

PEERI JAMES PAPPAS, P.E.

Construction Management

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Education

B.S., Civil Engineering, Wayne State University, 1976

Professional Affiliations

American Society of Civil Engineers; Chi Epsilon National Honor Society

Professional Registrations

Professional Engineer: Hawaii, 2011 (14326); Florida, 1983 (33358); Michigan, 1980 (6201027627)

Construction Training/Qualification Program (CTQP):

- Earthwork Construction Inspection Level I and II
- Final Estimates Level I and II (No. 01103028)
- Quality Control (QC) Manager

Florida Department of Transportation (FDOT) and other Certifications/Training:

- Project Engineers School
- Advanced Maintenance of Traffic (TCT-P120670504020)
- Disputes Review Board Candidate Member
- Value Engineering Member
- U.S. Department of Defense, Secret Security Clearance

Key Qualifications

Peeri Pappas is a senior technical specialist with Parsons Brinckerhoff (PB) and has more than 35 years of experience in the construction management field. He has specialized experience in major and unique construction projects providing supervision, claims analysis, schedule development, cost engineering, and design. As a former government employee and consultant, Mr. Pappas is knowledgeable of extensive construction procedures, preferences and protocol.

Project Administration

- Honolulu High-Capacity Corridor Project, Preliminary Engineering (PE)/Construction, Honolulu, Hawaii: evaluated design-build proposals, worked on contract packaging and project management plans, and wrote management and claims processing procedures. Currently working on contract design changes and negotiations.

Project Scheduling

- Honolulu High-Capacity Corridor Project PE/Environmental Impact Statement (EIS), Honolulu, Hawaii: Provided support for the development of the ten year Rail Master Program Schedule, Program Cost Analysis for the Financial Plan and Design and Construction Contract Packaging Plan. Provided technical support for the selection of West Oahu/Farrington Hwy Guideway D-B Contractor, Maintenance and Storage Facility DB Contractor and Core Systems D-B O&M Contractor. Currently working on the West Oahu/Farrington Hwy Guideway Contract Design changes and claims preparation support.
- Michigan Department of Transportation (MDOT) Intelligent Transportation System (ITS), Detroit, Michigan: developed a schedule for the phased integration of design, construction and testing of a system for the tri-county area surrounding Detroit, Michigan.

Construction Management

- Florida's Turnpike Construction Management Services, Florida: construction manager for this project that involved overseeing the work of the construction engineering and inspection (CEI) firms and designer of record (DOR) firms that contract with the Turnpike District. Mr. Pappas' responsibilities included managing road, bridge and toll plaza construction; developing preliminary construction durations for projects in the planning phase; and finalizing the construction duration schedules at approximately the 90 percent plan phase and transmitting it to turnpike production. In addition, he has reviewed plans and specifications in the production phase for bidability and constructability; reviewed and commented on the contractor's schedule submissions (baseline, revised baseline, and updates) for conformance with the contract documents; and performed schedule analysis to assist the senior claims engineer when contractors submit requests for time extensions.

Previous Experience

Prior to joining PB, Mr. Pappas worked 10 years for FDOT providing supervision, scheduling, resource requirements, design reviews and specifications for all types of road and bridge construction. Prior to this, he worked for 10 years as a consultant to the National Aeronautics and Space Administration (NASA), providing a variety of expertise and supervision for special projects such as the Space Shuttle Launch Complexes, Mobile Launch Platforms and Advanced Space Program Studies. He also has 5 years of experience in planning, design and inspection for the construction of automotive and heavy equipment manufacturing plants. His representative experience is listed below:

- Florida Turnpike: construction project manager responsible for Osceola Resurfacing \$29.5 million project; Leesburg Design-Build Toll Plaza Expansion \$10.6 million project; Kissimmee Park Interchange \$14.2 million project; 4th Street Bridge \$4.1 million replacement project.
- FDOT Construction Department, District Five, Florida: served as a consultant under a district-wide constructability contract.
- Goldenrod Road Extension Project, Orlando Orange County Expressway Authority (OOCEA), Florida: resident engineer on this \$9 million project.
- Traffic Signal Projects, Orlando, Florida: as the project manager, he completed projects at the World Gateway Center and Central Florida Research Park.
- FDOT, District Five, Florida: responsible for establishing the construction contract time for more than \$250 million in road construction projects annually. Supervised and performed constructability and plan reviews, answered contractor's bid questions, monitored project status and determined CEI manpower requirements of a \$1.7 billion, 5-year work program in Central Florida. In addition, he reviewed utility relocation schedules, evaluated time extensions, claims, served as lead on the FDOT District maintenance of traffic (MOT) committee, participated in CEI consultant selections and performed as an expert witness in construction litigation.

Aerospace

- Space Operations, Construction of Facilities and Advanced Space Programs; NASA Kennedy Space Center, Florida:
 - Prior to the Challenger accident, Mr. Pappas was the lead scheduler for the final construction, activation and validation of Launch Complex 39B and was responsible for the preparation of the Integrated and "as-built" schedules. During the construction of ground support facilities and equipment, he analyzed and prepared detailed evaluations of construction contractor cost proposals and schedules. Coordinated and negotiated contract change orders and claims with NASA and contractors. Prepared cost estimates for all disciplines, updated Critical Path Method (CPM) schedules, approved progress payments and prepared progress reports.
 - After the Challenger accident, Mr. Pappas was assigned as the ground operations scheduler to lead the effort in the return to flight status at Kennedy Space Center. This included developing and integrating CPM schedules for the modification of all systems and ground support equipment at

two launch complexes and three mobile launch platforms. He also provided training and direction to a staff of five schedulers.

- During the original Lunar/Mars Initiative to return to the moon and establish a base for manned flights to Mars, he was the lead computer modeler in the Advanced Programs Office. Studied numerous programs and flight scenarios that were modeled to determine facility requirements with associated costs. Some advanced programs and studies included Liquid Rocket Booster Program, Crew Emergency Return Vehicle Program, and Advanced Heavy Lift Vehicle Development and Shuttle C (Cargo).

Industrial Facilities

- Oldsmobile's V-6 Engine Plant, Lansing, Michigan: developed CPM schedules and administered contracts and change orders for the plant's construction.
- Volkswagen Plant, Charlotte, North Carolina: developed CPM schedules for the plant's construction.
- Caterpillar Plant, Morton, Illinois: designed sanitary and storm sewers, water mains, fire protection, steam lines and service roads.
- Wastewater Treatment Plant, Detroit, Michigan: performed studies and reports on wastewater quality and quantity entering the plant that averaged 690 million gallons a day (mgd) (2.6 billion liters). Used test results and wrote technical reports on the capacity and capability of Detroit's wastewater treatment plant.