

Mr. Spack is the Founder and President of Spack Consulting where he is responsible for the firm's traffic engineering and transportation planning projects. He also serves part-time as an Adjunct Professor in the University of Minnesota's Department of Civil Engineering.

In addition to his consulting activities, Mr. Spack regularly writes on traffic related issues. He is regularly published in the *Minnesota Real Estate Journal* as well as the University of Minnesota LTAP's *Technology Exchange*. Mr. Spack has also written the industry leading blog [MikeOnTraffic.com](http://MikeOnTraffic.com) since 2007. He is also the author of [From Tuition to Promotion](#), published by Yosemite Press.

### Representative projects as principal in charge that have gained full approvals:

#### *Traffic Studies*

- ▶ Elk Run in Pine Island, MN - 5,000+ acre development that included a new interchange on Highway 52.
- ▶ Astra Village in Brooklyn Park, MN - 1.9 million square feet of office and 1,100 housing units.
- ▶ Tamarack Hills in Woodbury, MN - 700,000 square feet of commercial/retail.
- ▶ 3M Redevelopment in St. Paul, MN - 500,000 square feet of industrial and 260,000 square feet of office.
- ▶ St. Jude Medical Corporate Headquarters in Little Canada, MN - 350,000 square foot expansion.
- ▶ Independent School District 112 High School in Chanhassen, MN - 2,000 student school.
- ▶ Multiple Walmart Stores.
- ▶ Multiple CVS Pharmacies.

#### *Traffic Signal Design*

- ▶ 2<sup>nd</sup> Street MSAS Project in Duluth, MN - Plans and specifications for five traffic signals.
- ▶ I-494 Design Build Project in Eden Prairie, MN - Plans for six traffic signals.
- ▶ Lowry Avenue in Minneapolis, MN - Plans and specifications for seven traffic signals.

### Areas of Expertise

- ▶ Traffic Impact Studies
- ▶ Environmental Analyses
- ▶ Traffic Operations
- ▶ Safety Studies
- ▶ Corridor Planning
- ▶ Intersection Control Evaluations
- ▶ Site Specific Parking Circulation
- ▶ Traffic Signal Design
- ▶ Roadway Design
- ▶ Signing & Striping Design
- ▶ Traffic Signal Operations
- ▶ Roadway Audits
- ▶ School Safety Studies
- ▶ Traffic Data Collection
- ▶ Pedestrian System Planning

### Education

- ▶ Bachelor of Civil Engineering  
University of Minnesota
- ▶ Bicycle Facility Design Course  
Northwestern University Traffic Institute
- ▶ Signal & Lighting Design Course  
Mn/DOT
- ▶ Signal Operations Course  
Mn/DOT
- ▶ Neighborhood Traffic Control Course  
University of Wisconsin
- ▶ Roundabout Planning & Design Course  
Mn/DOT
- ▶ Mini-Master of Real Estate Development  
University of St. Thomas

### Registrations

- ▶ Minnesota Professional Engineer
- ▶ Wisconsin Professional Engineer
- ▶ Certified Professional Traffic Operations Engineer®

### Professional Organizations

- ▶ Sensible Land Use Coalition
- ▶ Institute of Transportation Engineers (ITE)
- ▶ Midwestern District of ITE  
- Director, 2006
- ▶ North Central Section of ITE  
- Young Professional of the Year, 2007  
- Past President, 2006  
- President, 2005  
- Vice-President, 2004  
- Secretary, 2003  
- Treasurer, 2002  
- Director, 2001  
- Various Committee Chairmanships