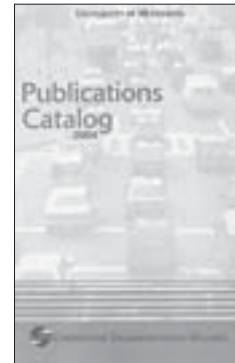


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## Update

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[www.cts.umn.edu/publications](http://www.cts.umn.edu/publications)

### Research Reports

#### Transportation and the Economy

##### *The Benefits Of Bicycling In Minnesota*

Gary Barnes

Report no. Mn/DOT 2004-50

[www.lrrb.org/pdf/200450.pdf](http://www.lrrb.org/pdf/200450.pdf)

(400 kb PDF) 52 pp., \$20

##### *Case Studies of Development in the Minneapolis-St. Paul Metropolitan Region*

Barbara VanDrasek, John Adams

Report no. CTS 04-07, (Report no. 14 in the

Transportation and Regional Growth Study)

[www.cts.umn.edu/trg/research/reports/TRG\\_14.html](http://www.cts.umn.edu/trg/research/reports/TRG_14.html)

(8.1 mb PDF) 174 pp., \$32

##### *Increasing the Value of Public Involvement in Transportation Project Planning*

Gary Barnes, Peter Langworthy

Report no. Mn/DOT 2004-20

[www.lrrb.org/pdf/200420.pdf](http://www.lrrb.org/pdf/200420.pdf)

(800 kb PDF) 95 pp., \$25

##### *Modal Shifts from the Mississippi River and Duluth/Superior to Land Transportation*

Jerry Fruin, J. Fortowsky

Report no. Mn/DOT 2004-28

[www.lrrb.org/pdf/200428.pdf](http://www.lrrb.org/pdf/200428.pdf)

(1.7 mb PDF) 114 pp., \$26

##### *On The Value of Minnesota's Road Network*

David Anderson, Gerald McCullough, James West

Report no. Mn/DOT 2004-16

[www.lrrb.org/pdf/200416.pdf](http://www.lrrb.org/pdf/200416.pdf)

(500 kb PDF) 36 pp., \$18

##### *A New Approach to Assessing Road User Charges*

David Forkenbrock, Jon Kuhl

Report no. Mn/DOT 2003-30

[www.lrrb.org/pdf/200330.pdf](http://www.lrrb.org/pdf/200330.pdf)

(12.3 mb PDF) 119 pp., \$18

##### *Scales of Airport Expansion: Globalization, Regionalization, and Local Land Use*

Julie Cidell

Report no. CTS 04-01

[www.cts.umn.edu/pdf/CTS-04-01.pdf](http://www.cts.umn.edu/pdf/CTS-04-01.pdf)

(4.0 mb PDF) 222 pp., \$37

##### *Telecommunications for Sustainable Transportation*

Frank Douma

Report no. Mn/DOT 2004-10

[www.lrrb.org/pdf/200410.pdf](http://www.lrrb.org/pdf/200410.pdf)

(1.6 mb PDF) 217 pp., \$37

##### *Transportation-Related Impacts of Different Regional Land-Use Scenarios*

Gary Barnes

Report no. Mn/DOT 2004-03

[www.lrrb.org/pdf/200403.pdf](http://www.lrrb.org/pdf/200403.pdf)

(1.1 mb PDF) 65 pp., \$22

#### Transportation Safety and Traffic Flow

##### *Accident Analysis of Significant Crash Rates for Low to Very Low Volume Roadways in 10 Statewide Minnesota Counties*

Michael Wade, Curtis Hammond, ChungGon Kim

Report no. Mn/DOT 2004-22

[www.lrrb.org/pdf/200422.pdf](http://www.lrrb.org/pdf/200422.pdf)

(300 kb PDF) 27 pp., \$18

##### *Atmospheric Visibility Measurements Using Video Cameras: Relative Visibility*

Taek Mu Kwon

Report no. CTS 04-03

[www.cts.umn.edu/pdf/CTS-04-03.pdf](http://www.cts.umn.edu/pdf/CTS-04-03.pdf)

(1.6 mb PDF) 53 pp., \$20

##### *Benchmarking Fleet Management*

David Wyrick, Brandon Storhaug

Report no. CTS 04-10

[www.cts.umn.edu/pdf/CTS-04-10.pdf](http://www.cts.umn.edu/pdf/CTS-04-10.pdf)

(695 kb PDF) 149 pp., \$29

##### *Bus Rapid Transit Technologies: Assisting Drivers Operating Buses on Road Shoulders, Volume 1*

Lee Alexander, Pi-Ming Cheng, Max Donath, Alec Gorjestani, Bryan Newstrom, Craig Shankwitz, Walter Trach Jr.

Report no. CTS 04-12

[www.cts.umn.edu/pdf/CTS-04-12Vol1.pdf](http://www.cts.umn.edu/pdf/CTS-04-12Vol1.pdf)

(2.6 mb PDF) 84 pp., \$23

##### *Bus Rapid Transit Technologies: A Virtual Mirror for Eliminating Vehicle Blind Zones, Volume 2*

Michael Knoll Sergi, Max Donath

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[www.cts.umn.edu/pdf/CTS-04-12Vol2.pdf](http://www.cts.umn.edu/pdf/CTS-04-12Vol2.pdf)

(980 kb PDF) 58 pp., \$20

##### *Deer Avoidance: The Assessment of Real World Enhanced Deer Signage in a Virtual Environment*

Curtis Hammond, Michael Wade

Report no. Mn/DOT 2004-13

[www.lrrb.org/pdf/200413.pdf](http://www.lrrb.org/pdf/200413.pdf)

(757 kb PDF) 54 pp., \$20

*Duluth Entertainment Convention Center (DECC) Special Events Traffic Flow Study*  
Jiann-Shiou Yang  
Report no. CTS 04-08  
[www.cts.umn.edu/pdf/CTS-04-08.pdf](http://www.cts.umn.edu/pdf/CTS-04-08.pdf)  
(1.2 mb PDF) 38 pp., \$18

*The Effectiveness and Safety of Traffic and Non-Traffic Related Messages Presented on Changeable Message Signs (CMS)*  
Kathleen Harder, John Bloomfield, Benjamin Chihak  
Report no. Mn/DOT 2004-27  
[www.lrrb.org/pdf/200427.pdf](http://www.lrrb.org/pdf/200427.pdf)  
(800 kb PDF) 61 pp., \$21

*Effects of Vision Enhancement Systems (VES) on Older Drivers' Ability to Drive Safely at Night and in Inclement Weather: Visual Human Factors Analysis of In-Vehicle Head Up Display (HUD)*  
Thomas Smith  
Report no. Mn/DOT 2002-27  
[www.lrrb.org/pdf/200227.pdf](http://www.lrrb.org/pdf/200227.pdf)  
(7.8 mb PDF) 110 pp., \$26

*Evaluation Report, Volume 1: System Performance and Human Factors*  
Kathleen Harder, John Bloomfield, Benjamin Chihak, Craig Shankwitz, Max Donath  
Report no. Mn/DOT 2004-07 (Part of the Intelligent Vehicle Initiative Specialty Vehicle Field Operational Test)  
[www.lrrb.org/pdf/200407.pdf](http://www.lrrb.org/pdf/200407.pdf)  
(2.8 mb PDF) 126 pp., \$28

*Evaluation Report, Volume 2: Benefit Analysis*  
Max Donath, Mark Nelson  
Report no. Mn/DOT 2004-08 (Part of the Intelligent Vehicle Initiative Specialty Vehicle Field Operational Test)  
[www.lrrb.org/pdf/200408.pdf](http://www.lrrb.org/pdf/200408.pdf)  
(700 kb PDF) 26 pp., \$18

*GPS Based Real-Time Tire-Road Friction Coefficient Identification*  
Junmin Wang, Lee Alexander, Rajesh Rajamani  
Report no. Mn/DOT 2005-04  
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(4.1 mb PDF) 92 pp., \$24

*High Performance Spatial Visualization of Traffic Data*  
Shashi Shekhar, Chang-Tien Lu, Alan Liu  
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(3.9 mb PDF) 83 pp., \$23

*Implementation of Quality of Service (QoS) with Dynamic Resource Allocation*  
Vladimir Cherkassky, Harry Rostovtsev  
Report no. Mn/DOT 2004-34  
[www.lrrb.org/pdf/200434.pdf](http://www.lrrb.org/pdf/200434.pdf)  
(1.3 mb PDF) 68 pp., \$21

*Improving the Estimation of Travel Demand for Traffic Simulation: Part I*  
Satya Muthuswamy, David Levinson, Panos Michalopoulos, Gary Davis  
Report no. CTS 04-11, Part I  
[www.cts.umn.edu/pdf/CTS-04-11Part1.pdf](http://www.cts.umn.edu/pdf/CTS-04-11Part1.pdf)  
(4.1 mb PDF) 112 pp., \$26

*Improving the Estimation of Travel Demand for Traffic Simulation: Part II*  
Yao Wu, Gary Davis, David Levinson  
Report no. CTS 04-11, Part II  
[www.cts.umn.edu/pdf/CTS-04-11Part2.pdf](http://www.cts.umn.edu/pdf/CTS-04-11Part2.pdf)  
(3.4 mb PDF) 95 pp., \$24

*ISO 9000's Effects on Accident Reduction in the U.S. Motor Carrier Industry*  
Eitan Naveh, Alfred Marcus, Gove Allen  
Report no. Mn/DOT 2003-29  
[www.lrrb.org/pdf/200329.pdf](http://www.lrrb.org/pdf/200329.pdf)  
(563 kb PDF) 41 pp., \$19

*Measuring the Equity and Efficiency of Ramp Meters*  
David Levinson, Lei Zhang, Shantanu Das, Atif Sheikh  
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[www.lrrb.org/pdf/200437.pdf](http://www.lrrb.org/pdf/200437.pdf)  
(790 kb PDF) 102 pp., \$25

*Monitoring Driver Activities*  
Eric Wahlstrom, Osama Masoud, Nikos Papanikolopoulos  
Report no. CTS 04-05  
[www.cts.umn.edu/pdf/CTS-04-05.pdf](http://www.cts.umn.edu/pdf/CTS-04-05.pdf)  
(2.0 mb PDF) 33 pp., \$18

*Real-Time Collision Warning and Avoidance at Intersections*  
Stefan Atev, Osama Masoud, Ravi Janardan, Nikos Papanikolopoulos  
Report no. Mn/DOT 2004-45  
[www.lrrb.org/pdf/200445.pdf](http://www.lrrb.org/pdf/200445.pdf)  
(610 kb PDF) 26 pp., \$17

*Recognition of Human Activity in Metro Transit Spaces*  
Guillaume Gasser, Nathaniel Bird, Nikolaos Papanikolopoulos  
Report no. CTS 04-02  
[www.cts.umn.edu/pdf/CTS-04-02.pdf](http://www.cts.umn.edu/pdf/CTS-04-02.pdf)  
(957 kb PDF) 18 pp., \$17

*Reducing Risk Taking at Passive Railroad Crossings With Active Warnings*  
Thomas Smith  
Report no. Mn/DOT 2004-33  
[www.lrrb.org/pdf/200433.pdf](http://www.lrrb.org/pdf/200433.pdf)  
(20.3 mb PDF) 162 pp., \$31

*Review of Minnesota's Rural Intersection Crashes: Methodology for Identifying Intersections for Intersection Decision Support (IDS)*  
Howard Preston, Richard Storm, Max Donath, Craig Shankwitz  
Report no. Mn/DOT 2004-31, (No. 1 in the Series: Developing Intersection Decision Support Solutions)  
[www.lrrb.org/pdf/200431.pdf](http://www.lrrb.org/pdf/200431.pdf)  
(1.3 mb PDF) 44 pp., \$19

*Snowplow Operations and Resource Management*  
Martha Wilson, Kwasi Dadie-Amoah, Yanpeng Zhang  
Report no. CTS 04-09  
[www.cts.umn.edu/pdf/CTS-04-09.pdf](http://www.cts.umn.edu/pdf/CTS-04-09.pdf)  
(862 kb PDF) 100 pp., \$25

*System Performance and Human Factors Evaluation of the Driver Assistive System (DAS)*  
Mick Rakauskas, Nic Ward, Craig Shankwitz, Max Donath  
Report no. Mn/DOT 2004-09, (Part of the: Intelligent Vehicle Initiative Specialty Vehicle Field Operational Test)  
[www.lrrb.org/pdf/200409.pdf](http://www.lrrb.org/pdf/200409.pdf)  
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*System Performance and Human Factors Evaluation of the Driver Assistive System (DAS): Supplemental Track Test Evaluation*  
Mick Rakauskas, Nic Ward, Craig Shankwitz, Max Donath  
Report no. Mn/DOT 2004-12, (Part of the: Intelligent Vehicle Initiative Specialty Vehicle Field Operational Test)  
[www.lrrb.org/pdf/200412.pdf](http://www.lrrb.org/pdf/200412.pdf)  
(1.0 mb PDF) 200 pp., \$35

*TMC Traffic Data Automation for Mn/DOT's Traffic Monitoring Program*  
Taek Mu Kwon  
Report no. Mn/DOT 2004-29  
[www.lrrb.org/pdf/200429.pdf](http://www.lrrb.org/pdf/200429.pdf)  
(1.1 mb PDF) 71 pp., \$22

*Using ITS to Better Serve Diverse Populations*  
Frank Douma  
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[www.lrrb.org/pdf/200442.pdf](http://www.lrrb.org/pdf/200442.pdf)  
(4.9 mb PDF) 285 pp., \$43

**Transportation Infrastructure**  
*Behavior of Concrete Integral Abutment Bridges*  
Jimin Huang, Catherine French, Carol Shield  
Report no. Mn/DOT 2004-43  
[www.lrrb.org/pdf/200443.pdf](http://www.lrrb.org/pdf/200443.pdf)  
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***Best Practices for the Design and Construction of Low Volume Roads—REVISED***

Eugene Skok, David Timm, Marcus Brown, Timothy Clyne, Eddie Johnson  
Report no. Mn/DOT 2002-17REV  
[www.lrrb.org/pdf/200217REV.pdf](http://www.lrrb.org/pdf/200217REV.pdf)  
(4.7 mb PDF) 241 pp., \$39

***Developing Project Management Expertise***

Karl Smith, Connie Kampf, Lori Engstrom, Brandon Pierce  
Report no. Mn/DOT 2004-38  
[www.lrrb.org/pdf/200438.pdf](http://www.lrrb.org/pdf/200438.pdf)  
(610 kb PDF) 54 pp., \$20

***Development of Simple Asphalt Test for Determination of RAP Blending Charts***

Adam Zofka, Mihai Marasteanu, Timothy Clyne, Xinjun Li, Olivier Hoffmann  
Report no. Mn/DOT 2004-44  
[www.lrrb.org/pdf/200444.pdf](http://www.lrrb.org/pdf/200444.pdf)  
(1.5 mb PDF) 100 pp., \$25

***Fatigue Evaluation of Steel Box-Girder Pier Caps: Bridge 69832***

Clifford Youngberg, Robert Dexter, Paul Bergson  
Report no. Mn/DOT 2003-18  
[www.lrrb.org/pdf/200318.pdf](http://www.lrrb.org/pdf/200318.pdf)  
(3.2 mb PDF) 67 pp., \$22

***Inventory of Properties of Minnesota Certified Asphalt Binders***

Timothy Clyne, Mihai Marasteanu  
Report no. Mn/DOT 2004-35  
[www.lrrb.org/pdf/200435.pdf](http://www.lrrb.org/pdf/200435.pdf)  
(4.3 mb PDF) 102 pp., \$25

***Low Temperature Cracking of Asphalt Concrete Pavements***

Mihai Marasteanu, Xue Li, Timothy Clyne, Vaughan Voller, David Timm, David Newcomb  
Report no. Mn/DOT 2004-23  
[www.lrrb.org/pdf/200423.pdf](http://www.lrrb.org/pdf/200423.pdf)  
(1.8 mb PDF) 228 pp., \$38

***Mn/ROAD TDR Evaluation and Data Analysis***

Dong Wang, John Baker  
Report no. Mn/DOT 2004-15  
[www.lrrb.org/pdf/200415.pdf](http://www.lrrb.org/pdf/200415.pdf)  
(700 kb PDF) 31 pp., \$18

***Performance Testing of Experimental Dowel Bar Retrofit Designs: Part 1—Initial Testing***

Trevor Odden, Mark Snyder, Arturo Schultz  
Report no. Mn/DOT 2004-17A  
[www.lrrb.org/pdf/200417A.pdf](http://www.lrrb.org/pdf/200417A.pdf)  
(983 kb PDF) 69 pp., \$22

***Performance Testing of Experimental Dowel Bar Retrofit Designs: Part 2—Repeatability and Modified Designs***

Nicholas Popehn, Mark Snyder, Arturo Schultz  
Report no. Mn/DOT 2004-17B  
[www.lrrb.org/pdf/200417B.pdf](http://www.lrrb.org/pdf/200417B.pdf)  
(2.8 mb PDF) 108 pp., \$25

***Rapid Assessment of Distortional Stresses in Multi-Girder Steel Bridges***

Benjamin Severtson, Frederick Beukema, Arturo Schultz  
Report no. Mn/DOT 2004-48  
[www.lrrb.org/pdf/200448.pdf](http://www.lrrb.org/pdf/200448.pdf)  
(3.9 mb PDF) 134 pp., \$28

***Recycled Asphalt Pavement (RAP) Effects on Binder and Mixture Quality***

Xinjun Li, Timothy Clyne, Mihai Marasteanu  
Report no. Mn/DOT 2005-02  
[www.lrrb.org/pdf/200502.pdf](http://www.lrrb.org/pdf/200502.pdf)  
(1.3 mb PDF) 74 pp., \$22

***Refinement and Validation of the Hydraulic Fracture Test***

Rebecca Embacher, Mark Snyder  
Report no. Mn/DOT 2003-28  
[www.lrrb.org/pdf/200328.pdf](http://www.lrrb.org/pdf/200328.pdf)  
(1.3 mb PDF) 203 pp., \$35

***Screening Tool for Using Waste Materials in Paving Projects (STUWMP)***

Michael Friend, Paul Bloom, Thomas Halbach, Kim Grosenheider, Marilyn Johnson  
Report no. Mn/DOT 2005-03  
[www.lrrb.org/pdf/200503.pdf](http://www.lrrb.org/pdf/200503.pdf)  
(590 kb PDF) 36 pp., \$18

***Small Strain and Resilient Modulus Testing of Granular Soils***

Peter Davich, Joseph Labuz, Bojan Guzina, Andrew Drescher  
Report no. Mn/DOT 2004-39  
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(2.1 mb PDF) 117 pp., \$26

***Validation of Superpave Fine Aggregate Angularity Values***

Eddie Johnson, Mihai Marasteanu, Timothy Clyne, Xinjun Li  
Report no. Mn/DOT 2004-30  
[www.lrrb.org/pdf/200430.pdf](http://www.lrrb.org/pdf/200430.pdf)  
(1.1 mb PDF) 100 pp., \$25

**Transportation Planning and the Environment**

***Best Management Practices for the Invasive Phalaris arundinacea L. (Reed Canary Grass) in Wetland Restorations***

Carrie Reinhardt, Susan Galatowitsch  
Report no. Mn/DOT 2004-36  
[www.lrrb.org/pdf/200436.pdf](http://www.lrrb.org/pdf/200436.pdf)  
(1.8 mb PDF) 116 pp., \$26

***The Effects of Fire Versus Mowing on Prairie Plant Communities***

Daniel Tix, Jo Anna Heberger, Elizabeth Vaughan, Iris Charvat  
Report no. Mn/DOT 2003-20  
[www.lrrb.org/pdf/200320.pdf](http://www.lrrb.org/pdf/200320.pdf)  
(4.8 mb PDF) 62 pp., \$21

***The Effect of Novel Soil Amendments on Roadside Establishment of Cover Crop and Native Prairie Plant Species***

Samuel Gale, David Biesboer  
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[www.lrrb.org/pdf/200441.pdf](http://www.lrrb.org/pdf/200441.pdf)  
(350 kb PDF) 78 pp., \$22

***Environmental Hazard Assessment For Transportation Related Chemicals: Development of a Decision Support Tool***

Miriam Diamond, Mehran Monabbati, Josephine Archbold  
Report no. Mn/DOT 2004-14  
[www.lrrb.org/pdf/200414.pdf](http://www.lrrb.org/pdf/200414.pdf)  
(1.0 mb PDF) 152 pp., \$30

***Improving the Design of Roadside Ditches to Decrease Transportation-Related Surface Water Pollution***

David Biesboer, Jody Elfering  
Report no. Mn/DOT 2004-11  
[www.lrrb.org/pdf/200411.pdf](http://www.lrrb.org/pdf/200411.pdf)  
(1.1 mb PDF) 42 pp., \$19

***Laboratory Measurements of Stormwater Quality Improvement in Detention Ponds***

Jeffrey Weiss, Miki Hondzo  
Report no. Mn/DOT 2004-21  
[www.lrrb.org/pdf/200421.pdf](http://www.lrrb.org/pdf/200421.pdf)  
(900 kb PDF) 97 pp., \$25

***Properties and Aggregate Potential of Coarse Taconite Tailings from Five Minnesota Taconite Operations***

Larry Zanko, Julie Oreskovich, Harlan Niles  
Report no. Mn/DOT 2004-06  
[www.lrrb.org/pdf/200406.pdf](http://www.lrrb.org/pdf/200406.pdf)  
(13.5 mb PDF) 294 pp., \$44

*Scoping Study for the Development of Design Guidelines for Bioengineering in the Upper Midwest*

Omid Mohseni, Jeff Weiss, Alessandro Cantelli, Bruce Wilson

Report no. Mn/DOT 2004-47  
[www.lrrb.org/pdf/200447.pdf](http://www.lrrb.org/pdf/200447.pdf)  
(6.53 mb PDF) 120 pp., \$27

*User's Guide to Mn/DOT's Decision Support Tool for Transportation-Related Chemicals*

Mehran Monabbati  
Report no. Mn/DOT 2004-14G  
[www.lrrb.org/pdf/200414G.pdf](http://www.lrrb.org/pdf/200414G.pdf)  
(1.9 mb PDF) 31 pp., \$18

## Annual Reports

*2004 CTS Annual Report*  
[www.cts.umn.edu/publications/annualreports](http://www.cts.umn.edu/publications/annualreports)  
(7.0 mb PDF) 44 pp., \$19

*2004 ITS Institute Annual Report*  
[www.cts.umn.edu/publications/annualreports](http://www.cts.umn.edu/publications/annualreports)  
(5.6 mb PDF) 60 pp., \$21

## Proceedings

AirTAP Fall Forum  
November 13–14, 2004, St. Cloud, Minnesota  
[www.cts.umn.edu/publications/proceedings](http://www.cts.umn.edu/publications/proceedings)  
(670 kb PDF) 16 pp., \$16

*Eighth Annual Freight and Logistics Symposium*  
December 3, 2004, Minneapolis, Minnesota  
[www.cts.umn.edu/publications/proceedings](http://www.cts.umn.edu/publications/proceedings)  
(272 kb PDF) 8 pp., \$16

*Transportation in Rural America ... Challenges and Opportunities*

Third Oberstar Forum on Transportation Policy and Technology  
March 14–15, 2004, Duluth, Minnesota  
[www.cts.umn.edu/publications/proceedings](http://www.cts.umn.edu/publications/proceedings)  
(485 kb PDF) 16 pp., \$16

*Integrating Minnesota's Safety Agenda*

Toward Zero Deaths conference  
September 13–14, 2004, St. Cloud, Minnesota  
[www.cts.umn.edu/publications/proceedings](http://www.cts.umn.edu/publications/proceedings)  
(765 kb PDF) 12 pp., \$16

## Videos

### ITS Institute Seminar Series—Fall Semester 2004

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September 14  
Evacuation Planning

Qingsong Lu, Computer Science and Engineering,  
University of Minnesota—Twin Cities

September 28  
Maintaining Safe Headways While Driving  
David Shinar, Industrial Engineering and Management,  
Ben Gurion University of the Negev, Israel

October 12  
Inexpensive Attitude-Determination Systems for UAV Applications  
Demoz Gebre-Egziabher, Aerospace Engineering and Mechanics, University of Minnesota—Twin Cities

October 26  
Finding the Fountain of Youth for Snowplows and Other Fleet Assets  
David Wyrick, Mechanical and Industrial Engineering,  
University of Minnesota—Duluth

November 9  
The Minnesota Comprehensive Highway Safety Plan  
Bernie Arseneau, Minnesota Department of Transportation

November 23  
Investing in Robustness and Reliability in Transportation Networks  
David Levinson/Lei Zhang, Civil Engineering, University of Minnesota—Twin Cities

December 7  
Proactive Crash-Prevention Solutions  
John Hourdakos, Civil Engineering, University of Minnesota—Twin Cities

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A report on transportation research, education, and outreach at the University of Minnesota (monthly)

*ITS Institute Sensor*  
Research advances from the Intelligent Transportation Systems (ITS) Institute (periodic)

*Minnesota LTAP Exchange*  
A newsletter of the Minnesota Local Technical Assistance Program (quarterly)

## E-mail Newsletters

*CTS Research E-News*  
The latest announcements and findings in transportation research (monthly)

*CTS Freight & Logistics E-News*  
News and events from the community of freight and logistics professionals (quarterly)

*Community Transportation E-News*  
The latest research, published reports, and information on community transportation (quarterly)

*Minnesota LTAP Hot Topics*  
New publications and resources from various sources, plus other items of interest to local agencies (periodic)

*AirTAP Briefings*  
News and how-to information from the Airport Technical Assistance Program (AirTAP) for personnel operating, maintaining, and administering Minnesota's public-use airports (quarterly)

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## How to Obtain These Publications

This update supplements the CTS Publications Catalog published in 2004. It lists transportation-related research reports produced by faculty and researchers at the University of Minnesota and published by CTS or the Minnesota Department of Transportation (Mn/DOT) during 2004. This update also features publications, videos, and other materials produced by CTS and its affiliated programs.

Titles of publications are listed in alphabetical order under subject area. Most publications, where noted, are available in electronic format online at no charge. Publications also may be requested from CTS. A complete listing of all publications available from CTS and ordering information may be found online at:

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