







Rodger P. Schmidt, P.E.



OM ENGINEERING SERVICES, INC.
Civil • Structural • Inspections

-  621 E Washington St, Suite 8, Orlando, FL 32801
-  rschmidt@omengineer.com
-  407-704-7815
-  www.omengineer.com

EDUCATION

Bachelor of Science, Civil Engineering, University of Illinois at Chicago, 1981

Associate of Science, General Studies, College of Lake County, 1977

REGISTRATIONS

Professional Engineer, #40234, Florida

Professional Engineer, #18302, North Carolina

COURSEWORK/TRAINING

Planning/Design of Interchanges; Orlando-Orange County Expressway Authority (now Central Florida Expressway Authority), 1989

FHWA Highway Geometric Design, 1990

Plans Preparation Workshop; Florida Department of Transportation, 1990

Access Management Course;

SOFTWARE SKILLS

Microsoft Office 365, Bluebeam, Microsoft Word, Microsoft Excel, Microsoft Outlook, Excel4apps, Knowledge of: Bentley MicroStation, Geopak, Civil 3D

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers, Member, 1989-2008

National Society of Professional Engineers, Member since 1989

Florida Engineering Society, Member since 1988

EXPERIENCE PROFILE

Rodger Schmidt is a Senior Engineer with more than 36 years of civil and transportation engineering experience that includes a variety of projects at many different levels of engineering. He has been a project manager and project engineer, responsible for preliminary and final designs and construction inspection of various civil and structural projects relating to transportation and public works projects. Mr. Schmidt's projects have included location and route studies, preliminary engineering report preparation (PD&E), light rail transit (LRT), highway alignments, roadway design and conceptual and final interchange design plans. He also supervised and managed the final design and preparation of contract and bid documents for new and rehabilitation of Interstate/Expressway/Major highway facilities.

SIMILAR PROJECT EXPERIENCE

OM ENGINEERING SERVICES, INC. (OME)

(2019-Current)

Kirkman Extension, Orlando, FL, Private Developer/ FDOT/ Orange County, Senior Engineer OME designed the extension of Kirkman Road South, from Carrier Drive to Universal Boulevard at the existing intersection with Tradeshow Boulevard, approximately 1.7 miles for Universal Orlando in association with Orange County, FDOT, and local Utility Companies. OME was the prime consulting engineer and hired sub-consultants. Scope of Services included all design related services between the Concept Design Release for Construction Design Phase and Post Construction Design Contract, as well as submissions to all pertaining authorities having jurisdiction (AHJ). The scope also included site utility coordination of existing site utilities with respective vendors as well as the design and relocation of existing OUC water main and sanitary force main. Mr. Schmidt was also responsible for preparing specification packages, cost estimates and QA/QC of the plan drawings.

North Lake Regional Park Parking Improvements, Lake County, FL, Project Manager OME designed a new asphalt parking area containing approximately 300 parking spaces including 12 handicap spaces. The project involved the design of new parking lot, driveway, sidewalks, signing & pavement markings, stormwater system, ponds, lighting system, and project management. Geotechnical, surveying and landscaping services were provided by OME's subconsultant teams. Mr. Schmidt was responsible for designing the parking area, signing & pavement marking plans and QA/QC of other project components.

Sand Lake Widening, Orlando, FL, Private Developer, Project Manager OME was responsible for developing plans for adding an additional right turn lane to an existing six-lane roadway. The right turn lane also served as an entrance to the adjacent property. Two existing 3-way intersections were also converted to 4-way intersections to serve the adjacent property owner. Four new mast arm signal structures and two new span wire signal assemblies. The four-mast arm structures utilized standard FDOT configurations. The span wire signal structures had spans of 265' and 276'. Structural design utilized the ATLAS program.

SR 82, Lehigh Acres, FL, FDOT D1, Senior Engineer

Developed MOT plans and the design of temporary S&PM

SR 710, Florida Department of Transportation (FDOT) District 1 (D1), Okeechobee, FL, Engineer of Record

The design of S&PM, the design of mast arm locations, signalization design, and other associated design components.

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SIMILAR PROJECT EXPERIENCE

CDM Smith

(2016-2018)

Wekiva Parkway (CR 46A Realignment) Section 5, Final Design, Lake County, FL, Florida Department of Transportation, District 5, Project Manager

CDM Smith is providing final and post design services for Section 5 of the new Wekiva Parkway (SR 429). Wekiva Parkway Section 5 is for the CR 46A Realignment from the CR 46/SR 429 interchange to the existing CR46A. The project consists of over 2 mi of new 4-lane divided roadway design, drainage, lighting, multiuse trail, signalization and extensive utility coordination. Mr. Schmidt's responsibilities included Project Management activities were implementing and managing the post design activities on the final design construction documents. The post design services include the responding to contractor's RFIs, shop drawing reviews, design plan revisions, attendance at Contractor's weekly meetings, construction site visits and other post design activities. His management responsibilities include developing project status reports and invoicing; scope and fee preparation for extra work; negotiations; staff supervision; client, CEI consultant; subconsultant coordination; and public involvement.

Parsons

(1998-2016)

Wekiva Parkway (SR 429) Section 2A, Final Design, Orange County, FL, Central Florida Expressway Authority (CFX), Design Project Manager

Parsons provided final design services and post design services for Section 2A of the new Wekiva Parkway (SR 429) from the systems interchange east to Mount Plymouth Road (CR 435). The project consists of 2 mi of new limited-access roadway design, three bridges, drainage, and extensive utility coordination. Mr. Schmidt was responsible for the final design and development of construction documents. The final design includes the development of typical sections, interchange alternatives, roadway and drainage designs, traffic control, signing and pavement marking (S&PM), and utility coordination, as well as the design of eight bridges over local roads and the Florida Gas Transmission easement. The design and development of bridge aesthetics are also part of the final design plans preparation. His management responsibilities include project planning; scope and fee preparation; negotiations; staff supervision; client, general engineering consultant, and subconsultant coordination; coordination of reviews and with other consultants; final document preparation; and public involvement, including preparing exhibits and attending one public information meeting. Mr. Schmidt also served as the project manager for the development of the final fee estimate for post design services during construction on the project.

SR 417/Boggy Creek Interchange Improvements, Orlando, FL, CFX, Project Engineer, Design

Parsons, as a subconsultant to Dewberry was selected to provide final design services for two flyover structures, traffic control, and lighting as part of the enhancements to the SR 417/Boggy Creek Road Interchange. The improvements will provide direct movements into the South Access Road of Orlando International Airport. Mr. Schmidt was responsible for the final design and development of construction documents for the complex maintenance-of-traffic (MOT). The final design included the development of MOT typical sections, phasing plans, detour plans and traffic control cross sections for the four proposed directional interchange ramps. His management responsibilities include scope and fee preparation; negotiations; staff supervision; and prime consultant coordination; coordination of reviews and final document preparation. Mr. Schmidt also served as the project engineer for post design services during construction on the project.

Maitland Boulevard (SR 414) Extension and Arch Bridge, Maitland, FL, CFX, Project Manager

As part of the Maitland Boulevard (SR 414) Extension project, Parsons designed a signature steel tied arch bridge at the US 441 crossing. The arch span is 231' and 9" and creates a façade for the actual girder bridge that carries the traffic. The client wanted the appearance of a signature bridge, but was not comfortable with the maintenance and inspection responsibility for a tied arch that carried traffic. Mr. Schmidt was responsible for the preliminary and final designs and development of construction documents. The final design includes the development of typical sections and multiple interchange alternatives, roadway and drainage designs, complex traffic control, S&PM, and utility coordination, as well as the design of two bridges and a 2,600 ft. viaduct bridge over local roads and the CSX railroad. The design and development of bridge aesthetics and sound walls are also part of the final design plans preparation. His management responsibilities include project planning; scope and fee preparation; negotiations; staff supervision; client, general engineering consultant, and subconsultant coordination; coordination of reviews and with other consultants; final document preparation; and public involvement, including preparing exhibits and attending two public information meetings. Mr. Schmidt also served as the project manager for post design services during construction on the project.