

# Ertan Örnek, P.E.

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<b>Education</b>	M.S. - Civil and Environmental Engineering, Marquette University – Milwaukee, 2000 B.S. - Civil and Environmental Engineering, Marquette University – Milwaukee, 1997
<b>Positions Held</b>	2006 – present Associate Researcher, Traffic Operations and Safety Laboratory, UW-Madison 2003 – 2006 Project Manager, DAAR Engineering, Milwaukee, WI 2000 – 2003 Project Engineer, Parsons, Milwaukee, WI 1998 – 1998 Project Engineer, Chastain and Associates, Chicago, IL 1995 – 1997 Co-op Engineer, Illinois Department of Transportation, Dixon, IL
<b>Research Interests</b>	Transportation Safety; Traffic Database Analysis and Management; Intelligent Transportation Systems (ITS); Construction Work Zone/Management; Traffic micro-simulation
<b>Selected Current Projects</b>	I-94 Milwaukee N-S Corridor Reconstruction Planning And Future Traffic Analysis Through Micro-Simulation Modeling. Wisconsin Department of Transportation (WisDOT).
<b>Selected Publications and Technical Reports</b>	1. Drakopoulos, A., Örnek, E., "Use of Vehicle-Collected Data to Calculate Existing Roadway Geometry," Journal of Transportation Engineering, ASCE, March/April, Vol. 126, No. 2, pp.154-160, 2000. 2. Drakopoulos, A., Shrestha, M., Örnek, E., "Freeway Crash Timeline Characteristics and Uses," Transportation Research Record #1748, National Research Council, Transportation Research Board, pp. 132-143, 2001. 3. Evaluation of the Gateway Patrol and the Enhancement Freeway Patrol Motorist Assistance Programs (Interstate 94, Kenosha, Racine and Milwaukee Counties, Wisconsin) 4. Systematic Evaluation of Run-Off-Road Crash Locations in Wisconsin (December 2004) Institute of Transportation Engineers – Member
<b>Professional Service</b>	Institute of Transportation Engineers – Member