

## CTS CONFERENCE PROGRAM ENCLOSED

The preliminary program and registration form for the Center's Eighth Annual Transportation Research Conference are enclosed with this *Report*. The conference will begin on May 13 with opening remarks by Director **Gerard McCullough** of CTS and Commissioner **James Denn** of the Minnesota Department of Transportation (Mn/DOT). Then, **Gerald S. Pfeffer**, senior vice president with United Infrastructure, will give the keynote speech titled "Road Pricing in the Real World." He will be followed by a panel discussion featuring **Ed Cohoon**, Mn/DOT deputy commissioner; **Tore Hoven**, project manager for toll rings in Trondheim, Norway; and **Barbara Lukermann** and **Mariia Zimmerman** of the Humphrey Institute. Also on May 13, CTS will host an exhibit session and hold its spring luncheon with Professor **Jose Gomez-Ibanez** of Harvard University, who will present "Transport Privatization: What's Working and What's Not." The conference closes on May 14 with a luncheon speech by **Gloria Jeff** of the Federal Highway Administration (FHWA) on "ISTEA II—The Challenge of Managing a 21st Century Transportation System." Details are in the conference program. For further information call **Catherine Ploetz** at (612) 626-2259.

## ORSKI DESCRIBES INNOVATIVE AUTO STRATEGIES AT CTS WINTER LUNCHEON

**C. Kenneth Orski**, director of the *International Mobility Observatory*, presented "Mobility and the Automobile in the 21st Century" at the Center's winter luncheon on February 25. The *Observatory*, a component of the Massachusetts Institute of Technology's Cooperative Mobility Research Program, has identified and documented outstanding examples of innovative mobility strategies worldwide. His speech highlighted four types of policies affecting the automobile:

- **Motorization in the developing world.** From 1970-90, total growth in motorization in many developing countries reached triple digits, such as the 440 percent increase in Mexico and 770 percent rise in Poland. The dilemma for these countries is how to allow their auto industries to prosper while preventing motorization from strangling their cities.
- **Innovative alternatives to ownership.** To respond to this dilemma, governments in developing and some developed countries are exploring innovative alternatives to car ownership. Some options Orski cited are weekend cars (Singapore), in which tax rebates are offered to purchasers who agree not to use cars during peak hours; city cars (France), which are available to subscribers at staging points throughout the city; and auto cooperatives (Switzerland and Germany), which allow people to timeshare diverse vehicles and enjoy the benefits of ownership at a lower cost.
- **Innovations in marketing.** Marketing and retailing innovations may revolutionize car buying and selling, Orski said. Examples are the no-haggling approach that allows consumers to order a vehicle from a computerized catalog, and pool leasing, where customers use different vehicle types under a mobility package lease.
- **Traffic demand management.** Measures such as downtown auto restrictions, traffic calming, and trip reduction programs have become popular, Orski said, but have offered only minimal congestion improvements and have not successfully reduced air pollution. Advanced information and communication technology opens up promising avenues for enhancing TDM, he added.

For an audiocassette of his speech or related papers by Orski on these topics, call CTS at (612) 626-1077.

## MARK YOUR CALENDARS FOR UPCOMING EVENTS; PRT PAPERS AVAILABLE

Be sure to mark your calendars for the following events.

- The Center is hosting a conference titled "Small Railroads and Economic Development: A Partnership," on June 16-17 in Minneapolis. A brochure will be mailed with the *April Report*.
- CTS will be participating in the Transportation Expo on April 29 in Minneapolis. A brochure is enclosed.
- The Minnesota Technology Transfer (T<sup>2</sup>) Program is one of several cosponsors of the Minnesota Spring Maintenance Expo being held in St. Cloud on April 9-10. Minnesota T<sup>2</sup> is also offering workshops in April on "Preventive Maintenance Techniques for Public Works" and "Asphalt Pavement Rehabilitation Techniques." Call **Bev Ringsak**, (612) 625-6689, for details.

In other news, CTS has compiled copies of 30 papers that were presented at the International Conference on Personal Rapid Transit (PRT) & Other Emerging Transportation Systems, sponsored last November by the Center's ITS Institute Program. For a list of the papers, call CTS at (612) 626-1077.

## CTS COMPLETES REPORT FOR METROPOLITAN AIRPORTS COMMISSION

The 1996 Minnesota Legislature directed the Metropolitan Airports Commission (MAC) to contract with the University for a study on air service and the economy. CTS recently completed this study, under a contract administered by **Nigel Finney**, deputy executive director of planning and environment at MAC. CTS associate director **Robert Johns** served as principal investigator and led the project, with guidance from an expert panel consisting of Professors **Fred Beier**, **Wilbur Maki**, and **Gerard McCullough** of the University and **Chauncey Case** of the Metropolitan Council. The research was conducted by **David Braslau**, president of Regional Econometrics and adjunct associate at the Humphrey Institute. McCullough presented the findings of the report to the MAC, chaired by **Pearson Grieve**, and to the State Advisory Council on Metropolitan Airport Planning, chaired by Senator **Keith Langseth** and Representative **Bernie Lieder**. The report, *Air Service and the Minnesota Economy*, presents six major findings concerning: top purchasers of air transportation; traveler expenditure impacts; air cargo; purchases by the air transportation sector; economic forecasts; and industry need for business air travel. It recommends future research on the following topics: effect of rising industry purchases of air transportation on the demand for air service; firm location in Minnesota; business associations as a major user of air transportation; role of air cargo and small packages in the service and high-technology industries; and the future impact of telecommunications and air travel in Minnesota. For a copy of the report contact CTS at (612) 626-1077.

## CTS HOSTS FIRST MINNESOTA PAVEMENT CONFERENCE

Over 250 participants gathered in St. Paul on February 27 for the first Minnesota Pavement Conference. CTS hosted the event, which was cosponsored by Minnesota T<sup>2</sup> and the Minnesota Department of Transportation. Representing the University were Civil Engineering (CE) professor **Mark Snyder**, who presented "PCC—Mixed Design Using Recycled Concrete Aggregates"; Professor **David Newcomb**, also of CE, who presented "Traffic Considerations" and moderated a session on Spring Monitoring/Restrictions/Recovery; and **Laurie McGinnis** and **Lori Graven** of CTS, who were members of the planning committee along with Snyder and Newcomb. The Minnesota Road Research Program (Mn/ROAD), a joint research effort of the University

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and other partners, was highlighted in several presentations. Other speakers represented Mn/DOT, the FHWA, consultant firms, universities, Finland, and Ontario.

## **BUREAU OF TRANSPORTATION STATISTICS EXPLORES PARTNERSHIP**

On February 26-28 three representatives of the U.S. Department of Transportation's Bureau of Transportation Statistics (BTS)—**Robert Knisely, Phil Fulton, and Bob Zarnetske**—visited Minnesota. The visit included a luncheon meeting with **James Denn, Gerard McCullough**, and others, and sessions sponsored by the Humphrey Institute and CTS on the following topics: educating transportation professionals of the future, moderated by the Humphrey Institute's **Barbara Lukermann and Mariia Zimmerman**; the potential of University/BTS research partnership, moderated by **Lee Munnich** of the Humphrey Institute and **Robert Johns**; improving transportation library services, moderated by **Bob Benke** of Mn/DOT; and making effective use of transportation data, moderated by **Abigail McKenzie** of Mn/DOT. The visit concluded with a commitment to explore a partnership where the University and Mn/DOT would work with BTS on research, library, and training projects that advance the availability of and access to data and information needed to address Mn/DOT and metropolitan planning organization (MPO) issues.

## **CENTER HOLDS POLICYMAKERS' FORUM ON LOGISTICS ISSUES**

On February 12 the Center held a special Policymakers' Forum titled "Logistics—Keeping Minnesota Competitive." The forum focused on the following four questions: (1) how are statewide and regional freight decisions made? (2) what are the costs and logistics considerations of carrier movement? (3) how do logistics serve Minnesota's economic development goals? and (4) what changes in transportation investment and transportation management are needed to enable the state to be competitive? **Gerard McCullough** gave opening remarks and **A. Scheffer Lang**, chair of the CTS Executive Committee, gave the wrap-up. In-between, the 90 participants heard a keynote address by **Donald J. Schneider**, president of Schneider National Inc., of Green Bay, and a reactor panel with Professor **Fred Beier** of the Logistics Management Research Center, Professor **Frank Dooley** of North Dakota State University, and **Roger Wigen** of 3M. The audiotape is available by calling CTS at (612) 626-1077, and a proceedings will be printed later this spring. Questions about the forum can be directed to **Gary DeCramer**, (612) 626-7331.

## **PUBLIC & PRIVATE SECTORS EXHIBIT AT CTS JOB FAIR; STUDENT JOBS ATTACHED**

The Center held its second Transportation Career Expo and Job Fair on February 26 in Minneapolis. Over 120 attendees listened to the program, which began with a general session on career preparation and "re-careering." **Cheri Trenda** of CTS moderated the general session and introduced panelists **Jonette Kreideweis**, Mn/DOT; **Bonnie Wohlberg**, Mn/DOT; **Ann Johnson**, Dunwoody Institute; **Pat Arlig**, Arlig Environmental; and **Jeffrey Westbrook**, Rollerblade, Inc. Three concurrent sessions then followed on specific areas of transportation:

- Transportation Engineering/Technical Careers  
Moderator: **Laurie McGinnis**, CTS. Panelists: **Todd Clarkowski**, Mn/DOT; **Jeff Steward**, HNTB; **Laura Amundson**, Parsons Brinkerhoff; **Diana Floten**, SEH
- Transportation Planning and Policy Careers  
Moderator: **Sam Khan**, Mn/DOT. Panelists: **Gunner Isberg**, Metropolitan Council; **Connie Kozlak**, Metropolitan Council; **Chris Heiniker**, BRW; **Jonette Kreideweis**, Mn/DOT; **Gary DeCramer**, CTS

- **Transportation Logistics Careers**

Moderator: **Mike Kern**, Northern Cargo Association. Panelists: **Jeannie Schubert**, Atlas Specialized Transport, Inc.; **Herb Buelow**, Rollerblade, Inc.; **Roger Gehrke**, Unistar Air Cargo

The event ended with a job fair featuring 18 employer exhibits. In other student news, a listing of transportation-related student jobs is attached.

## UPCOMING TRANSPORTATION AND RELATED EVENTS

To publicize an event contact **Pam Snopl**, senior editor, (612) 624-0841; fax (612) 625-6381; e-mail [snopl001@maroon.tc.umn.edu](mailto:snopl001@maroon.tc.umn.edu). For more comprehensive event information, visit the CTS Web site at <http://www.umn.edu/cts/>.

- Mar.-Apr.      1997 Structural Engineering Seminar Series, Earle Brown Center, St. Paul. Six seminars in March & April; sponsored by Civil Engineering department & PDCS. Contact **Susan Burke**, (612) 625-3530.
- Mar. 19        Women's Transportation Seminar March Luncheon Meeting, "Five Ways to Improve Your Ability to Manage Projects," Holiday Inn International, Bloomington. Call **Gina Baas**, (612) 227-1905.
- Mar. 21        Council of Logistics Management (CLM) Roundtable Seminar, "Creating Logistics Value," Doubletree Grand Hotel, Bloomington. Call **Kevin McCarthy**, (612) 937-6731.
- Mar. 27        "New Urbanism '97," Earle Brown Center, St. Paul. Sponsor: Town Planning Collaborative. Call **Vivian Hart** of Government Training Service, (612) 222-7409, or (800) 652-9719.
- Apr.-May      League of Minnesota Cities 1997 Safety and Loss Control Workshops, nine dates in nine cities throughout Minnesota. Contact **Tina Folch-Freiermuth**, (612) 215-4069.
- Apr. 7-8      Minnesota Pollution Control Agency (MCPA) Workshop, "Construction Site Erosion and Sediment Control Plan Design Workshop," Earle Brown Center, St. Paul. Call **Christine Carlstrom**, (612) 625-1520.
- Apr. 8-9      Minnesota Pollution Control Agency (MCPA) Workshop, "Construction Site Erosion and Sediment Control Plan Design Workshop," Earle Brown Center, St. Paul. Call **Christine Carlstrom**, (612) 625-1520.
- Apr. 9-10     Minnesota Spring Maintenance Research Expo, St. Cloud. Contact **Bev Ringsak**, (612) 625-6689.
- Apr. 16        "Performance Measures and Strategic Planning: Using Case Studies in Public Works," Earle Brown Center, St. Paul. Minnesota Public Works Association Satellite Videoconference, in partnership with Minnesota T<sup>2</sup>. Contact **Bev Ringsak**, (612) 625-6689.
- Apr. 16-17    MPCA Workshop, "Storm Water Quality Management Through the Use of Detention Basins," Earle Brown Center, St. Paul. Contact **Christine Carlstrom**, (612) 625-1520.
- Apr. 29        Transportation Club: Expo 97, Minneapolis Convention Center, Minneapolis. Annual Dinner, Minneapolis Hilton. Call (612) 944-8119.
- May 7-9       Minnesota Public Works Association Spring Conference, Grand View Lodge on Gull Lake, Nisswa, Minn. Contact **Dick Larson**, (218) 723-3320.
- May 13-14    CTS Eighth Annual Transportation Research Conference, Sheraton Park Place, Minneapolis. Contact **Catherine Ploetz**, (612) 626-2259.
- May 18-21    TRB 3D in Transportation Symposium & Workshop, Minneapolis/St. Paul Airport Hilton. Hosts: Mn/DOT, FHWA. Call TRB, (202) 334-2960.
- July 27-30    Local Technical Assistance Program (LTAP) Annual Conference, Duluth Entertainment Convention Center. Contact **Lori Graven**, (612) 625-9023.