

G. GARLAND STEWART, C.P.E.

EDUCATION

Chemical Engineering Program, Georgia Institute of Technology, 1960-1963

PROFESSIONAL AFFILIATIONS

American Association of Professional Estimators

PROFESSIONAL REGISTRATIONS

Certified Professional Estimator

SUMMARY

Extensive experience in estimating, cost engineering, scheduling, contracting and project administration on a wide variety of transportation, water resources and development projects. These projects include airport expansion, rapid transit (heavy rail, light rail, high-speed rail), high-rise office, hotel development and other heavy construction projects. For the past twelve years, has performed estimating, scheduling, feasibility studies and cost engineering on numerous transportation and development projects. Has a working knowledge of Microsoft Project and Primavera project management software and uses Timberline Estimating software, Microsoft Excel, and G2 Estimator in preparation of cost estimates.

CAREER HISTORY

FORCON International - Independent contractor providing construction cost estimating for repair of damages on property or liability claims, and cost to complete estimates for surety re-let projects.

Parsons Brinckerhoff - Lead Estimator: in the firm's Atlanta, Georgia office, he is responsible for the architectural portion of estimates, which includes rapid transit stations, portals and miscellaneous buildings for highway, tunnel, transit projects and airport facilities. He also has experience in the preparation of civil, structural and sitework estimates, and has prepared estimates for transit projects in Boston, Baltimore, Minneapolis/St. Paul and Portland.

- Prudential Center Redevelopment Plan - Boston, Massachusetts: for this \$400-million project, his responsibilities included preconstruction planning and scheduling for various construction scenarios during the rehabilitation of two million square feet of existing property and the proposed addition of two million square feet of new property.

- **South Suburban Airport, Chicago, Illinois:** prepared conceptual estimates for this study of a new airport to the south side of Chicago. He completed estimates for the Terminals, Concourses, Hangers, Maintenance Facilities, Fuel Storage and distribution and other support structures for the proposed airport.
- **Ohio High Speed Rail System:** prepared conceptual estimates for rapid line from Cincinnati to Cleveland, Ohio. This effort included Right of Way, rail line, roadways and facility estimates.
- **GA 400/I-285 Interchange, Georgia D.O.T., Atlanta, Georgia:** prepared conceptual estimates and progress estimates for this major interchange in the Interstate system in Atlanta. The estimated value is \$200-\$300 million.
- **Orlando International Airport:** lead estimator on the project to plan for the maximum usage of Orlando International Airport. There were twelve schemes with an estimated value of \$800 million to \$6.25 billion. The work included sitework, roads, environmental issues, runways, terminals and support facilities. He prepared the estimates for the preferred option of the buildout of Airside Two and near term improvements in the landside terminal. The Greater Orlando Airport Authority calls on Mr. Stewart for various cost estimating support on a variety of projects.
- **Central Artery/Tunnel Project, Boston, Massachusetts:** prepared estimates on several large contracts on this large project including underground roads, transit stations, bridges and surface roadways.
- **Highway Widening, Provo Canyon, Utah:** included widening roadway, tunnels, site restoration and recreational paths along the Provo River. Prepared cost estimates for many different studies on this project.
- **FORT Washington Way Reconstruction, Cincinnati, Ohio:** Lead Estimator for this major reconstruction of the Expressway System along the Riverfront in downtown Cincinnati. This project involves structures, earthwork, demolition, traffic rerouting and flood control measures in reconstruction of Fort Washington Way. The estimated construction value of this project is \$120 million.
- **Taiwan High Speed Rail System, Taipei, Taiwan:** Lead Estimator for the Conceptual estimating effort on the Taiwan High Speed Rail System for the Consortium that has been chosen for the task of designing, constructing, equipping and operating this system for 30 years. Our estimating effort was to arrive at the budget cost for the civil works for this 350 kilometer system. The system is made up of viaduct structures (bridges), at grade guideway and underground tunnels. This civil works was estimated to have a value of NT\$250billion (\$8.33 billion US).

PREVIOUS EXPERIENCE

- **T.W.A. Properties** - Construction Manager, directed all construction activity for a development company. His responsibilities included soliciting bids and quotes, writing purchase orders and contracts, field supervision, scheduling and customer service. He prepared budgets, estimates and feasibility studies for proposed projects. As development projects were planned and designed, Garland had the responsibility of getting the project completed in a timely fashion.
- **Stratton & Company** - Senior Estimator, Garland worked on projects for this Atlanta based contractor on projects that were primarily based on airports around the U.S.A. He worked on O'Hare International Airport, Atlanta Hartsfield International Airport, Fort Lauderdale International Airport and Cincinnati Airport.
- **J.A. Jones Construction Company:** Senior Estimator/Chief Office Engineer, worked on structural and architectural elements of construction estimates. He assisted the chief estimator in compiling bid packages and put together the overhead sheet, preliminary schedule and equipment schedule. Subsequently, Garland moved to a field job as chief office engineer. His responsibilities included:
 - MARTA and Mays High School: provided "punch out" supervision on several MARTA jobs and on the Mays High School project. He was actively involved on seven MARTA station projects and two rail line sections as estimator and chief office engineer in the field.
 - Georgia Pacific Headquarters Building: supervised the complete construction of the food and beverage facility on the 4th floor and the Executive Suite on the 51st floor.
 - Marriott Marquis Hotel: supervised the submittal of shop drawings and worked on change orders.
 - Hartsfield International Airport: prepared the estimate for a major portion of the original bid for the midfield expansion of the Atlanta Airport as well as being involved with several projects at the Atlanta Airport during his stay with J.A. Jones.
- **Piedmont Engineering & Construction Company:** Chief Estimator and Purchasing Agent, performed quantity surveys, pricing and soliciting of subcontractor bids on apartment and condominium projects, warehouse and office buildings, and strip shopping centers.
- **Atlanta Building systems:** worked as a steel detailer from 1963-1967.

BRIDGE ESTIMATING EXPERIENCE

- San Francisco Oakland Bay Bridge - Very large welded box girder bridge/ \$1.4 billion in value/ bid was 2% under the actual bridge bid.
- Replacement of several bridges damaged by hurricane Katrina in Mississippi and Louisiana.
- Expansion of the Huey Long bridge over the Mississippi River in New Orleans.
- Numerous bridges for the State of Louisiana Department of Transportation.
- Twelve bridges for the West Virginia DOT - These were welded plate girder bridges longer than 120 ft. span.
- Numerous bridges for the State of Georgia DOT.
- Numerous bridges for the State of Florida DOT and Turnpike Authority.
- Several Bridges for Tennessee and Kentucky DOT at he “Land Between the Lakes” over the rivers and locks.