



Capabilities Statement

Since 1984, Design Engineering, Inc. (DEI) has provided engineering services as a small business for hurricane, flood protection, roads and bridges, marine designs and economic analysis. Members of our firm have experience that extends beyond the firm's experience and into the 1970's.

CORE COMPETENCIES

- Complex Bridge Design
- Historic Structure Rehabilitation
- Flood Protection
- Port/Marina/Wharf Engineering
- Drainage/Water/Wastewater Systems

DIFFERENTIATORS

- Small company flexibility with large company experience
- Turn key project services from planning & economics to construction

KEY CLIENTS

Port of New Orleans, New Orleans Sewerage & Water Board, Jefferson Parish, City of New Orleans, the SLFPA-E, etc.

PAST PERFORMANCE

Lakefront Seawall Erosion Control- Orleans Levee District

DEI is responsible for design and construction administration and inspection services for this coastal erosion/frontal protection project in New Orleans. This project consists of 5 miles of concrete paving in the wave and splash zone along the south shore of Lake Pontchartrain. The project was designed to stabilize the seawall, control erosion, improve drainage, and create a pedestrian walk between the seawall and Lakeshore Drive. **This design is the only solution that withstood Hurricane Katrina along the entire lakeshore.**

MacArthur Drive Interchange- LADOTD

DEI was the prime consultant for this \$85.2 million project. Our firm designed a complex interchange that addresses the regional needs of parishes on the Westbank of the Mississippi River in Jefferson Parish. DEI was responsible for the feasibility study, preliminary and final

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Company Snapshot

Established: 1984
CAGE: 0HU34
Woman-Owned Small Business

Pertinent Codes

NAICS:
541330 - Engineering Services

UNSPSC:
81100000- Professional Engineering Services

Contact

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PAST PERFORMANCE CONTINUED

design and construction services, including a study of several alternatives. DEI received the highest grade possible from the DOTD project manager for these services.

Hurricane Katrina Related 404 Hazard Mitigation Grant Program Replacement of Existing Sewerage Pumping Stations-Sewerage & Water Board

Sewerage and Water Board of New Orleans contracted with DEI to provide professional engineering services to complete this \$9 million HMGP project. The new sewerage pump station buildings are intended to be simply designed and durable. The above ground buildings protect pump equipment, electrical and electronic equipment, piping, and valves; while providing safe maintenance access.

Planters Pumping Station- USACE

This USACE \$26 million project involved the extension of 9 steel drainage discharge pipes, installation of discharge valves and associated electrical and mechanical work, construction of a concrete flood T-Wall within the existing discharge basin, concrete scour protection at the earthen levee tie-ins and a concrete dolphin protection system.

BIOS



Jim Martin, Ph.D., P.E.
President

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Dr. Martin has been practicing engineering since 2000 and is licensed and has provided services in multiple states. He is the President and Principal in Charge of the DEI Team and is a court-recognized expert in Hydraulics, Hydrology, Sewerage, and Water. He has served as the

President of the New Orleans ASCE and ACEC Chapters and Chairman of the Jefferson Business Council. He has also been a JEDCO and GNO Inc. Board Member.



Beau Baudier
General Counsel

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Mr. Baudier officially serves as General Counsel to Design Engineering, Inc. and is also involved in strategic planning, quality assurance, and construction. He manages contracts; subcontracts and subcontractors; insurance; and corporate risk. Mr. Baudier is an expert in

financial analysis, permitting, real estate development, construction, software development, and historic tax credits. Mr. Baudier has won several awards for Excellence in Construction and Real Estate as well as Excellence in Historic Preservation.

Visit Our Website for more Information:

www.dei-engr.com

