



KEVIN ST. JACQUES, PE, PTOE

Wilbur Smith Associates | Associate-In-Charge

EDUCATION

Virginia Polytechnic Institute & State University
Bachelor of Science in Civil Engineering, 1981

PROFESSIONAL REGISTRATIONS

Professional Engineer - Texas, #69700; Professional Traffic Operations Engineer

MEMBERSHIPS

Institute of Transportation Engineers, Transit Council & Pedestrian Bicycle Council Vice President, TexITE Dallas Section

American Society of Civil Engineers, T&DI, Transportation Operations Committee

*Transportation Research Board, Highway Capacity & Quality of Service Committee
Bus Transit Systems Committee
Transit Capacity & Quality of Service Committee*

University of Texas at Arlington, Civil Engineering Advisory Committee

Mr. St. Jacques is a Principal Engineer with over fifteen years of transportation engineering and construction experience. His technical expertise includes transit operations, traffic engineering, roadway design and construction, and transportation facilities planning. He is proficient with several traffic engineering software programs including TRANSYT-7F, SYNCHRO, CORSIM, VISSIM, PASSER, and HCS.

RELEVANT EXPERIENCE

Mesquite Downtown Enhancement Plan *Mesquite, Texas*

City of Mesquite's downtown area plan for revitalization. As project engineer, Kevin studied the existing land uses and the effects that the local roadway operations and parking provisions had on potential development and redevelopment in the downtown area.

Galveston CBD Traffic, Transit, and Parking Study *Galveston, Texas*

Kevin served as Deputy Project Manager, and evaluated parking demand and supply; administered parking inventory, turnover and accumulation counts, license plate survey and user surveys and evaluated street network and intersection geometrics.

Waco One-Way Couplets Study *Waco, Texas*

Prepared a detailed evaluation and ranking schema for seven one way couplets serving central and downtown Waco. The team considered social and economic impacts as well as impacts to vehicular access and circulation and traffic flow.

San Antonio River Road/Brackenridge Park Traffic Access and Circulation Study *San Antonio, Texas*

Conducted analysis of traffic access and circulation and parking patterns and impacts of special events in and around regional park. Prepared short-term and long-term implementation program and coordinated freeway modification concepts with TxDOT.

University of Texas Medical Branch Traffic Access, Circulation & Parking Study *Galveston, Texas*

Conducted a parking inventory for the campus; conducted traffic access, egress,

and circulation study; conducted visitor attributes interviews at several locations; assisted Project Manager with data analysis and recommendations development.

Farmington Comprehensive Plan *Farmington, New Mexico*

As Project Engineer, Kevin helped develop the Thoroughfare Plan, Bicycle/ Pedestrian Plan and Downtown Access and Circulation Plan elements. For Downtown Plan, recommended reconfiguration of primary east-west thoroughfare couplet from one-way pair to imbalanced flow pair of two-way streets, with angled parking on lesser direction to enhance the retail atmosphere of the interior blocks.

VIA Downtown Central Station Concepts Study *San Antonio, Texas*

Kevin served as Project Manager, establishing needs, optimal locations and functions and a preliminary design for a focused bus passenger transfer facility or facilities to serve downtown San Antonio. He assessed the potential for transit center joint uses and/or joint development from an operational and economic perspective.

Downtown Street and Parking Operations City Traffic Engineering On-call *Corpus Christi, Texas*

Investigated operational concepts and parking configurations in Lower Downtown to enhance the connectivity of the Entertainment District to the Downtown Arena, Convention Center and Museum complex.