

Peter C. Rafferty, PE, PTOE, AICP

Program Manager
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Education	M.S. – Transportation Planning and Economics, University of Minnesota-Twin Cities, 2002 Graduate Certificate in Transportation Studies, University of Minnesota-Twin Cities, 2003 B.S. – Civil Engineering (Transportation), University of Washington, Seattle, 1997
Positions Held	2006 – present Program Manager, Traffic Operations and Safety Laboratory, UW—Madison 1999 – 2006 Transportation Planner/Engineer, Short Elliott Hendrickson Inc., Saint Paul, MN and Madison, WI 1997 – 1999 Transportation Engineer, Buchar Horn Inc., Memphis, TN 1996 – 1997 Traffic Operations Technician, Washington State DOT Traffic Systems Management Center, Seattle, WA
Research Interests	Traveler Information, including the 511 program; Transportation Planning; Freeway Operations; Transport Modeling; Congestion Pricing; Microsimulation; Transportation Economics; Intelligent Transportation Systems (ITS); Road Safety; Congestion Mitigation
Selected Current Projects	<i>Wisconsin 511 Traveler Information Program.</i> Primary responsibility with the TOPS Lab is managing the 511 program for the state of Wisconsin, including coordinating statewide traveler information, managing the 511 system deployment, integrating data through the WisTransPortal system as it relates to traveler information, and managing interoperability and telecom issues. Other activity includes involvement with a variety of projects and programs related to freeway operations, microsimulation, road safety, and intelligent transportation systems throughout Wisconsin
Selected Publications	1. <i>Quantifying the Safety Benefits of ITS and Congestion Mitigation Strategies</i> – Presented at the University of Minnesota Center for Transportation Studies Transportation Research Conference, May 2006 2. <i>Delayer Pays Principle: Examining Congestion Pricing with Compensation</i> – Presented at the Transportation Research Board Annual Conference, January 2004; Published in the International Journal of Transport Economics, October 2004 3. <i>The Rational Locator Reexamined: Are Travel Times Still Stable?</i> – Presented at the International Conference on Travel Behavior Research, August 2003
Professional Service	Licensed Professional Engineer in Minnesota and Wisconsin TOPS Lab American Institute of Certified Planners Institute of Transportation Engineers American Planning Association ITS America & SmartWays Wisconsin