

TRAFFIC ENGINEER/TRANSPORTATION PLANNER

Education:

Bachelor of Science, Civil Engineering - California State Polytechnic University, 1986

Professional Registration:

Professional Engineer: Ohio License No. 68026; Florida License No. 67789

Certified Planner, American Institute of Certified Planners (AICP) No. 019688

Years of Experience: 26

Private Agency Experience

- ▶ **Transportation Project Manager, ms consultants, inc. Columbus, OH**, Nov.1998 – June 2004
- ▶ **Transportation Manager, ms consultants, inc. Columbus, OH**, May 2007 to present
- ▶ **Office Manager, Michael Baker & Associates, Columbus, OH**, Dec. 2006 – May 2007
- ▶ **Traffic Engineer, R. D. Zande & Associates, Inc., Columbus, OH**, July 1997 – Nov. 1998.
- ▶ **Assistant Civil Engineer, Wooster and Associates, Crafton PA** – May 1989 to Nov. 1989.

Preparation and project management of:

- Complete Streets Study and Strategic Plans, i.e. YSU Campus Roads Study
- Traffic circulation studies
- Parking studies – on street and site specific, ie Children’s Hospital Parking Study
- Thoroughfare Plans, i.e. City of Delaware/ Delaware County, Westerville, Marysville
- Traffic Safety Studies; Traffic Impact Studies
- Interchange Justification and Modification Studies
- Street Closure Studies; ie Capital University in Bexley, OH
- School Circulation Studies
- Hospital Circulation Studies, i.e. Children’s Hospital Parking Plan for Special Zoning District
- Corridor Revitalization Studies and Design
- Safe Route to School Plans and Community Facilitation
- Street Revitalization & Streetscape Planning Studies
- Traffic Signal Analysis & Warrants and Design
- Traffic Counts, Speed Surveys, Turn Lane Sizing
- Public Involvement Programs & Facilitation

Traffic engineering support to villages and communities in Pennsylvania.

Project manager for the **ms consultants** team for the initial planning steps for the I-70/I-71 South Innerbelt Study in downtown Columbus.

Preparation of guidelines, manuals and standards for state and local agencies such as:

- Traffic Calming Guidelines
- Traffic Impact Study Standards
- Access Management Guidelines
- Transportation System Management (TSM) Transportation Demand Management (TDM)
- Safety Study Manual and Course – developed for ODOT’s Traffic Academy
- Interchange Justification/Modification Study Manual and Course – developed and taught the first few courses for ODOT’s Traffic Academy

Valerie S. Croasmun, P.E., AICP

Public Agency Experience

- ▶ **Ohio Department of Transportation (ODOT) District 6 Planning & Programs Administrator, Delaware, Ohio**, June 2004 –Dec. 2006
 - Managed 20 full time employees and between 3 to 5 part time/intermittent employees
 - Oversaw the Environmental, Programs & Estimating, Planning Contract Management and Permits Departments which includes pavement design, bridge design and inspection, safety and traffic engineering, small city, municipal bridge and LPA applications and projects, capital and maintenance budget oversight
 - Administrator duties include serving on the District Budget Review Committee, the MPO policy committee, District Safety Review Team and other committees
 - Safe Routes to School (SRTS) Coordinator and served on the start-up policy Committee
 - ODOT Project Development Process (PDP) review committee representative
 - Interaction and transportation planning with MORPC
 - Bus Use of Shoulders Program – coordinated with COTA and ODOT Central Office to promote the first Bus Use of Shoulders program in Ohio on I-70 from SR 256 to I-270
- ▶ **Assistant Civil Engineer - Traffic Engineering, City of Ontario, CA**, Jan. 1989 – April 1989.
 - Traffic signal and street light plan design and review
 - Site plan review for compliance with traffic guidelines and standards
 - Detour plan design for city projects
 - Detour plan review
 - Traffic safety investigations and reports
 - Assisted with field and in-office coordination of the traffic signal system
- ▶ **Civil Engineer – Traffic Engineering Orange County California Environmental Management Agency, Santa Ana, CA** – June 1986 to Jan. 1989.
 - Accident investigations to provide traffic engineering perspective for liability claims.
 - Traffic safety investigations initiated through public complaints reviewing the following:

Traffic volumes	Sight distance
Vehicle speeds	Parking zones
Roadway geometrics	Guardrail placement
Accident history	Development Plans
Signing and striping guidelines	Traffic signal timing
 - Prepared traffic circulation and traffic calming studies and presented traffic safety alternatives at public meetings.
 - Represented Orange County at monthly planned community meetings.
 - Assigned and supervised the tasks of an Engineering Aide and Engineering Technician.
 - Development guidelines for Orange County's Traffic Calming Policy.

Professional Affiliations:

Institute of Traffic Engineers (ITE), 1988 – present
Women's Transportation Study (WTS) 2007 – present
American Council of Engineering Companies (ACEC) Transportation Committee; 2007- present
American Society of Highway Engineers (ASHE), 2007 - present
Orange County Transportation Engineering Council, 1986-1989
Orange County/EMA Professional Development Committee – 1986-1989
Chi Epsilon – Civil Engineering Honor Society, 1985-present