



MICHAEL W. SCHWEICKART, P.E., PTOE

TMS Engineers, Inc.

PROFESSIONAL CREDENTIALS:

Registered Professional Engineer Ohio Reg. No. E-56982
 Pennsylvania Reg. No. 076066
 Institute of Transportation Engineers PTOE, 1999
 ODOT Traffic Academy Traffic Signal Design
 Traffic Signal System Design
 Safety Studies
 Interchange Justification Studies

AFFILIATIONS:

Institute of Transportation Engineers
 National Society of Professional Engineers
 American Society of Civil Engineers
 ITS Mid-America

EDUCATION:

University of Akron B.S. Civil Engineering, 1986

POST GRADUATE:

Northwestern University Traffic Engineering Seminar
 Geometric Design Seminar
 New York Polytechnic University Highway Capacity Seminar
 I.T.E. Strategies to Alleviate Traffic Congestion
 Signal Timing Fundamentals
 NCHRP Report 500 Seminar
 (Reducing Collisions on Horizontal Curves)
 Ohio State University Ohio Transportation Engineering Conference
 Government Road Liabilities (RTAP)
 Traffic Engineering (RTAP)
 Traffic Signal (RTAP)
 Federal Highway Administration Rural ITS Toolbox (NHI)

PROFESSIONAL EXPERIENCE:

2006	TMS Engineers, Inc., President
2005 - 2006	Transportation Management Services, Owner
1996 - 2005	Traff-Pro Consultants, Inc., Vice President of Engineering
1991 - 1996	Traff-Pro Consultants, Inc., Chief Design Engineer
1978 - 1991	Path Master, Inc., Traffic Engineer
1973 - 1978	City of Middletown, Ohio, Transportation Analyst
1969 - 1973	City of Kettering, Ohio, Traffic Technician

PROFESSIONAL EXPERIENCE:

Since forming his own professional traffic engineering firm of Transportation Management Services in 2005, Mr. Schweickart has been involved in more than 500 traffic impact studies, corridor planning studies, safety studies, freeway interchange modification studies, traffic signal design and timing projects, and street improvement design projects. Mr. Schweickart has also gained expertise in the field of traffic signal design, construction, including systems design, communications design and preemption systems for railroad and emergency vehicles.

Mr. Schweickart has acted as traffic engineer for a number of northeast Ohio communities including the cities of Solon, Westlake and Cuyahoga Falls. This experience has provided a unique look and understanding of traffic and transportation problems that cities encounter on a daily basis.

Mr. Schweickart has been involved with various traffic engineering projects within the City of Steubenville. In 1994, he was the engineer in responsible charge of the design of the City's current "closed loop" signal system. In 2002, he provided traffic signal system timing adjustments to the signalized intersection of Sunset and Hollywood. He is currently on retainer with the City of Steubenville to provide signal system consulting services on an as-needed basis.

Mr. Schweickart has been in responsible charge of many large scale design projects, overseeing the work from start to finish. His experience as a project manager, problem solver and consensus builder provides a basis for a successful project.

Unique to Mr. Schweickart is his understanding and experience with complex traffic signal components and systems. His knowledge and experience with a large variety of equipment brands is unparalleled. He is able to monitor city wide systems to report, repair and modify signal operations. He is one of the few individuals who can provide complete services to analyze problems and implement solutions quickly and efficiently. He is intimately familiar and efficient at systems analysis techniques for all traffic signal projects including ODOT specification 633. He maintains a close relationship with both public and private traffic signal maintenance and construction firms to provide assistance for emergency and non-emergency equipment problems.

COMPANY DESCRIPTION

TMS Engineers, Inc. is a specialized transportation and traffic engineering consulting firm representing clients that include governmental agencies, civil engineering firms, planning consulting firms, attorneys, private development interests, and architectural firms. Our experience with public and private clients allows us to meet the needs of our clients by providing functional, cost-effective solutions to the unique problems of a project.

Transportation Management Services was established in 2005, with headquarters located in suburban areas of Akron and Cleveland, Ohio. In 2006, the company was incorporated under the laws of the State of Ohio and became TMS Engineers, Inc. Michael W. Schweickart, president of the firm, has over 30 years combined experience in traffic engineering, transportation planning and design, and roadway design. He also has specialized in traffic signal design, timing, optimization, systems analysis and construction management.

Mr. Schweickart has earned a strong reputation for creative problem solving through a solid relationship developed with his clients. This close client relationship has developed through effective communications throughout the course of development for each and every project. Mr. Schweickart has demonstrated the capability in providing quality services at competitive costs. He has also established a solid record of completing projects on time and within budget.

TMS Engineers, Inc. is able to provide specialized technical services unlike any other firm. We maintains a close association with qualified architectural and engineering consultants to provide assistance and additional expertise as projects require.

TMS Engineers is pre-qualified by the Ohio Department of Transportation to provide Safety Studies, Interchange Justification and Modification Studies, Traffic Signal Design and Traffic Signal System Design services.

CONSULTING SERVICES

TMS Engineers, Inc. provides a wide variety of traffic and transportation related services to both the public and private sector in the following areas:

Traffic Engineering

- Traffic Impact Studies
- Traffic Engineering Assistance for Local Agencies
- Conceptual Highway and Intersection Analysis and Design
- Striping and Signing Plans
- Traffic Control Device Inventories
- Traffic Counting
- Pedestrian and Bikeway Facility Design
- Traffic Accident and Safety Studies
- Traffic Calming Studies & Designs
- Interchange Justification and Modification Studies
- Maintenance of Traffic Plans

Traffic Signal Design, Optimization and Management

- Traffic Signal Design Plans
- Traffic Signal System Design
- Traffic Signal Modifications
- Traffic Signal Emergency Vehicle Preemption Systems
- Traffic Signal Railroad Preemption Systems
- Traffic Signal Bus Priority Systems
- Interconnect Systems
- Traffic Signal Construction Management
- Systems Analysis (ODOT 633)
- Simulation, Optimization and Signal Timing Studies
- Traffic Signal System Monitoring and Management

Transportation Planning

- Traffic Modeling
- Site Access and Circulation Studies
- Corridor & Area Planning Studies

TMS Engineers' staff is trained in the requirements of their professional activities. The staff is fully trained in all the requirements outlined in the Manual of Uniform Traffic Control Devices for Streets and Highways, the Ohio Department of Transportation's State Highway Access Management Manual, and in the American Association of State Highway and Transportation Official's (AASHTO) Design Guidelines.

TMS Engineers, Inc. is committed to improving it's technical ability and efficiency through the use of state-of-the-art computer hardware and software, and documentation of analysis and design procedures.