

Education

- Bachelor of Civil Engineering
University of Minnesota, 1996
- Northwestern University Traffic
Institute Bicycle Facility Design
Course, 1996
- Signal & Lighting Design Course
Mn/DOT, 1999
- Signal Operations Course
Mn/DOT, 2000
- Neighborhood Traffic Control
Course
University of Wisconsin, 2000
- Roundabout Planning & Design
Course
Mn/DOT, 2001
- Mini-Master of Real Estate
Development
University of St. Thomas, 2006

Professional Organizations

- Institute of Transportation Engineers
- Midwestern District of the Institute
of Transportation Engineers
 - Director, 2006
- North Central Section of the Institute
of Transportation Engineers
 - Director, 2001
 - Treasurer, 2002
 - Founding Member of Pedestrian Safety
Committee, 2002
 - Secretary, 2003
 - Vice-President, 2004
 - President, 2005
 - Past-President, 2006

Certifications

- Mn/DOT technical certification for
Signals & Lighting - Levels I & II

Licenses

- Professional Engineer Registration in
MN (No. 40936)
- Professional Engineer Registration in
WI (No. 37596-006)

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

Since beginning his career in 1996, Mike has participated in a wide variety of traffic engineering and transportation planning projects. Following are the types of projects he has directed and/or worked on:

- ▶ Traffic Impact Studies
- ▶ Environmental Analyses
- ▶ Traffic Operations
- ▶ Pedestrian System Planning
- ▶ Corridor Planning
- ▶ Signal Justification Studies
- ▶ Site Specific Parking
Circulation
- ▶ Traffic Signal Design
- ▶ Roadway Design
- ▶ Roundabout Design
- ▶ Traffic Signal Operations
- ▶ Roadway Audits
- ▶ School Safety Studies
- ▶ Safety Studies
- ▶ Traffic Data Collection

City of Maple Grove, MN

Mr. Spack was employed as the City of Maple Grove Traffic Engineer. As the traffic engineer he reviewed all development proposals, all roadway and traffic signal construction plans, and all traffic studies prepared for the City. Mr. Spack performed as the project manager on construction and planning projects. He also responded to all citizen requests pertaining to traffic conditions. In this regard he performed numerous traffic studies to determine if additional traffic controls are needed within neighborhoods and along collector/arterial routes. Mike routinely made presentations to the City Council and Planning Commission. He also worked regularly with neighborhood groups and has conducted several neighborhood meetings. Mr. Spack was responsible for all traffic operations along City roadways and worked closely with Mn/DOT and Hennepin County regarding the operations of their roadways within the City.

Benshoof & Associates, Inc., Hopkins, MN

While with the Benshoof firm, Mr. Spack prepared traffic impact studies for several types of environmental documents including EAWs and AUARs. The land use types involved with these studies included offices, residential, retail/commercial, industrial, restaurants, and mixed-use developments. Mike also prepared comprehensive transportation plans for the cities of St. Michael and New Brighton. He designed several traffic control signals, signing plans, and striping plans.

Bonestroo, Rosene, Anderlik & Associates, Inc., St. Paul, MN

While with the Bonestroo firm Mr. Spack designed over 30 traffic signal systems, numerous signing & striping plans, and a roadway. Mike prepared signal justification reports for these signal systems and was responsible for the contract administration and construction inspection of all traffic signal projects. Mike prepared several traffic impact analysis reports and the comprehensive transportation plan for Forest Lake Township. He was responsible for all of the Municipal State Aid reporting and plan review for twelve State Aid Cities.