develop a corridor master plan for US 67. The US 67 Corridor Master Plan identifies current and future transportation needs along the US 67 corridor and recommends projects and strategies for short-, mid-, and long-term implementation to enhance system efficiency, safety, and mobility along the corridor. Robby led the development of a complete streets toolbox of a variety of bicycle and pedestrian improvements that can be implemented in the communities along the corridor. He also led the evaluation and prioritization process for alternative conceptual improvements proposed for the corridor. Client: Texas Department of Transportation El Paso District. Award-winning project.

JOHRTS Area Metropolitan Transportation Plan 2050, Beaumont, TX: Robby served as the lead planner for the update to the Metropolitan Transportation Plan (MTP) for the Jefferson, Orange, and Hardin Transportation Study (JOHRTS) Area. The MTP develops a vision for addressing the existing and expected travel needs of the multimodal transportation system serving the JOHRTS area through the year 2050. Robby led the multimodal data collection and analysis, public outreach, development of performance targets, identifying multimodal transportation needs and improvements, financial planning, compliance with FAST Act requirements, and writing of the final plan document. Client: South East Texas Regional Planning Commission.



SHAWN ZARGHAM
DATA COLLECTION
AND TRANSPORTATION
CAPACITY ANALYSIS

Firm: Google/Syntasa
Years of Experience: 30
Education: PhD, Cornell
University, Ithaca, New York

Career Overview

Shawn is the co-founder and CTO of Syntasta and is a long-standing leader in the technology space with deep expertise in big data, AI/ML, analytics, and cloud computing. He has experience in leading large teams of software development, product management, quality assurance, and customer service organizations across three continents. He has partnered with senior executives of many of the world's top brands and enterprises, such as Adidas, Sony, Samsung, Lenovo, and others, on behavioral data and digital transformation issues.

EXPERIENCE

Google/ Syntasa, McLean, VA: Co-Founder and CTO

- Leverages the latest cloud-based technologies, services, and best practices for data engineering, analytics, and data science to create actionable insights for department executives, program managers, local providers, and partners.
- Worked with Chief Data Officer, Chief Technology Innovation Officer, and other tech and departmental leaders in the State of California to support their COVID response with data-driven insights extracted from their vast digital data assets merged with mobility data, Google Trends (search data), and real-time Twitter feed.
- Led the implementation of the latest cloud-based technologies, services, and best practices for data engineering, analytics, and data science to create an integrated digital data platform empowered with analytics and AI apps to support numerous Public Sector and Private Sector use cases in California and worldwide.

Telarix, Vienna, VA: Co-Founder and CTO

- Successful entrepreneur – cofounded Telarix, the leading global telecom software products and SaaS solutions provider.
- Architected and led interconnect business optimization solutions for wireline, wireless, broadband, and VoIP service providers.



FRED FRANK, PMP
DEVELOP
RECOMMENDED GOALS,
OBJECTIVES AND
POLICIES

Firm: WSP
Years of Experience: 23
Education: MS, Planning,
University of Tennessee,
2001; BA, Urban and Regional
Planning, Buffalo State College
1999

Career Overview

Fred has 20 years of professional planning experience including employment with multiple metropolitan planning organizations, regional planning agencies, and consulting firms prior to joining WSP. He has extensive experience working with state and local transportation agencies, municipal governing bodies and boards, and private sector stakeholders to effectively plan for and manage community planning matters. He prides himself on delivering quality products and ensuring client satisfaction.

PROJECT EXPERIENCE

Augusta Regional Transportation Study (ARTS) Metropolitan Transportation Plan 2055 Update, Augusta, GA/ Aiken, SC: Fred is Project Manager for the update of the ARTS 2055 MTP, which includes community and stakeholder outreach, assessment of transportation and socioeconomic data, development of a prioritization tool with project identification and prioritization, and financial plan to continue to keep the MTP Federally-compliant and fiscally-constrained to meet the future needs of transportation in the region.

Rock Hill Fort Mill Area Transportation Study (RFATS) Metropolitan Transportation Plan Update, Rock Hill, SC: Fred is Task Lead for the update of the RFATS MTP, which includes community and stakeholder outreach, assessment of transportation and socioeconomic data, project identification and prioritization, and financial plan to continue to keep the MTP Federally-compliant and fiscally-constrained to meet the future needs of transportation in the region.

SCDOT Planning On-Call, Statewide: Fred is Project Manager for a Regional Mobility On-Call Agreement with SCDOT. As part of this on-call, he is currently leading two corridor studies.

- **U.S. 29 Corridor Study** - that looks to understand the future growth impacts of Anderson County on the operations of US 29 and recommend context appropriate and financial feasible roadway improvements to accommodate future growth, improve safety, and maintain efficient traffic flow. The corridor study will also recommend future land development patterns that will help support a multimodal transportation system.

- **U.S. 76/176 Corridor Study** – This study looks to understand the future growth impacts of on the operations of US 76/ 176 and recommend roadway improvements to accommodate future growth, improve safety, accommodate multimodal transportation, and maintain efficient traffic flow. A key feature is to identify innovative intersection improvements and Transportation System Management & Operations (TSMO) strategies to improve operations in a context-sensitive and cost-effective manner.

Columbia Area Transportation Study (COATS) Long Range Transportation Plan, Columbia, SC: Fred was Project Manager for development of the Long Range Transportation Plan 2045 Update and Congestion Management Plan. The Long Range Transportation Plan will address the future multi-modal transportation needs of the Central Midlands region., including a robust bicycle and pedestrian section.

Loudon County Multimodal Transportation and Thoroughfare Master Plan (MTTMP), Loudon, TN: Fred is Project Manager for development of the MTTMP in Loudon County, the first of its kind. The MTTMP sets forth a vision of future transportation in the City of Loudon, providing a proritized list of improvements. Once of the focus areas involves identifying improvements that enhance Downtown Loudon's character and mobility.



THOMAS RODRIGUES, AICP

ASSESSMENT OF EXISTING DATA SOURCES

Firm: WSP

Years of Experience: 14

Education: M.S., Urban and Regional Planning, Florida Atlantic University, 2011; B.A., English, Bowdoin College, 2007

Career Overview

Thomas is the South Florida Planning lead for WSP. Over the course of his career, he has developed a broad understanding of transportation challenges and opportunities through his work in both public and private sector capacities. At WSP, Thomas has worked on a variety of transportation and transit planning efforts for transit agencies and planning organizations. He has extensive experience in Transportation and Transit Planning, GIS, Grant Writing, and Public Outreach. Thomas leads Transit Development Plans, Transit Oriented Development master plans, and corridor studies for clients across Florida.

PROJECT EXPERIENCE

Safe Streets For All Rail Safety Action Plan, Broward County MPO:

Project manager responsible for the evaluation of existing conditions on Broward County railroads, conducting a hotspot analysis of injury and fatality incidents and recommending safety recommendations to help fulfill Broward's vision for zero transportation fatalities.

Polk County Freight Plan; Florida Department of Transportation

District 1: Task Lead: Responsible for preparing an economic profile of Polk County, Florida. Identified industries, number of employees, by freight and non-freight sectors to identify which industries are most important to the Polk County economy. Prepared charts, graphs and visualizations to illustrate the data.

DTPW 10AHEAD Transit Development Plan (TDP), Miami-Dade County Department of Transportation and Public Works (DTPW), Miami, FL:

Project Manager responsible for document writing, data collection and research, GIS mapping, system performance assessment, and the development of DTPW's TDP ten-year plan. Most recently led the effort to prepare DTPW's 2020-2029 TDP Major Update.

South Florida Regional Transportation Authority (SFRTA) Transit Development Plan (TDP) Major Update FY 2019 – 2028, Pompano Beach, FL:

Planning Lead. Conducted a comprehensive overview of the SFRTA's baseline conditions, situation appraisal, formulated new goals and objectives for the agency, developed a ten-year plan to help guide SFRTA's future capital projects. Completed peer and trend analyses to evaluate the agency's performance.

Miami-Dade County East-West Corridor Transit Oriented Development Master Plan, Miami, FL:

Project manager overseeing the development of TOD master plans for four station sites along an in-development rapid transit corridor.

Miami-Dade County Smart Transit Improvements Along Major

Thoroughfares and Existing Systems, Miami, FL: Project manager conducting an alternatives analysis of potential rapid transit corridors in Miami-Dade County. Major work included data collection, existing conditions analyses, ridership modelling, and the development of operating plans.

City of Miami I-395 Underdeck Open Space Planning and Design,

Miami, FL: Responsible for preparing the transportation and mobility components of the Underdeck space of I-395 in Downtown Miami.

Miami Trolley Routes Planning and Operations, City of Miami,

Miami, FL: Planner. Coordinated, managed and promoted the launch of each of the seven trolley routes. Implemented CAD/AVL systems, oversaw the development of the Miami Trolley smartphone App; social media liaison; project manager for studies of potential system expansion; maintained Miami Trolley website; developed System Safety Program Plan and Security Plans.

SR26/US70 Lebanon Bypass Corridor Study, Lebanon, TN:

Project Manager responsible for the delivery of a corridor study that is evaluating existing conditions and recommending improvements for a downtown bypass corridor in suburban Tennessee. Tasks include public outreach, survey instrument development, existing conditions analysis, and a road safety audit.



LYNDA KOMPELIEN- WESTIN, AICP RECOMMENDED GOALS, OBJECTIVES AND POLICIES

Firm: WSP

Years of Experience: 32

Education: M.S., Urban and Regional Planning; University of Wisconsin – Madison, Wisconsin; B.A., Economics; University of Minnesota – Duluth, Minnesota

Career Overview

Lynda is a leading transit/transportation planner with expertise managing multi-disciplinary project teams, multimodal transportation planning, transit-oriented development, and grant applications. She is the contract manager for the Miami-Dade Transportation Planning Organization General Planning Consulting Contract, leading the development of the goals, objectives, and measures for the 2050 Long Range Transportation Plan. She has managed many technical studies for Broward County Transit and Palm Tran. She has led nine multi-stakeholder Station Area and Corridor planning processes throughout South Florida.

PROJECT EXPERIENCE

Miami-Dade Transportation Planning Organization (TPO) 2022-current On-call Consulting Services, Miami-Dade County, FL:

- 2050 Long Range Plan Performance Section – Led the development of goals, objectives, performance measures and draft scenarios for the 2050 Long Range Transportation Plan (LRTP) to ensure that the transportation system meets the needs of the community now and during this process to track progress towards the achievement of goals and objectives as the plan and allowing tracking of plan progress as it moves forward toward implementation.
- Equity Tool Development – Led development of a ground-breaking, easy to use Equity Analysis Tool to study how 2050 LRTP scenarios affect selected demographics and equity metrics. WSP and the TPO first jointly identified demographic groups and equity metrics of interest. WSP then created the equity tool which post processed two 2045 LRTP scenario SERPM model runs to identify the impact by scenario on the selected demographic groups and equity metrics. The analysis results can be viewed in a dashboard for all of Miami-Dade and by Transportation Planning Area.
- Emerging Technologies Corridor Evaluation: This study refined the previous analysis of underground and/or overhead emerging technologies with a focus on viable transit options. Potentially suitable projects were evaluated in consultation with the project working group.

Miami-Dade County TPO 2019-2022 On-Call General Planning Consultant Services, Miami-Dade, FL:

- Emerging Tunneling Technologies Feasibility Study, Project Manager, Transportation Planner: Led study evaluating emerging underground and/or overhead grade separated technologies along corridors countywide that may provide viable transit options in Miami-Dade County.

Broward County Transit General Planning Consultancy Services, Broward County, FL:

- Safety and Security Support – Supporting safety risk assessment submission to the Federal Transit Administration in response to General Directive 24-1.
- Zero and Reduced Fare Study – Coordinated peer outreach and document development for a study evaluating the potential impacts of implementing zero or reduced fares on BCT and the community.
- Service Scheduling and Service Planning Analysis – Conducted peer interviews and analyzed the structure of peer and BCT service planning and service planning sections.
- Annual Report (Technical Advisor) – Provided high level guidance on the content and presentation/layout of the 2023 BCT annual report.

Transportation Master Plan, City of Miami Beach, FL:

- Led Implementation, focusing on feasibility studies and design of over 30 bicycle, pedestrian, and transit related projects. Responsible for scope development, project scheduling, internal and external stakeholder coordination, consultant management, and Commission adoption. Funding projects through grants, City GO Bond or other sources.



ROSELLA PICADO, PHD

PROJECTION OF
FUTURE GROWTH AND
TRANSPORTATION
DEMAND

Firm: WSP

Years of Experience: 27

Education: Ph.D.,
Transportation Engineering,
University of California,
Berkeley, 1999; M.Eng.,
Transportation Engineering,
University of California,
Berkeley, 1993; Lic., Civil
Engineering, University of
Costa Rica, 1989

Career Overview

Rosella has experience in project management and travel demand forecasting. She specializes in the development and application of activity-based travel demand models. She has led the conceptual and technical development of activity-based models for large metro areas (Los Angeles, San Francisco, Miami, Toronto, Atlanta) and their application to Regional Transportation Plans. Her current assignments include major updates to the model systems for Miami-Broward-Palm Beach region, Southern California, and San Francisco Bay Area. Rosella has extensive experience in forecasting demand for road pricing projects and for fixed-guideway transit projects.

PROJECT EXPERIENCE

MDTPO Southeast Florida Regional Planning Model (SERPM) V9, Miami, FL: Project manager. The goals of the project are to make the model readily available in time for the 2050 long range transportation plan updates; provide an analytic tool to assess existing, and emerging transportation policies and technologies. WSP implemented ActivitySim and PopulationSim in lieu of the CT-RAMP1 and PopSyn procedures used in prior SERPM versions. In addition, WSP created entirely new networks based on open-source data and open-source methods and overhauled the skimming and assignment steps to take advantage of these networks.

NW 27TH Avenue Premium Transit Corridor Project Development and Environmental (Pd&E) Study, Florida Department of Transportation District Six, Miami, FL: Task lead. WSP is conducting environmental studies for the implementation of the NW 27th Avenue Locally Preferred Alternative (LPA), which consists of an elevated extension of Metrorail. Rosella's role is to lead the travel demand forecasting activities, which will inform the traffic analysis and transit ridership assessments.

Flagler BRT Demonstration Project, Florida Department of Transportation, Miami, FL: Task lead. As part of the implementation of a high-capacity transit service on SR 968/Flagler Street/SW 1st Street, the Department conducted a lane repurposing analysis to inform the authorization of a BAT lanes demonstration between 27th Ave and 6th Ave. Rosella conducted a traffic diversion analysis using dynamic traffic assignment to estimate potential diversion to roads north and south of the proposed BAT lanes project.

SCAG 2024 RTP/SCS Model Development, Los Angeles, CA: Principal-in-Charge. This project updated the Southern California travel demand model in preparation for the 2024 Draft and Final Regional Transportation Plan/Sustainable Communities Strategy. The SCAG Model is a TransCAD application coupled with a state-of-the art Activity-Based Model (ABM). Model update tasks included parameter estimation and adding submodels to improve trip departure times and to account for the effect on travel of increasing trends such as working from home, online shopping and tele-medicine.

LACMTA Scenario Modeling For 2018 Long Range Transportation Plan Update, Los Angeles, CA: Technical Advisor. The LRTP is a 40-year transportation vision for Los Angeles County that identifies programs, revenues and costs to improve mobility, economy, air quality and sustainability. WSP was contracted to model six alternative strategic investments against the existing LRTP baseline: urban fill scenario, high transit frequency scenario, congestion pricing scenario, active transportation scenario, shared mobility scenario and state of good repair scenario. Rosella provided technical guidance with the simulation of the congestion pricing scenario, which comprised two strategies: a countywide network of Express Lanes, and cordon priced areas throughout the county.

SCAG 2020 Regional Transportation Plan Technical Support, Los Angeles, CA: Technical advisor. Connect SoCal, SCAG's 2020-2045 RTP, includes an ambitious set of projects to meet California's stringent requirements for GHG emission reductions. One of the transformative initiatives included in the RTP is cordon pricing, which complements a nearly doubling of the transit miles relative to 2016 levels, and other proposals to better manage peak period congestion (parking price management, telecommute incentives, etc.).



CARLOS ALBA, PE EXISTING ROADWAY CONDITIONS

Firm: WSP

Years of Experience: 23

Education: MS, Civil Engineering, University of Wisconsin-Milwaukee, 2004; BS, Civil Engineering, Pontificia Universidad Javeriana, Bogotá, Colombia, 2001

Career Overview

Carlos' technical experience includes Project Development and Environment Studies (PD&E), traffic operational analyses, microsimulation modeling, safety analyses, traffic impact studies, ITS/TSM&O, transit planning and operations, managed/tolled/express lanes planning and operations, and Geographic Information Systems (GIS). Some of his professional responsibilities include project management, marketing, business development, and production of studies and technical reports for a variety of infrastructure projects. He currently leads the traffic and ITS practice in the State of Florida.

PROJECT EXPERIENCE

District Transportation Systems Management and Operations

Contract, FDOT District 4, FL: Project manager responsible for improving the efficiency of the arterial management transportation network through performance monitoring, active arterial management, and integrating freeway management with arterial management strategies. Supervised floor managers, and operators at the Broward and Palm Beach Counties Traffic Management Centers.

Oakland Park Boulevard PD&E, Broward County Transit, FL: Lead traffic engineer responsible for the evaluation of alternatives, development of Synchro, and Vissim models, historical crash analysis, safety analysis of proposed alternatives and project traffic forecasting, which includes the calculation and evaluation of traffic diversion. This project follows the new guidance from FDOT Central Office for lane repurposing projects. Responsibilities included coordination with FDOT D4, and Florida's Turnpike Enterprise.

North Corridor PD&E, FDOT District 6, FL: Lead traffic engineer responsible for the evaluation of alternatives and the development of Synchro and Vissim models to analyze the Locally Preferred Alternative (LPA). Traffic analysis involve the evaluation of median openings closures to accommodate center piers in the median to support the structure of the elevated rail. Carlos is also responsible for evaluating access to the proposed Park and Ride locations. The PD&E is also performing a safety analysis of existing and future conditions. Responsibilities include coordination with Miami-Dade County and Florida's Turnpike Enterprise.

Miscellaneous Transportation and Traffic Engineering Support

Services, City of Miami, FL: Project manager responsible for providing services to the Department of Resilience & Public Works, Transit and Mobility Division, and any other City Agencies. Our team is responsible for completing independent traffic studies for new developments within the City of Miami and studies completed by others.

SR 710 CAV Freight Pilot Project, FDOT District 4, FL: Project principal and QAQC Manager for this stand-alone pilot project that will serve as a springboard to advance connected vehicle (CV) and automated vehicle (AV) traffic control and communications along the corridor. Project focuses on upgrading signal control and operations while implementing technology, such as: flashing yellow arrow left turn signals, leading pedestrian intervals, passive pedestrian and bicycle detection, and adaptive traffic control system.

US-1 Multimodal and Roadway Analysis, Miami-Dade TPO, FL:

Project manager responsible for developing an analysis along US-1 from the Dadeland South Metrorail Station just north of SW 95th Street to SW 344th Street/Palm Drive to provide recommendations to maximize future capacity for this corridor via multimodal and/or roadway improvements. Responsibilities included coordination with FDOT, Miami-Dade County, Florida's Turnpike Enterprise, and various municipalities along the corridor.

Systemwide Level of Service Analysis, Miami-Dade TPO, FL:

Project manager responsible for evaluating the performance, observed trends, and capacity of the existing transportation system network. The study evaluated the County's roadway, transit and non-motorized facilities to determine if they meet the current travel demands. Responsibilities included coordination with FDOT, Miami-Dade County, Florida's Turnpike Enterprise, and GMX.



**SHRIRAM
RAMARATNAM,
AVMP**
CORRIDOR AND
SUBAREA ANALYSIS

Firm: WSP

Years of Experience: 18

Education: MSC, Chemistry,
Birla Institute Of Technology;
MS, Civil Engineering,
University Of South Florida

Career Overview

Shriram has experience in consulting, operations, and project management. His technical expertise includes Corridor Studies, Multimodal Planning and Design, Transit PD&E Studies, Complete Streets, Bus Rapid Transit (BRT) Planning and Design, FHWA/FTA Grant Applications, Transit Signal Priority (TSP), Transit Operations, Regional Fare Interoperability, and Big Data. He has worked on several projects providing technical expertise to design and implement high quality transportation systems and policy solutions that make cities more livable, sustainable, and equitable. His recent projects include providing multimodal street improvements and premium transit service as a part of the Strategic Miami Area Rapid Transit (SMART) Plan, Broward County Premium Mobility Plan (PREMO) and Palm Beach County 561 Plan (Enhanced Transit Corridors).

PROJECT EXPERIENCE

Palm Tran Transit Signal Priority Implementation Minimum Technical Requirements (MTR), Palm Beach County, FL: The scope of study covers the development of a detailed framework for transit signal priority implementation (TSP), with integration of emergency vehicle preemption (EVP), in Palm Beach County. The scope also includes preparation of an updated Minimum Technical Requirements (MTR) document, including specific hardware and software upgrades and required system integration, and specific operating rules. This will also include more specific recommendations on a project delivery mechanism, with construction bidding requirements, with the culmination being the development of a RFP for TSP/EVP implementation.

Oakland Park Boulevard Bus Rapid Transit Corridor Study, Broward County, FL: The Oakland Park Boulevard BRT Corridor study seeks to implement a transit capital investment along the existing Oakland Park Boulevard transportation corridor. The project study limits are between SR A1A and Sawgrass Mills Mall via Oakland Park Boulevard. The project limits are approximately 15.4 miles in length which traverses through six (6) municipalities to include Fort Lauderdale, Oakland Park, Wilton Manors, Lauderdale Lakes, Lauderhill, and Sunrise. This project is in the planning and development phase. Shriram, as the Deputy Project Manager, is responsible for developing and coordinating engineering analysis, environmental, noise and vibration, existing traffic and transit conditions, travel demand model development and ridership estimation, alternatives analysis and evaluation, and selection of preferred alternative alignment.

Palm Tran Route Performance Maximization (RPM) 2.0 Study, Palm Beach County, FL: The RPM, completed in 2018, was a comprehensive restructuring of Palm Tran's fixed-route service and included the introduction of a flex-route system, Go Glades, which specifically services the western area of Palm Beach County. WSP provided cost and operational efficiency recommendations that benefitted both fixed-route and paratransit service. WSP also examined integrating Palm Tran's fixed-route services with short-distance transportation offerings like bicycle and scooter rental services that extend the reach of transit by providing first-and-last mile options to transit users as well as local short-distance travelers. The plan also examined integration with taxi operators, TNCs like Uber and Lyft, and micro-transit providers to provide-first-and-last mile and possible curb-to-curb or curb-to-hub services in areas adjacent to the fixed-route network that can be characterized with low development densities, poor access for transit vehicles or other challenges that make them difficult to serve efficiently with fixed route transit.

Palm Tran Transit Signal Priority Feasibility Study, Palm Beach County, FL: Palm Tran is studying the feasibility of implementing transit signal priority (TSP) across the system in Palm Beach County. The first phase of the study includes a peer review of TSP application sites, developing a methodology to identify and prioritize TSP intersection locations and priority corridors, and identifying high-level costs and benefits. The experience of other transit agencies and urban areas in the U.S. in defining and evaluating TSP implementation programs is also addressed. As a second phase of the TSP implementation study, a TSP architecture and Concept of Operations for TSP will be developed, as well as more specific recommendations on signal hardware and software and bus detection systems to activate TSP, with refined costs.



**CHRISTINE
FANCHI,
PE,PTP,RSP
DEVELOP
RECOMMENDED
DESIGN/RESILIENCY
PRINCIPLES**

Firm: WSP

Years of Experience: 25

Education: BSCE, Auburn
University

Career Overview

Christine has over 26 years of transportation planning and engineering experience working within the private and public sectors. Her passion and expertise involves complete streets and designing streets for the most vulnerable users utilizing Vision Zero principals. Christine is able to utilize her planning/technical experience alongside her excellent communication skills to leverage positive outcomes. Christine led the NACTO Designing Cities conference in 2013 and contributed to the NACTO Urban Street Design Guide. Before joining WSP, Christine most recently served as County Transportation Engineer for Escambia County, City Transportation Engineer for City of Fort Lauderdale, and City Transportation Planner for City of Avondale.

PROJECT EXPERIENCE

SR A1A Multimodal Implementation Study, FDOT District 4, Fort Lauderdale, FL: Project Manager to increase safety and access for multimodal operations within 28 miles of SRA1A along the Atlantic Ocean. Tourism, evacuation, and storm erosion all add to the challenge of this narrow right-of-way providing access to local beaches. Crash safety analysis, multimodal level of stress analysis, stakeholder interviews, and field visits identify issues for design team to evaluate improvements such as narrower lanes, pedestrian refuges with signalized crosswalk, wider/shaded sidewalks, green infrastructure, traffic calming, protected bike lanes, and intersection improvements. Worked directly with local agency stakeholders to deliver a progressive plan to create a multimodal A1A where pedestrian safety is priority while concepts vetted for feasibility and programming.

Broward SS4A Regional Safety Action Plan, Broward MPO/Broward County, FL: Project Manager leading the Broward Safety Action Plan to create a data-driven action-oriented plan to reduce severe injuries and traffic fatalities to zero for Broward County. The plan includes over 40 deliverables including safety and equity analysis, nine focused safety action plans, prioritized project list, safety countermeasures toolbox, safer streets policy recommendations, conceptual corridor designs/cost estimates, quick-build design plans, safe streets design manual, and 1,000 Little Things Safety Program. Additionally, the team will be developing a safe streets website, educational/awareness campaign, public meetings and workshops, and targeted educational events. Multiple practitioner training sessions executed to deliver and share the tools of creating safer streets to the practitioners in Broward County designed and planning our streets so that together we can achieve zero fatalities and serious injuries in Broward.

SR 426 Safety Coalition and Concept Plan Development, SR 426, Park Avenue to N. Lakemont Avenue, FDOT D4, Winter Park, FL: Deputy Project Manager/Lead Concept Designer. The multi-discipline WSP team delivered a safety improvement project, in collaboration with the City of Winter Park, as part of the implementation of a 3R (Resurfacing, Restoration & Rehabilitation) project through a new process called a "coalition." SR 426 major stakeholders gather numerous times during the conceptual design phase to understand historical issues while tackling mobility and safety concerns. The WSP team includes planning, bike/pedestrian planning, traffic analysis and modeling, roadway design, drainage design, signalization design, structural design, in addition to graphics and public outreach. Final preferred alternative included nearly 30 safety countermeasures designed to a 30% plan, cost estimate, maintenance agreement, and design variances.

SR 968 Flagler Street Demonstration Project for Dedicated BAT (Business and Transit Only) Lanes FDOT D6, Miami, FL: Deputy Project Manager- Pilot project to final design the repurposing of the outside lane from vehicular traffic to a dedicated BAT lane and measure the before/after effects of safety, mobility, and transit ridership. The project includes detailed traffic simulation model to understand travel times and traffic diversion, environmental analysis, public engagement and outreach, and final engineering design plans for implementation. Final submittal included lane repurposing study, final design plans, engineering variances, and final traffic engineering report.



**MD SAKOAT
HOSSAN, PE, PTOE,
RSP, PMP**

QUALITY AND LEVEL OF
SERVICE STANDARDS
AND PERFORMANCE
MEASURES

Firm: WSP

Years of Experience: 13

Education: BS, Civil
Engineering, Bangladesh
University of Engineering and
Technology, 2009; MSc, Civil,
Florida International University
(FIU), 2015; PhD, Civil, Florida
International University, 2016

Career Overview

MD Sakoat Hossan is a Professional Engineer (PE), Professional Traffic Operations Engineer (PTOE), Road Safety Professional (RSP) and Project Management Professional (PMP). He has extensive experience in a wide range of PD&E projects including arterial road, freeways, interchanges, and transit. Sakoat is currently serving as a standing committee member of the Transportation Research Board (TRB) Managed Lanes Committee (ACP35). He is also serving as the secretary of the Central-Northeast Florida Section of ITE (CNFLITE).

PROJECT EXPERIENCE

Oakland Park Blvd BRT Corridor Study, Broward County/ FDOT District 4, FL: Sakoat is leading the traffic operational (e.g., Capacity, LOS) and safety analysis efforts for different project alternatives of the Oakland Park Blvd BRT Corridor Study.

North Corridor Rapid Transit Corridor PD&E Study, FDOT District 6, FL: Sakoat is leading the traffic operational (e.g., Capacity, LOS) and safety analysis efforts for different project alternatives of the North Corridor PD&E Study.

Flagler Street Smart Demonstration Project, FDOT District 6, FL: Sakoat is leading the effort to conduct traffic operational (e.g., Capacity, LOS) and safety analysis for the Flagler Street SMART Demonstration Project in Miami-Dade County, FL.

SS4A, Broward MPO, FL: Sakoat is one of the leads for the Broward Safety Action Plan (BSAP). He is leading Neighborhood Safety Action Plan, which is one of the nine action plans of BSAP. The goal of the Neighborhood Safety Action Plan is to achieve zero fatalities in Broward County through the implementation of safety measures on local streets in every neighborhood. In addition, Sakoat is supporting traffic analysis (e.g., Capacity, LOS) for the selected priority roadway corridors.

SR 405 Corridor Study, FDOT District 5, FL: Sakoat is leading traffic operational (e.g., Capacity, LOS) and safety analysis for the SR 405 Corridor Study. The study will assess the need for capacity and multi-modal improvements due to the growing population and travel demand in the vicinity of the corridor.

SR 426 Coalition, FDOT District 5, FL: Sakoat is leading traffic operational (e.g., Capacity, LOS) and safety analysis for the SR 426 coalition project. The project aims to improve overall safety of the corridor by implementing speed management strategies. By analyzing historical crashes and traffic operational impacts, Sakoat recommends a set of roadways, traffic operational and safety related improvements along the corridor.

I-4 Sand Lake Rd Design Build, FDOT District 5, FL: Sakoat led the traffic operational (e.g., Capacity, LOS) analysis effort to develop alternative technical concept (ATC) as it relates to Diverging Diamond Interchange (DDI) to help win the Design Build project. In addition, Sakoat supports safety analysis for the roadways.

I-75 Fruitville Rd Design Build, FDOT District 1, FL: Sakoat led the traffic operational (e.g., Capacity, LOS) analysis effort to develop alternative technical concept (ATC) as it relates to Diverging Diamond Interchange (DDI).

Las Olas Blvd Design Services, City of Fort Lauderdale, FL: Sakoat is leading traffic operational (e.g., Capacity, LOS) analysis for the Las Olas Blvd corridor phase 1 segment from South Andrews Avenue to Southeast 17th Avenue.

Jackson Street Master Plan, Escambia County, FL: Sakoat led traffic operational (e.g., Capacity, LOS) analysis and safety analysis to develop an implementable master plan for the Jackson St corridor in Escambia County.

3.3.3 Our Project Manager, Claudia Bilotto, AICP and Deputy Project Manager, Murriah Dekle will be responsible for handling and monitoring this Contract.

3.3.4 Similar projects are shown for all staff members on their respective resumes found in section 3.3.2

3.3.5 The WSP team possesses a wealth of knowledge about local regulatory agencies and laws that are applicable to the development of a comprehensive transportation network, and this deep expertise extends to the intricacies of transportation infrastructure funding.

The Florida Team: Uyen Dang previously has served as the City of West Palm Beach the traffic engineer, where she oversaw the adoption of the West Palm Beach Multimodal Transportation Program. WSP's Sandy Amores, the contract manager for the PalmTran General Planning consultant contract, requires a strong working familiarity with the rules and regulations for transportation work in Palm Beach County and Florida. Other team members work with FTA to obtain federal funding for transportation projects, while others are knowledgeable with FDOT District 4 and Central Office funding and project development processes.

3.3.6 WSP has extensive local knowledge, and an office in Palm Beach County. WSP has added to its local knowledge by adding Palm Beach County firms to our team. The Green Group and GOAL associates are DBE certified by Palm Beach County. The Green Group will be developing the project websites. GOAL Associates will be leading the project's traffic analysis under guidance of WSP experts. Uyen Dang, Principal of DDED, has worked extensively to advance mobility options in Palm Beach County, and will serve as a strategic project advisor. Quest USA is part of the WSP Palm Tran team, and has extensive Palm Beach County based outreach experience and is familiar with the issues, facility locations, and social media presence within Palm Beach County. Through its Seven50 experience, South Florida based Dover Kohl is also familiar with Palm Beach County potential for growth and the challenges to its transportation system that come with it. Together, this team is committed to developing the future transportation system that melds Palm Beach County's needs and future vision.

3.5 COMMERCIAL NON-DISCRIMINATION

WSP has no instances and agrees to comply with the County's Commercial Non-Discrimination Policy.