

James B. Gant, PE
Program Director

Education

MS, Civil Engineering, Purdue University, 1973
BS, Civil Engineering, University of Cincinnati, 1965

Professional Registrations

Professional Engineer, Florida, 41297, 1989
Professional Engineer, Georgia, 15512, 1985
Professional Engineer, Hawaii, 3236, 1972

Experience Summary

Mr. **Gant** has more than 37 years of broad, professional experience in facilities planning, design, construction, contracts, maintenance, operations and management. He has demonstrated a consistent and impressive record of achievement reflecting a solid engineering background and proven people, project, and problem management skills. He has actively and responsibly participated in numerous design and construction projects ranging from roads, utility systems and airfields to large, technically complex buildings and mass transit systems. In addition, he has directed multimillion-dollar engineering efforts involving multiple design and construction contracts and more than 40 in-house architectural and engineering professionals. From 1994 to mid 2002, he was the North Florida Area Manager responsible for management of the Jacksonville, Florida, office and construction field offices including the supervision of eight project managers, managing small to multimillion-dollar planning, design, and construction projects. More than 30 engineers, technicians and administrative personnel were involved in this engineering and management effort, as well as various subconsultants and other support services. Management responsibilities included personnel staffing, management and evaluation; project planning, management, schedule, and cost control; contract development and administration; financial budgeting, management and control; extensive marketing; client relations; and office profitability. Currently, he is the Program Director for an over \$90 million interstate highway design/build project.

Project Experience

Florida Department of Transportation - District 2, I-95 Widening. Project manager for design effort to widen Interstate 95 from 4 to 6 lanes from Interstate 295 to Nassau County. [2000-2001]

City of Jacksonville, LaVilla Redevelopment, Florida. Project Manager for environmental assessment and remediation, permitting, drainage and site design within the redeveloped LaVilla District, some 300 acres. [1997-2002]

St. Augustine, Deland, Suwannee County, and Keystone Airports, Northeast Florida. Project director for multiple airport planning, permitting, drainage, and site design projects involving hangars, terminal expansions, runway and taxiway improvements, airport master plans, and a new control tower. [1995-2002]

Florida Department of Transportation - District 2, General Engineering Consultant Services. Directs contract support for a \$14 million, multi-year indefinite delivery contract involving extensive planning, design, engineering, construction, and project management services including value engineering, design, constructability and biddability reviews for northeast Florida air, port, and infrastructure projects. The initial General Engineering Consultant Contract was completed and again awarded for a second five-year period. [1995-2002]

City of Jacksonville, Old Middleburg Road Concept/Study Phase, Florida. Project director for improvements to a two-lane, rural roadway to four-lane, divided urban roadway. Directed traffic projection and analysis, roadway alignment, utility identification, wetlands, stormwater, geotechnical investigation, right-of-way and structures considerations and public involvement. This roadway is a high priority project expected to promptly proceed to final design at the conclusion of this phase. [2000-2001]

Jacksonville Transportation Authority, Skyway, Jacksonville, Florida. Served as design and construction manager and currently serves as project manager for \$185 million, 2.5-mile elevated, automated, monorail peplemover system through Downtown Jacksonville, which links the north and south banks of the St. Johns River. The system includes eight stations and an operations and maintenance facility with intermodal transit stations at various system ends. Provided extensive planning; design and construction management; system engineering; scheduling, cost control and estimating; right-of-way, utility relocation, maintenance of traffic; public relations; and a host of other project and construction management responsibilities associated with a project of this magnitude. Resolved challenges related to extensive underground utilities, conducted a pro-active and very successful public relations program, maintained current, detailed and realistic scheduling and cost control. Coordinated the River Crossing Extension with a new \$88 million Acosta Bridge over the St. Johns River and oversaw the design and construction under and over a number of bridge approaches on both sides of the river. [1989 - present]

Florida Department of Transportation, Construction Management, Various Projects. Management, construction engineering, inspection, materials testing, contract administration, scheduling, change orders, claims review and resolution, traffic control, environmental preservation, public relations, and compliance with FHWA and FDOT policies and procedures for the following consecutive projects:

Florida Department of Transportation, State Road 9A. Resident engineer for the construction of a \$10 million new highway and bridge construction project ultimately to be included in an east beltway around Jacksonville and the Interstate system. [1991-1993]

Florida Department of Transportation, I-295, Jacksonville, Florida. Resident engineer for a \$19 million widening and improvement project of approximately eight miles of Interstate 295. [1993-1995]

Florida Department of Transportation, Swimming Pen Creek, Clay County, Florida. Construction manager for a bridge replacement over Swimming Pen Creek on County Road 220, which involved demolition of an existing two-lane bridge and replacement with a six-lane bridge with seven spans on pile foundations, AASHTO Type III concrete beams and cast-in-place concrete deck. [1996-1998]

Florida Department of Transportation, State Road 21, Clay County, Florida. Construction manager for the widening and reconstruction of 4.6 miles of State Road 21 (Blanding Boulevard), which involved a challenging maintenance of traffic effort on a major commercial arterial roadway within the city of Orange Park and an extensive public awareness and business interface program. [1996-1998]

Florida Department of Transportation, Roadway, Bridge and Pier Improvements, St. Johns County and Clay County, Florida. Resident engineer for five projects totaling \$5 million construction cost at five sites, which involved the replacement of three bridges, the improvement of two roadways, and the enlargement of a boating and fishing pier for the city of Green Cove Springs. [1998-2000]

Florida Department of Transportation, U.S. 1 Improvement and I-95 Widening. Senior project engineer for I-95 widening from 4 to 6 lanes from I295 south to the St. Johns County line and U.S. 1 improvements to the St. Johns County line. The very successful recent completion of this high visibility project, recognized by a commendation from the Department, led to selection to manage three design/build contracts to widen I-95 through St. Johns County, some 36 miles, representing over \$80 million design, construction and management effort. [2000-2002]

Florida Department of Transportation I-95 Widening. Program Director for I-95 widening from 4 to 6 lanes through St. Johns County, south of Jacksonville, Florida. This project involves 35 miles of interstate highway construction representing over \$90 million design, construction and management effort, three design/build contracts and includes the replacement of County Road 210 Bridge over the interstate to accommodate a future 6 lane divided county roadway. Over 15 engineers, inspectors and administrative personnel are employed in this project management effort. In addition, this project incorporates several FDOT contract innovations including design/build project delivery, lump sum contracts, oversight construction engineering and inspection, new contractors performance evaluation system, and contractor quality control. [Mid 2002 -]

Trident Facility Refit, Naval Submarine Base Kings Bay, Georgia. Managed equipment installation of 470 diverse, complex and state-of-the-art industrial plant equipment valued at \$14 million, ranging from lathes to computer controlled milling machines to large ovens and sensitive test instruments. Managed on-site engineering, equipment installation and testing, scheduling and cost control. Supervised three branch heads coordinating in-house personnel,

union craft labor, and six specialty subcontractors. Interfaced directly with the client, the Naval Sea Systems Command, and other Navy organizations to coordinate, discuss issues, and resolve problems associated with equipment installation. [1987 - 1989]

Naval Sea Systems Command On-Site Detachment, Naval Submarine Base, Kings Bay. Consultant for facilities engineering and equipment installation. Resolved design issues and problems; construction interface and monitoring; facility tests; inspection and certifications for occupancy; and coordination and oversight of the installation of extensive facility industrial equipment for 24 Trident Submarine Refit Facilities and Trident Training Facility Engineering and Operations Training System spaces. [Advanced Technology, 1985 - 1987]

US Navy, Civil Engineer Corps, OICC Trident, Kings Bay, Georgia. Acquisition officer for the planning, design and construction of the Naval Submarine Base, a \$1.3 billion program and the largest ever U.S. Navy peacetime construction program, essentially constructing a small city to accommodate the Trident Submarine on the east coast. Supervised planning, design, and contract and construction management of significant part of the facilities including roads, water, sewer and electrical systems; 165 units of multi-family housing; numerous technical and administration facilities, the 500,000 square foot Trident Training Facility and a \$100 million drydock. Supervised a staff of some 40 professionals involved in contract and in-house execution of this enormous planning, engineering and contract effort. Oversaw all aspects of project development including scope of work, consultant selection, design review and management, construction contract advertisement and award, and construction management. Later, as Resident Officer in Charge of Construction, responsible for a \$60 million construction effort including initial construction of the 500,000 square foot technically complex Trident Training Facility, Bachelor Housing Facility, Commissary and Dining Facility. [1982 - 1985]

Naval Facilities Engineering Command. Served as executive assistant to the program director. Provided hands-on daily participation in corporate decision making, formulating goals and objectives; personnel management, training and relations; facility administration; and financial planning, budgeting and accounting. [1980 - 1982]

US Navy, OICC Spain. Acquisition officer responsible for US Navy design, repair, maintenance and construction throughout Europe, Northern Africa and the Middle East. Provided engineering, design and construction services to the US Air Force in Spain and the United Kingdom, and NASA in Spain. Supervised a staff of more than 20 design, contract, construction and project management professionals faced with varied, challenging and numerous repair, maintenance and construction projects for facility electrical and mechanical systems; air, ship and personnel support facilities; communication systems; and infrastructure for Naval Activities as small and remote as Naval Support Activity, Bahrain, and as large and strategically important as Naval Air Facility, Sigonella, Sicily. Directly interfaced with all clients; managed project development, design and contracting; and oversaw associated construction management personnel and activities. [1976 - 1980]

Camp LeJuene, North Carolina. Administered facility construction and repair contracts including a \$3 million aircraft hangar, \$2 million bachelor housing facilities, and an enlisted club. [1974-1976]

Naval Ammunition Depot, Lualualei, Hawaii. Oversaw the day-to-day operation of the Public Works Department Maintenance Control, Facility Maintenance and Transportation Divisions. Supervised more than 100 maintenance and transportation personnel. Revamped and streamlined the facilities inspection, preventive maintenance and shop scheduling programs resulting in a significant reduction in the backlog of facility maintenance and repair work. Developed and directed the environmental and energy conservation programs. [1970-1972]

Naval Mobile Construction Battalion Forty. Managed a 250-man construction company and \$3.5 million of construction and automotive equipment engaged in numerous construction projects in South Vietnam. [1966-1968]

Special Training

Project Management Professional

Professional Memberships

National Society of Professional Engineers
American Society of Civil Engineers (Fellow)
Society of American Military Engineers
Florida Engineering Society
Project Management Institute

Publications

Gant, James B., "Field Office Handbook," a construction administration handbook for Naval Facilities Engineering Command European construction field offices, 1980.

Gant, James B. and Meeks, Kenneth W., "Under-floor Heating Cures Floor Heave," *The Military Engineer*, May-June 1978.

Awards

Numerous Navy awards and commendations including two Meritorious Service Medals.

References

Mr. Eric R. Wilson
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407/660-1719
Project: Various Design Construction Management Projects

Mr. Al Moyle

Resident Engineer
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Jacksonville, Florida 32236
904/360-5562
Projects: FDOT Construction Management Projects

Mr. Steve Arrington
Director of Engineering
Jacksonville Transportation Authority
100 N. Myrtle Avenue
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904/630-3108
Project: Jacksonville Skyway Express

Employment History

11/1987 - present, Earth Tech
1985 - 1987, Advanced Technology, Senior Engineer
1965 - 1985, U.S. Navy, Civil Engineer Corps, Commander
1959 - 1965, University of Cincinnati - Student Co-op Program (Ohio State Highway Department)