
Valerie S. Croasmun, P.E., AICP

Education:

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

Professional Registration:

Professional Engineer: Ohio License No. 68026

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

Years of Experience: 21

Traffic Engineer/Transportation Planner with both private and public agency experience

Private Agency Experience

- ▶ ***Transportation Manager, ms consultants, inc. Columbus, OH, Nov. 1998 – June 2004; 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:

- Traffic circulation studies
- Parking studies – on street and site specific, ie Children's Hospital Parking Study
- Thoroughfare Plans, ie City of Delaware and Delaware County Thoroughfare Plans
- Traffic Safety Studies
- Traffic Impact Studies
- Interchange Justification and Modification Studies
- Street Closure Studies; ie Capital University in Bexley, OH
- School Circulation Studies
- Safe Route to School Plans and Community Facilitation
- Street Revitalization & Streetscape Planning Studies
- Traffic Signal Analysis & Warrants
- Traffic Counts
- Speed Surveys
- Turn Lane Warrants & Sizing
- Traffic Signal Design
- Public Involvement Programs & Facilitation

Traffic Engineering support to villages and communities while employed by Wooster & Associates 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 and standards for state and local agencies such as:

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

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
- Consultant contract oversight and selection
- Safe Routes to School (SRTS) Coordinator for District 6 and served on the start-up policy Committee
- ODOT Project Development Process (PDP) review committee representative
- Interaction and transportation planning with the MPO and local agencies from eight counties in Central Ohio.
- 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 just east of Columbus

► **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 which included a review of 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

- Presented engineering reports and coordinated monthly Orange County Traffic Committee meetings
- Designed special highway channelization and median configurations
- Wrote 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.
- As a coordinating member of the Orange County Professional Development Committee, developed and implemented speakers, meeting schedules and locations.

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, 1985-1986

Transportation Engineering/Planning Philosophy:

Whether a public sector employee or private sector consultant, I believe the public is your customer.

I have been involved in traffic calming, community circulation planning, transit and safe routes to school since the onset of my career twenty years ago in Orange County California. I bring this background to Ohio which is just beginning to feel the strains of congestion in comparison to the Los Angeles area.

I believe that in central Ohio, working together to create a regional multi modal transportation system and promoting Transportation Demand Management (TDM) and Transportation System Management (TSM) is important now to reduce the need for additional interstate and arterial capacity.

I am a firm believer in community planning and designing, whether new or retro-fit, for a balanced transportation system which considers all users: motor vehicles, transit, bicyclists and pedestrians. As both a planner and traffic engineer, I understand how the integration of land use and transportation can create a sense of place for a community, and how important interconnectivity is to promote internal trips whether by car, foot or bike.