
GLENN IVEY, P.E.

Senior Supervising Engineer

Years of Experience

43 (5 with PB; 38 with others)

Education

Bachelor of Civil Engineering, Auburn University, 1970

Professional Registrations

Florida, 1975 (21345)

Professional Affiliations

Dispute Review Board Foundation; American Society of Civil Engineers; Florida Engineering Society/National Society of Professional Engineers

Professional Certifications/Training

Construction Training/Qualification Program (CTQP): Quality Control Manager

Florida Department of Transportation (FDOT) and other certifications/training:

- FDOT Consultant Construction Engineering and Inspection (CEI) Project Manager Training
- Florida Transportation Technology Transfer Center, Maintenance of Traffic (MOT) Training, Advanced

Key Qualifications

Glenn Ivey is a senior supervising engineer with four decades of experience in construction contract administration and management, contract inspection, and construction quality control and quality assurance for highway and bridge projects. His other areas of expertise include bridge maintenance inspection, geotechnical engineering and drainage design.

Project Experience

- State Road (SR) 55 (U.S. 19) from Whitney Road to SR 60, Clearwater, Florida: U.S. 19 is being converted to a controlled access facility. This project, funded through the American Recovery and Reinvestment Act of 2009, will ease congestion, improve safety and provide quicker travel times for evacuations. The southern portion of the project includes widening U.S. 19 from four to six lanes with two-lane, one-way frontage roads on each side. An interchange will be built at Belleair Road with a new bridge structure along U.S. 19. The northern portion of the work will provide a similar six-lane (existing) U.S. 19 with two-lane, one-way frontage roads on each side. The interchange at SR 60 will be improved and a new interchange will be provided at Seville Boulevard. Mr. Ivey is managing CEI staff, administering the construction contract, negotiating contract changes, performing CPM schedule review, dealing with the public and right-of-way neighbors and keeping the local business community informed of work progress. Currently serving part time.
- I-275/SR 93, Himes Avenue to the Hillsborough River, Hillsborough County, Florida: serving as project manager on this \$129 million CEI contract to widen I-275 northbound from the east abutment of the Himes Avenue Bridge to east of the Hillsborough River. The project includes constructing four lanes outside the existing northbound I-275 lanes through the West Tampa National Register Historic District, six new bridges and widening two existing bridges. The project incorporates landscaping and architectural features for the planned structures, approximately 311,000 square feet (29,000 square meters) of permanent mechanically stabilized earth (MSE) walls, 700,000 cubic yards (535,000 cubic meters) of embankment, 65,000 square yards (54,000 square meters) of concrete pavement, and 30,000 linear feet (9,000 meters) of reinforced concrete pipe.

Previous Experience

Prior to joining Parsons Brinckerhoff (PB), Mr. Ivey worked for FDOT and other engineering consulting firms. His specific experience included:

- Construction General Engineering Consultant, Tampa, Florida: served as project principal. Provided the corporate resources required to satisfy the requested task work orders and performed claims analyses and made recommendations for settlement.
- FDOT, District One, Construction, Various Locations, Florida: served as district construction engineer responsible for administration of the construction work program for 12 counties. He managed approximately 78 active projects through the proper utilization of approximately 130 in-house staff and consulting engineers. Mr. Ivey also actively participated in roadway and bridge construction problem identification and resolution—a bridge of note during that time was the Moorehaven replacement structure involving precast variable depth, post-tensioned, curved segmental girders.
- FDOT, District One, Operations, Various Locations, Florida: served as district director. Assisted the district secretary in managing and administrating the operation of the district. Planned, managed, scheduled, coordinated and reviewed the activities of maintenance, construction, traffic operations and materials offices. Actively involved with bridge construction problem resolution—a bridge of note during that time was the replacement of the Edison Bridge in Fort Myers with twin structures (100-foot [30-meter] span Florida Bulb Ts).
- FDOT, District Seven, Construction, Various Locations, Florida: served as the district construction engineer. Organized and staffed district construction office during the development of district. Responsible for the acquisition and management of resources to administer the highway construction program for the four county urbanized area of the district through efficient use of in-house resources and consulting engineers. Involved with the Howard Frankland Bridge westbound, John's Pass Bascule rehabilitation/repair, and several other concrete/steel bridges and movable bridges.
- FDOT, District One, Construction Program, Various Locations, Florida: served as the assistant district construction engineer. Assisted the construction engineer in the administration of the district construction program and related support functions with primary focus on structure construction. Conducted field interviews of construction operations to monitor contract administration, level of inspection, quality, and compliance with plans and specifications. Handled resolution of contract administration issues and complex technical problems. Sphere of construction during these periods included I-75 corridor construction with attendant bridges.
- FDOT, Central Office, Construction, Various Locations, Florida: as the area construction engineer, served as liaison with District Four construction operations, including I-595 construction operations. Coordinated central office support services to District Four and acted on behalf of the state construction engineer in the resolution of complex issues involving technical engineering and contract administration issues. Assisted in defining construction policies and procedures for statewide application. Primary work effort during this period was I-595 that included numerous steel/concrete bridges as well as segmental structures at Fort Lauderdale Airport and at the west end of the U.S. 27/I-75/I-595 interchange.
- Sunshine Skyway Bridge, FDOT, District One, Hillsborough, Manatee and Pinellas Counties, Florida: construction program manager in charge of construction projects for the replacement of the Sunshine Skyway Bridge. Responsible for the administration of construction contracts and the management and administration of the CEI consultant contract. Construction included 4,000 feet (1,219 meters) of main span unit single box girder precast segmental with 1,200 feet (365 meters) of main span cable stayed with 175 feet (53 meters) of vertical clearance; 1,000 feet (305 meters) high approach span twin precast segmental box with 135 feet (41 meters) spans; and trestle with 128 feet (39 meters) twin spans with Association of State Highway and Transportation Officials (AASHTO) Type IV girders at spans of 100 feet (30 meters).

- Sunshine Skyway Project, FDOT, District One, Hillsborough, Manatee and Pinellas Counties, Florida: as district project manager, served as district representative to design teams with duties ranging from plans preparation to participating in plans review process focused on constructibility and maintainability. Participated in the collection of geotechnical data for use in foundation design. Project engineer for the test pile project that evaluated foundation types and capacities for use in design and for the construction of the two main pier foundations.
- FDOT, District One, Maintenance Office, Florida: served as the district structures and facilities engineer responsible for the biannual structural safety inspection and load rating for bridges on the District's State Highway System. Provided identification and development of the bridge repair program. Mr. Ivey also performed the inspection, repair and maintenance of 16 movable bridges in what was then District One (and now District Seven).
- FDOT, District One, Materials, Hillsborough and Lee Counties, Florida: served as assistant district materials engineer for soils and foundation. Responsible for the preparation of engineering reports for use in the design of roadway and structure foundations. Planning and supervision of subsurface data acquisition and analysis, including analysis of foundation conditions and recommendations on materials usage, soil parameters for use in foundations design, special construction techniques and instrumentation installation. Sphere of work included I-75 corridor from Hillsborough to Lee Counties.
- FDOT, District One, Drainage, Various Locations, Florida: served as assistant district drainage engineer. Responsible for the design of drainage facilities required for roadway construction; design of storm sewer systems that included sizing pipes, identifying pipe grades, locating inlets and manholes; determining best routing; and sizing retention areas, bridge and culvert openings; and design of roadway and outfall ditches.