

ROBERT ZAITOONI, PE, PTOE

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EDUCATION

Bachelor of Science in Civil Engineering, University of Central Florida, Orlando, Florida

PROFESSIONAL REGISTRATION

Professional Engineer (PE) – New York, New Jersey, Connecticut

Registered Professional Traffic Operations Engineer (PTOE #257)

ORGANIZATION MEMBERSHIP

Fellow - Institute of Transportation Engineers (ITE)

AREA OF EXPERTISE

Experienced traffic engineer with extensive background in a broad range of traffic & transportation engineering and operations. Career emphasis on planning, design, evaluation, and operation of traffic management infrastructure. Career highlights include, but not limited, to the following:

- Traffic engineering & operations
- Design of traffic signals, signal systems, and ITS infrastructure
- Signal/signal system timing evaluation, design, and implementation
- Traffic safety studies
- Pedestrian and bicycle safety & connectivity studies
- Traffic calming investigation & design
- Parking management for streets and garages
- Geometric design of roads and intersections
- Signing & markings and traffic control plans
- Congestion management studies
- Traffic incident management & alternative route planning
- Traffic modeling using HCS, SYNCHRO, and SIDRA
- Extensive knowledge of MUTCD, AASHTO, ITE, NYSDOT, CTCDOT, NJDOT guidelines
- Emergency management
- Public presentations
- Program & project management
- Public & community coordination
- Public sector organization management with 50 FTE's
- Regional inter-agency coordination

SPECIAL TRAINING

Leadership Challenges, Business Development & Marketing, Quality Improvement Program, Value Engineering, Team Leader Training, Effective Supervision, Travel Demand Forecasting, Traffic Signal Design, Flexible Pavement Design, Emergency Management (NIMS).

WORK EXPERIENCE

3/2017-now, Senior Traffic Engineer, REDS, PLLC

Project engineer/manager responsible for the planning, design, permitting, and implementation of traffic and transportation projects. Experience includes traffic impact & mitigation studies; traffic engineering & operations studies; transportation planning analysis; conceptual design studies; intersection & corridor safety & capacity analysis; parking studies, maintenance of traffic plans, pedestrian/bicycle circulation studies; and design of plans for intersections, traffic signals, signal systems, signs/markings, and maintenance of traffic.

1/2016/3-2017, City Traffic Engineer, Stamford, CT

Responsible for City's core traffic engineering & operations functions including signals/signal systems, ITS, signing & marking, traffic studies, parking management & enforcement, and CIP program management. Reviewed plans for projects and new development and/or redevelopment; coordinated with OSTA, CTDOT and WestCOG for regional project programming and traffic matters.

04/2014-01/2016, Senior Traffic Engineer, Southern Traffic Services, Orlando, FL

Responsible for marketing and business development; traffic engineering & operations studies, traffic safety studies, evaluation and design of traffic signal timings, parking studies, pedestrian/bicycle circulation studies, traffic impact and mitigation studies for site development. Design and preparation of plans for intersections, traffic signals, signal systems, signs/markings, and maintenance of traffic.

06/2009-04/2014, Senior Engineering Manger, American Traffic Solutions (now VERRA Mobility)

Design & engineering manager, responsible for the planning, scheduling, design, preparation of plans and permitting of automated traffic enforcement instrumentation. Conduct traffic operations and safety studies, signal timing evaluation & design, engineering reports for clear zone and ADA compliance. Provide expertise for compliance with the MUTCD, AASHTO, NJDOT, NYSDOT and ITE standards.

05/2006-06/2009, Traffic Engineering Manager, Osceola County Public Works, Kissimmee, Florida

Responsible for managing the Traffic Engineering & Operations and Transportation Planning Divisions. Responsible for County's 20-year multi-modal transportation CIP, development and update of transportation system model, transportation concurrency program, development, and calculation of traffic impact fees. Conducted traffic operations studies, traffic safety & capacity analysis, traffic signal/signal system design, signal/signal system timing design, ITS/ATMS deployment, and fiber-optic communication plant.

03/2003-05/2006, Public Works Director, City of Ocoee, Florida

Directed the Public Works Department, responsible for the Streets, Traffic, Stormwater, Facilities Maintenance, Solid Waste, and Fleet Maintenance Divisions. Responsible for public works infrastructure planning, implementation, and maintenance operations. Reviewed development plans, prepared & presented City Commission agenda items. Actively involved in the first responder for incidents and disasters. Prepared budget and CIP, supervised employees; and responded to requests and concerns from the public and elected officials.

04/1995-10/2001, County Traffic Engineer, Seminole County, Sanford, Florida

Responsible for the Traffic Engineering & Operations Division core functions, including signal/signal systems, fiber-optic communication network, signs/markings, traffic safety program, traffic calming program, and ITS/ATMS planning & deployment. Managed public concerns related to trouble-shooting signal operations, system timings, signs/markings, and traffic safety. Prepared budgets, CIP, RFP's; and managed professional and construction contracts.

12/1988-04/1995, Lead Traffic Engineer, GAI Consultants-SE, Inc., Orlando, Florida

Project manager/engineer for FDOT District 2 and 5 projects for roadway and intersection improvement projects, traffic signal design, traffic engineering & operations studies. Prepared technical reports, proposals & fee estimates; and supervised design team for roadway and traffic projects.

12/1986-12/1988, Engineer IV, Florida Department of Transportation, DeLand, FL

Assistant District Traffic Operations Engineer responsible for District's traffic signal & signal system, and congestion management program. Managed District's in-house and out-sourced design, construction, and inspection of traffic safety projects, intersection improvements, signals & signal systems.

06/1981-12/1986, Traffic Engineer, Pennsylvania Department of Transportation, Harrisburg, PA

Responsible for conducting highway safety and traffic operations studies, conceptual design studies, application of signal operations evaluation models (PASSER II, TRANSYT-7F) to optimize signal system timings in linear arterials and networks. Responded to concerns from the public.

REFERENCES

Tonya Elliott-Moore – Assistant Public Works Director, City of Maitland, Florida, (407) 982-6693, tmoore@itsmymaitland.com

Ben Riddle - Principal/Owner, REDS, PLLC, (602) 750-6002, ben@reds-llc.com

Charles Wetzel - County Traffic Engineer, Seminole County, Florida, (407) 665-5686, cwetzel@seminolecountyfl.gov

Charles Callari – Account Manager, Verra Mobility, (908) 397-7526, charles.callari@verramobility.com

Additional references will be provided upon request.