

Benjamin E. Salamone

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**SKILLS:** Cost Estimating, Design, CADD, Construction Management, Turner's Program, Microsoft Excel & Word, CSV, PC-write, Turbo Pascal, TABS-II, HEC2, HEC1, GT-STRU DL, Presentation Skills, Analysis.

**EXPERIENCE:** Oct 95 - Present, 40 HPW, Civil Engineer, U.S. Army Corps of Engineers, NOD, Engineering Division, Cost Engineering Branch. Participation in the preparation of competitive bidding cost estimates for construction and maintenance projects performed under contract agreement and hired labor forces throughout the District. Through application of professional engineering knowledge, skills, abilities, and techniques in arriving at complete cost estimates. These estimates include reasonable contract costs based on fair and reasonable costs to the Contractor for constructing a civil works project for which bids are to be solicited on a competitive basis. Projects include levee protection work, earthwork, dredging, clearing, repairs, alterations and modification to buildings and structures, de-watering (well point) systems, relocations or removals of utilities and improvements; etc. Through examination and interpretation of plans & specifications, and participation in field trips to the job site a clear and complete understanding of the project is achieved. Visualization of the Contractors operations is determined through the entire course of construction from inception to completion. This involves selection of equipment best suited for the subject work, equipment rental rate determinations, and estimating cost for mobilization and demobilization. Determine the amount and classifications of labor required, estimate labor costs considering crew efficiency, min wage rates, overtime pay, and establishing labor priorities and schedules, verification of quantities and material costs based on actual quotes from suppliers. I have prepared estimates for over \$150,000,000 dollars of U.S.A.C.E. projects. Researches daily logs and assimilates the information into a condensed format for easier storage. Performed complex maintenance dredging estimates for Southwest Pass, Calcasieu River, Barataria Bay Waterway, The Mississippi River Gulf Outlet, and the Atchafalaya River several times each during my tenure. Developed Government Cost estimates for maintenance and construction of various rock dikes for the above waterways. Performed a Government Cost estimate for Westwego to Harvey Canal, Westbank Hurricane Protection Levee, 1<sup>st</sup> Lift.

Nov 91 - Oct 95 Civil Engineer, U.S. Corps of Engineers, NOD, Engineering Division, Waterways Section, Lowerey Williamson. Developed plans and specifications for a variety of projects addressing flood control, navigation and environmental preservation/restoration. Created survey requests for design projects and analyzed survey data provided by Systems and Programming. Estimated quantities for dredging and determined disposal area capacities for adequacy. Conducted field investigations to observe access routes and develop construction methods. Served as an IPT member involved in the preparation of planning studies and reports. Reviewed construction permits for structures near navigable waterways and offered comments for compliance. Completed Maintenance Dredging plans and specifications for Southwest Pass, Baptiste Collette Bayou, Tiger Pass, Bayou LeCarpe, U.S. Coast Guard Station, and Freshwater Bayou. I developed Construction plans and specifications for

Mississippi River Bank Nourishment, Mississippi River Phase II  
Deepening and various marsh creation projects.

Nov 98 - Oct 91, 40 HPW, Civil Engineer, Brown & Root, USA. Designed sediment diversions in Main Pass. Duties include hydraulic splay development, composition of plans and specifications and analysis of various flow scenarios. Assisted in the 2-D Hydrodynamic model for St. Charles Parish; Duties include data acquisition, mesh generation, and RMA2V file generation for TABS-2. Designed Geostationary Operational Environmental Satellite (G.O.E.S.) monitoring platforms for the Barataria and Breton Sound Basins. Duties included final design for timber pile supported platforms, development of plans and specifications, permitting procedures and construction management. Designed sediment diversion channels in the Pass a Loutre Wildlife Management area in Plaquemines Parish, LA. Duties include historical splay development, designed alternate sediment fence configurations, development of plans and specifications, analysis of various flow scenarios and construction management. Assisted in the permitting and planning of various coastal projects in Plaquemines Parish. Duties included site development for new freshwater diversion projects, data collection, construction management for parish hurricane protections levees, Christmas Tree Project Coordinator.

**EDUCATION:** BS, 1988, Louisiana State University, Baton Rouge, La  
70803

**SPECIALIZED TRAINING, AWARDS, LICENSES, CERTIFICATES:** Texas A&M  
Dredging Short-course, Cost Estimating Basics, Dredge Estimating,  
Special Act Awards: 92, 93, 93, 96, 97, 98  
Performance Awards: 93, 94, 95, 96, 97, 98(step increase),99,00,01,02  
Engineer-In-Training: T12941, Louisiana