



Professional Engineer specializing in Civil Engineering, Construction, and Architecture

As an accomplished executive with over 30 years demonstrated history of success in a wide variety of performance oriented executive positions. Extensive experience with Department of Transportation and the Federal Government. Has been responsible for managing infrastructure projects with an annual budget of over \$1.3 billion. His work experience has allowed him a broad base of demonstrated transferable skills, with a proven track record in each discipline, and a passion for responsibility and accountability. Recognized problem-solver with a solid background in economic development/revitalization, planning/zoning, logistics, maintenance, and operational management.

EDUCATION & LICENSURE

Master's of Business Administration | Centenary College
Bachelor of Science | Civil Engineering | University of Texas
Professional Engineer | LA, TX, NY, DC, NJ, IN, MI

AREAS OF EXPERTISE

Utility Coordination & Management | **Structural Analysis** | **Highway & Bridge Design**
Cost Estimating | **Constructability Reviews** | **Value Engineering** | **Project Management**
Scheduling | **Feasibility Studies** | **Life Cycle Analysis** | **Construction Management**

SELECT PROFESSIONAL EXPERIENCE

Cape Construction, LLC Baton Rouge, LA Engineer & Cost Estimator	2019 to Present
City of Rochester Rochester, NY Manager of Special Projects	2014 to 2016
Wester Region Municipality Madinat Zayed, UAE Infrastructure Divison Manager	2008 to 2012
Smith Research Corporation New Orleans, LA Director of FEMA Projects	2007 to 2008
Caddo Parish Commission Shreveport, LA Director of Public Works	1996 to 2004
LA DODT Baton Rouge, LA District Engineer (Northern Division)	1988 to 1996

NOTED PROJECTS

City of Rochester Inner Loop Transformation & Restoration

Performed a 2.8-mile corridor study for the City and NYSDOT to assess deficiencies of an aging, 50-year roadway and reconnect southeast neighborhoods to downtown Rochester. This phase of the project included traffic capacity/congestion and an assessment of road safety conditions. This effort included the identification of substandard geometric features, deficiencies of pavement, drainage, signage, guiderails, and lighting; redesign of radii of curvatures, removal of sight obstructions such as trees, replacement and relocation of signs, improvement of lighting, reconstruction or resurfacing to correct poor pavement conditions such as potholes and rutting. The study report included collision diagrams, crash rate computations, remediation measures, design alternatives, and MP&T schemes during construction.

LA DODT I-49 from Straight Vincent Avenue to Kings Highway

Conducted a road/highway safety study to improve the prevailing crash conditions on the highway segment/service roads. Identified substandard features, geometric & drainage deficiencies. Collected crash data from the County and DOT, prepared collision diagrams for main line, service roads as well as ramps and adjacent streets. He compared existing crash rates with forecasted ones upon implementation of identified remediation measures listed in assessment report (reduction of speed limit, new signs, new VMS structure and display, new cameras, resurfacing and striping).

City of Shreveport Stoner Avenue

Conducted a traffic engineering and safety in order to alleviate the severe crash conditions within Stoner Avenue. This effort included collection of crash data, preparation of collision diagrams and identification of solutions such as traffic calming schemes, installation of cameras, sensors, and correction of substandard features, resurfacing/striping and relocation/installation of signs as well as sections of guiderail.

NYSDOT FDR-Harlem River Drives - Corridor Study

Performed the 13-mile corridor study to assess deficiencies of roadway, vehicular & pedestrian structures and to implement rehabilitation or replacement strategies. Identified substandard features, geometric & drainage deficiencies, congestion and crash problems areas. He prepared numerous conceptual alternatives as remediation to existing problems and conducted the design and rehabilitation of 15 bridges, addition of highway lanes, new pavement and drainage network. Evaluated alternatives to improve the safety conditions, drainage, signs and lighting.

Western Region Municipality Abu Dhabi Infrastructure Projects

Oversaw the planning, design and delivery of 20 road and infrastructure projects. All of the projects necessitated data collection, traffic analyses as well as crash studies. As part of the safety strategies, replaced 12 signalized intersections with traffic circles, redesigned speed tables, redesigned some geometric features to ensure better sight distances, redesigned numerous ramps to avoid vehicle overturning and implemented a series of traffic calming strategies. I developed and implemented a Road Safety Strategic Plan which was based on NYSDOT Strategic Safety Plan.

PROFESSIONAL AFFILIATIONS

National Society of Professional Engineers

American Society of Civil Engineers

Louisiana Engineering Society

National Society of Black Engineers

National Association of County

www.capeconstructionla.com

733 East Airport Drive, Suite 105 | Baton Rouge, LA 70806