

## Steven M. Fall, P.E.

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### Education:

1989 University of New Orleans, Graduate School, Master of Science Degree in Engineering.  
1984 University of New Orleans, College of Engineering, Bachelor of Science Degree in Civil Engineering.  
1978 DeLaSalle High School, New Orleans, La.

### Employment History:

2006-Present Manager, Fall Company LLC, Civil / Consulting Engineering  
2013-2014 Senior Design Engineer, Keystone Engineering Inc., Metairie La.  
2011-2013 Resource Manager, Keystone Engineering Inc., Metairie La.  
2006-2011 Senior Project Engineer, N-Y Associates Inc., Metairie La.  
2001-2006 Director of Engineering, Lake Pontchartrain Causeway Bridge and Approach System, GNOEC  
2000-2001 Director of Public Works and Wastewater, St. Charles Parish, La.  
1998-2000 Director of Engineering, City of Slidell, La.  
1989-1998 Adjunct Professor of Civil Engineering, University of New Orleans, La.  
1989-1998 Project Manager, Boh Bros. Construction Co., LLC, New Orleans, La.  
1988-1989 Staff Engineer, Roussel Engineering, Kenner, La.  
1986-1988 Staff Engineer, Petro-Marine Engineering, New Orleans, La.  
1985-1986 Staff Engineer, Pittsburgh Testing Laboratories, Jefferson, La.  
1984-1985 Staff Engineer, Petro-Marine Engineering, New Orleans, La.  
1984-1984 Design Engineer, Sanders and Associates Covington, La.  
1979-1981 Assistant Layout Engineer, Boh Bros. Construction Co., New Orleans, La.  
Firms provided Consulting Services 2014 to Present: EDG, All South Consulting Engineers, Digital Engineering, PEC, NY Associates

### Licenses and Affiliations:

Registered Professional Engineer in Louisiana, and Mississippi.  
Committee Chairman American Society of Civil Engineers Structural Engineering Institute, New Orleans (2014).  
Associate Member of the American Society of Civil Engineers.  
Local Chapter Participation - American Society of Civil Engineers Structural Engineering Institute, American Concrete Institute, Society of American Military Engineers, and American Public Works Association.

### Experience:

Over 30 Years of Experience in Civil and Structural Engineering, Design Management, Construction Project Management, Flood Plain Management, Code Enforcement, Public Works Service, and Teaching Engineering.

**Civil / Structural Design:** Performed Civil and Structural Engineering for Various Projects including Structural Steel, Concrete, and Pile Foundation Design. Performed Pre-Stressed and Partial Pre-Stressed Girder, Concrete Bridge Deck, Concrete Bridge Pier and Pile Cap Design. Performed Precast Bridge Design. Performed Testing and Analysis of Construction Materials in Accordance with ASTM, AASHTO, and LADOT Requirements for Various Projects. Performed Hydrologic, Surface Runoff, Open Channel Flow, Pump Station Design, Storage Analysis, Culvert, and Pipe Analysis. Performed the Duties of Floodplain Manager for the City of Slidell.

**Offshore Design:** Performed Structural Modeling of Offshore Multi-Piled Template Platforms for Various Water Depths including Punching Shear, and Fatigue Analysis, Pile Drivability Analysis, Economic, and Cost Analyses. Performed Structural Design of Equipment Skids, Drill Decks, Bulk and Liquid Storage Units, and Heliports. Performed Crane FEED Analysis. Performed Lift and Load out Support Analysis. Performed Pipe System Stress Analysis.

**Project Management:** Managed the Associated Fiscal Year Capital Improvement Projects for The City of Slidell, St. Charles Parish, and the GNOEC. Prepared Cost Estimates, Schedules, and Budgets for Construction Projects.

**Design Management:** Managed all Professional Engineering Consulting Services including Scope and Design Cost Assessments for Contract Consultants. Supervised the Engineering Department Personnel for the City of Slidell, and St. Charles Parish.  
QBS Board Member St. Charles Parish and GNOEC.

**Civil and Structural Design Projects:** Movable Bridge Property Access Maintenance St. Bernard, Third Avenue Bridge St. Tammany Parish, Mid Barataria Sediment Diversion Project Structural Design of Administration , Maintenance, Boat Storage, and Safe House Buildings, Terrebone Port Bulkhead Design Thoma-Sea Shipyard, Atchafalaya Delta Bulkhead Design LDWF, Esplanade Palms Shopping Center Renovations, Comite River Diversion US61 Bridge Design Baton Rouge -USACE, Marine Travel Lift Pier Installation St. Bernard, Saint Andrews Church Entrance Renovations, Loading Dock and Parking Lot Johnstone Supply, Show Room Renovations Johnstone Supply, Community Sailing Center Site Wok NOLA, St. Bernard Berth D Dock Expansion St. Bernard Port Harbor and Terminal District. LA 1088 and I-12 Interchange Bridge Design, New Orleans International Airport AVCOM and TSA 1542 Modifications, United States Army Corp of Engineers Levee and Flood Wall Projects West bank and Vicinity, Valero / Stone Oil Pressure Vessel Foundation Design, Valero 72" Monopile Fender Design, Valero St. Charles Dock Fender Modifications, O'Meara Marine Travel Lift Pier System, Piping Support Systems Design, Allatoona Ga. Concrete Dam Substation Analysis, Shell Oil Structural Support for Offshore Platform Abandonment and Lift Analysis, West Jefferson Hospital Structural Modifications.

**Construction Project Management Utilities:** New Orleans Convention Center Expansion Phase III, Jefferson Parish Pumping Station #3 Phase 1, City of Kenner Treasure Chest Casino, Jefferson Parish Westbank Water Treatment Plant New 5 Million Gallon Storage Tank, C130 Aircraft Hangar NAS New Orleans.

**Teaching:** Adjunct Professor College of Engineering University of New Orleans.

#### **ASCE-SEI Seminars**

ASCE -SEI Seminar- Direct Analysis Method Using AISC 360-10 14 th Edition Specifications for Structural Steel Buildings,

ASCE- SEI Seminar- Design with Seismic Provisions of ASCE-7-10.