

RANDALL W. CARPENTER, P.E., CPC

RWC Project Controls LLC

364 Lakeview Street, Orlando, FL 32804

Phone: 407.729.4989 E-mail: rcarpenter5939@aol.com

Education:

BS – Civil Engineering, Purdue University – 1982

Professional Engineer: Florida PE No. 44642

Certified Professional Constructor: CPC No. 295

Passed Florida Contractors Exam

Continuing Education/Certifications/Other:

Disputes Review Board Member

Construction Training Qualification Program (CTQP) TIN: C615739602620

QC Manager

Final Estimates Level 1

Final Estimates Level 2

Asphalt Paving Technician Level 1

Asphalt Paving Technician Level 2

Concrete Field Inspector (Completed/Passed)

Certifications/Other:

DRB Administration and Practices Workshop

FDOT Advanced MOT

Florida Stormwater, Erosion & Sedimentation Control Training

National Society of Professional Engineers - Member

American Society of Civil Engineers - Member

Florida Engineering Society - Member

Summary of Qualifications:

Mr. Carpenter has 28 years experience in roadway and bridge construction, inspection and contract administration. He is an accomplished manager with effective personnel skills and decision making experience. His projects have included a variety of highways, bridges, utilities and buildings. He is skilled in complex Critical Path Schedule creation, updates and management utilizing Microsoft Schedule and Primavera software, including Expedition. Mr. Carpenter also continues to serve as chairman of the Facilities Committee for the annual Construction Career Days event for high school students at the Central Florida Fairgrounds.

Mr. Carpenter currently owns RWC Project Controls LLC, a business specializing in construction scheduling, project controls and disputes resolution. Through this business, he has created and monitored the CPM construction schedule for several heavy and highway construction projects and prepared and analyzed requests for additional compensation by the contractor. Mr. Carpenter is also a member of the Florida Disputes Review Board.

As a Senior Project Engineer for Construction Engineering and Inspection (CEI) firms, Mr. Carpenter has been responsible for all aspects of construction inspection activities including coordinating and managing adequate field inspection staff, monitoring materials sampling and testing and maintenance of field books,

assisting with final estimates preparation, interfacing with clients to serve as their extension in adequately monitoring each project, and coordinating and negotiating with contractors during construction. Projects included:

FDOT – District 1 – SR 72: Served as a Project Administrator under a District-Wide Contract to provide Project record Review and Compilation for Quantifying Allowable Time and Compensation for several outstanding issues on a SR 72 widening project through the Myakka State Forest. This two-month review and compilation consisted of sorting through numerous types of data and records to then summarize in acceptable FDOT format for processing Supplemental Agreements. (2009)

FDOT Group 98 Projects: Senior Project Engineer for several concurrent FDOT projects along the I-4 corridor, each ranging from \$100,000 to \$2M in construction value. Work activities on these seven projects included widening of an interstate off-ramp with a new turn lane, bridge painting of interstate overpass bridges, interstate sign structure replacements, interstate bridge joint replacements, sinkhole remediation and Intelligent Transportation System (ITS) installation. Most of these projects mandated a high level of maintenance of traffic coordination and attention with lane closures along Interstate 4. (2007-2008)

Central Florida SunNav ITS: Senior Project Engineer for a \$14.2M project for the Florida Turnpike on SR 417 (Seminole Expressway) in Seminole County, SR 417 (Southern Connector) in Osceola County, and SR 429 (Western Beltway) in Orange County. Work activities included installation of conduit, dynamic message signs, concrete poles, numerous ITS devices, and traffic control during construction. This project demanded very close monitoring of the contractor's activities and schedule. (2006-2008)

Seminole County Stormwater Improvement Projects: Senior Project Engineer for three regional stormwater facilities totaling about \$7 million in Seminole County that generally expanded and retrofitted existing old borrow pits to be more ecologically favorable. In addition to the work activities of earthwork, excavation, concrete structures, drainage pipe, stabilization, sodding, erosion control, utility coordination, and pond and ditch construction, some interesting challenges included the installation of gabion baskets and extensive mitigation planting for slope protection, as well as successfully coordinating with some volatile neighbors. (2006-2007)

Beardall Avenue Segments 1 & 2: Senior Project Engineer for the reconstruction, widening and roadway improvements for a mile long section of Beardall Ave. in Seminole County. Work activities included excavation, embankment, stabilization, drainage pipe and structures, asphalt base, asphalt surface course, erosion control, utility coordination, sodding and traffic control during construction. (2007)

Construction Company Operations Engineer: Mr. Carpenter worked directly with the C.E.O. and V.P. of Operations to coordinate project administration functions, assist in finalizing projects, and prepare requests for additional time and compensation. This included the preparation and presentation for a Dispute Resolution Board hearing that involved numerous issues, which resulted in the successful resolution of those issues. He also coordinated pre-bid and pre-construction scheduling efforts and provided monthly schedule updates and progress reports to senior management to ensure timely project completion dates. Mr. Carpenter was also responsible in administering the Construction Engineering (training) program for the Company and developed a Project Administration Manual for the Company. (1989-2006)

Interstate 4 “Big Ox” Auxiliary Lanes (Design-Build): Mr. Carpenter served as the design-build interface between the contractor and their designer during the design-build process of the \$75M project that widened the concrete pavement and bridges through 5 miles of downtown Orlando. Responsibilities included scheduling and heading up weekly design update meetings with the designer and Owner, and successfully tracking all necessary design submittals.

While serving as a Project Manager for a construction company, Mr. Carpenter’s responsibilities included all aspects of supervising the construction field operations and coordinating with the construction superintendents and foreman. As a Project Manager and Project Engineer, duties also included all responsibilities of construction administration including daily records, submittals, quantity tracking and recording, supporting documentation, cost estimates, contract modification negotiations with owners and subcontractors, construction schedule creation and analysis, coordination of utility and subcontractor work, administration of progress meetings and preparation and analysis of construction progress estimates. Projects included:

Western Beltway (SR 429): Project Manager responsibilities for the construction a \$20M section of new expressway for the Orlando-Orange County Expressway Authority. The two mile long asphalt roadway section included the construction of 11 bridges, two million yards of embankment mostly hauled from off-site, extensive drainage installation and a large box culvert for use as a golf cart tunnel. The new highway section divided an existing cemetery as well as the golf course. (1998-2000)

World Drive – Disney World: Project Manager responsibilities for the construction of multiple projects totaling \$70 million at Walt Disney World. The main project was the two mile extension of World Drive and the construction of “collector roads” along Interstate 4 which included several bridges, stabilization, limerock base and asphalt road construction, significant drainage and pond construction, lighting and signalization. Other projects included the widening of Buena Vista Dr. Bridge and the construction of two parking lots. Close coordination and communication with the Disney World representatives was imperative on these projects for their scheduling and other planning purposes in dealing with Disney guests. (1998)

I-95 Widening: – Project Manager responsibilities for five miles of Interstate 95 widening for FDOT in Duval County. The project consisted of widening several bridges, concrete highway widening, sound wall installation, drainage construction, utility coordination and extensive maintenance of traffic coordination. This project also demanded close attention and monitoring of maintenance of traffic along I-95, particularly associated with the concrete paving. (1997)

Contract Administration: Mr. Carpenter assisted in closing out construction projects, verified cash flow, researched billings to finalize payments and prepared claims for additional compensation. (1994-1995)

I-295 Widening: Project Engineer responsibilities for five miles of Interstate 295 widening for FDOT in Duval County. The project consisted of widening several bridges, asphalt highway widening, sound wall installation, drainage construction, utility coordination and extensive maintenance of traffic coordination. Some contaminated material was encountered and successfully dealt with here and coordination was also necessary with the on-going construction widening project of the adjacent Buckman Bridge. (1993-1994)

Southern Connector (SR 417): Project Engineer responsibilities for three miles of new expressway for the Orlando-Orange County Expressway Authority. This \$20M project included the construction of seven new bridges, two million yards of embankment, stabilization, limerock base, asphalt roadway, pond

construction, erosion control, extensive drainage installation, reinforced earth walls, fencing, lighting and signalization. The relatively low water table and resulting high moisture content of the embankment material was successfully dealt with to provide a quality project. (1991-1993)

Rosalind Avenue Bridge: Project Engineer responsibilities for the construction of a new 6 span bridge over Lake Lucerne. This \$4M “Southern Gateway” project for the City of Orlando consisted of metal tube piling with concrete sleeves, post-tensioned concrete slab sections, permanent sheet piling, drainage, ornamental architectural features and the widening of an existing cross-street. (1991)

Automated Guideway Transit structure: Project Engineer responsibilities for the construction of a 27 span elevated structure for the passenger shuttle and pedestrian walkway connecting the main terminal to the airside terminal at the Orlando International Airport. This \$7M project consisted of metal tube piling, and concrete substructure and superstructure for the very tight tolerance “running pads” and walkway. (1988)

Conserv I Percolation Basins: Project Engineer responsibilities for the construction of twenty percolation basins to service a new wastewater treatment facility for the City of Orlando. This \$17M project consisted of trenching a four foot wide trench approximately. 20 feet deep for the length of each basin and filling with rock and a four feet deep sand cover. Each basin was constructed with a 10 foot high maintenance berm and the project included the installation of \$1M worth of ductile iron pipe. (1986-1987)

Manufacturing Building Construction: Project Engineer and Project Manager responsibilities administering the design and construction of a semi-conductor “clean room” manufacturing building and a semi-conductor “furnace” building for IBM. (1982-1986)