

CTS REPORTS TO VICE PRESIDENT OF RESEARCH

As of July 1, 1993, the Center for Transportation Studies will report to the University's Vice President for Research, **Anne Petersen**, who is also dean of the Graduate School. Since its formation in 1987 the Center had been housed within the Institute of Technology's Department of Civil and Mineral Engineering (CME). The new reporting structure, announced by Senior Vice President and Provost **Ettore Infante**, reflects the Center's multidisciplinary mission, as defined by the Center's Executive Committee and Advisory Board.

A. SCHEFFER LANG IS NEW EXECUTIVE COMMITTEE CHAIR

Effective July 1, **A. Scheffer Lang** will chair the Center's Executive Committee, succeeding the late **Ray Lappegaard**. Lang, formerly chair of the CTS Transportation and the Economy Council, served as administrator of the Federal Railroad Administration for several years, and more recently was a vice president with Soo Line Corporation. He was deputy undersecretary for transportation research in the U.S. Commerce Department, as well as assistant to the president of the Association of American Railroads. He served as chair of the Transportation Research Board's Executive Committee in 1978, and has also been a member of the American Railway Association, Transportation Research Forum, and National Academy of Engineering Committee on Transportation. He obtained his master's and bachelor's degrees in civil engineering from the Massachusetts Institute of Technology (MIT), where he was a professor of civil engineering and head of the department's Transportation Systems Division. CTS is delighted to have someone with Lang's experience and enthusiasm assume this position.

MINNESOTANS ATTEND WINNIPEG TRADE CORRIDOR MEETING

A number of Minnesotans attended a roundtable session on June 4 in Winnipeg, one of a series of sessions titled "Regional Issues and the ISTEIA Section 6015 International Trade Corridor Study." Sponsored by the Federal Highway Administration (FHWA) and the Center for the New West, the sessions are exploring the implications of regional issues related to international trade corridors. **Gary DeCramer** of the Humphrey Institute made a session presentation on the transparent border and trade corridor policy recommendations that were developed as part of the State and Local Policy Program's "Transportation and Economic Development" project, and **Jerry Nagel** of Red River Trade Corridor, Inc., University of Minnesota-Crookston, moderated a session. Others in attendance were **Fred Corrigan** of the Minnesota Transportation Alliance, **Charles Foslien** of FHWA, and **Ron Hoffman**, **Barbara Nelson**, **Cecil Selness**, and **Nan Swift** of the Minnesota Department of Transportation (Mn/DOT). There was much discussion regarding the need for the valuable trade data contained in the CTS/Mn/DOT-sponsored project, "Freight Flows in the Upper Midwest," conducted by **David Braslau**, **Candace Campbell**, and Professor **Wilbur Maki** of the Humphrey Institute.

1994 CONFERENCE ON BEARING CAPACITY OF ROADS & AIRFIELDS

A great deal of international interest has been generated for a 1994 conference to be held in Minneapolis. The Fourth International Conference on Bearing Capacity of Roads and Airfields (BCRA) will take place July 17-21, 1994, at the Radisson South Hotel. The BCRA organizing committee, chaired by **Vincent Janoo** of the U.S.

Army Corps of Engineers and co-chaired by **Richard Sullivan** of Mn/DOT, recently met to begin the review of abstracts for the conference. Close to 200 abstracts have been received from over 30 countries, with all continents represented. Professor **Dave Newcomb** of the University and **George Cochran**, **Nelrae Succio**, and **Bob Benke** of Mn/DOT are involved in reviewing abstracts and planning the conference. Conference topics will include field surveys and interpretation of data, load and tire pressure responses, deflection measurements and other indicators, and load limits and load restrictions. Also included will be a tour of the Mn/ROAD pavement research facility near Monticello. The conference is sponsored by Mn/DOT, the FHWA, CTS, the Federal Aviation Administration, the National Research Council of Canada, and the U.S. Army Corps of Engineers Cold Regions Research and Engineering Laboratory. For more information, or if you are interested in exhibiting at this conference, contact **Lori Graven** at (612) 625-9023.

TASK FORCE TO REVIEW DUAL-TRACK AIRPORT PROCESS

CTS Director **Dick Braun** has been appointed by Governor **Arne Carlson** to chair a task force to review the dual-track airport planning process for the Twin Cities metro area. Members of the task force are Metropolitan Council Chair **Dottie Rietow**; Metropolitan Airports Commission Chair **Hugh Schilling**; Minnesota Trade and Economic Development Commissioner **Peter Gillette**; Assistant Minority Leader **Teresa Lynch** (IR-Andover), Rep. **Jean Wagenius** (DFL-Minneapolis), and Rep. **Connie Morrison** (IR-Burnsville) from the Minnesota House; and Sen. **Martha Robertson** (IR-Minnetonka) from the Minnesota Senate. The task force is to determine whether current projections of future airport traffic properly incorporate the effects of changes in the airline industry, including changes at Northwest Airlines. The task force is also to examine the feasibility of shortening the dual-track planning process.

NEW ROTATION BEGINS FOR CTS ADVISORY COMMITTEES

As of July 1, the new rotation begins for members of CTS advisory committees. At this time, one member of the Executive Committee--**Michael Ehrlichmann**, former chair of the Regional Transit Board--will end his term. Also, 12 members of the CTS Advisory Board are completing their terms: **Glen Anderson**, former representative, state of Minnesota; **Mary Anderson**, former chair, Metropolitan Council; **Douglas Carlson**, former representative, state of Minnesota; **Carolyn Cochran**, former commissioner, Metropolitan Transit Commission; **Gary DeCramer**, former senator, state of Minnesota; **Wilbur Maki**, professor, Agricultural and Applied Economics; **John Morrissey**, former senior vice president, Super Valu Stores; **Charles Nyberg**, former senior vice president, Hormel Co.; **Clarence Purfeerst**, former senator, state of Minnesota; **Gary Sauer**, president, Tiller Corporation; **J. Robert Stassen**, assistant executive director, Metropolitan Airports Commission; and **Gordon Voss**, chief administrator, Metropolitan Waste Control Commission. The Center deeply appreciates the involvement and commitment of these individuals over the past few years.

NEW CHAIRS FOR ECONOMY, EDUCATION COUNCILS

Two CTS Councils have new chairs as of July 1. **Terence Stone** is the new chair of the Transportation and the Economy Council, succeeding **A. Scheffer Lang**. Stone has been the executive director of the Region Nine Development Commission in Mankato since 1976. He also has extensive private sector experience, having co-owned Stone Brothers, Inc., an agriculture corporation. **Dennis Carlson** will chair the Transportation Education Council, succeeding **Jim Newland**, consultant and former Mn/DOT and RTB official. Carlson currently is the director of Mn/DOT's Office of State Aid, and has over 35 years of experience in the transportation field.

CENTER RESEARCH PROJECTS ANNOUNCED FOR 1993-94

The Center's 1993-94 research program, developed under the guidance of the four CTS Research Councils, has been approved by the Executive Committee. In addition to CTS-funded research, a number of other projects

were chosen for funding by the Minnesota Department of Transportation, the Regional Transit Board, the Local Road Research Board, the IVHS Institute, and Minnesota Guidestar. A complete list of projects is enclosed.

CALL FOR PAPERS FOR IVHS AMERICA MEETING

Abstracts of papers on Intelligent Vehicle/Highway Systems (IVHS) are being sought for presentation at the Fourth Annual Meeting of IVHS AMERICA, to be held April 17-20, 1994, in Atlanta. Subjects of interest include technology developments and applications, test and evaluation results, and institutional, legal, environmental, safety, and market issues. Papers should report on the significant substantive accomplishments over the past year, current activities, and trends, and must identify the intended audience. Abstracts should be 300 to 500 words and should fill no more than one typewritten page. If you are interested, submit six copies of each abstract to IVHS AMERICA by August 13, 1993. Copies of the announcement are available from CTS.

CME RESEARCHERS PARTICIPATE IN NEW JOURNAL

Professor **Yorgos Stephanedes** of Civil and Mineral Engineering is a member of the Editorial Advisory Board of a new international journal, *Transportation Research, Part C: Emerging Technologies*. The focus of the journal is high-quality, scholarly research that addresses the development, application, and implications--in the field of transportation--of emerging technologies from such fields as engineering, computer science, electronics, control systems, and telecommunications. Among the papers published this year will be one by Stephanedes and **Eil Kwon**, CTS research associate, titled "Adaptive Demand-Diversion Prediction for Integrated Control of Freeway Corridors." For a free sample copy of the new journal or for further information, contact Pergamon Press at (914) 524-9200, (914) 333-2444 (fax). The first issue was published in March.

PROFESSOR RECEIVES FUNDING FOR CONCRETE RESEARCH

Professor **Mark Snyder**, who joined the CME Department in June, has received funding to conduct research on the "Adoption of a Rapid Test for Determining Aggregate Durability in Portland Cement Concrete." The prime contract is with the University of Michigan, with subcontracts to the University of Minnesota and the University of Washington. The two-year, \$250,000 project, which will also involve **Steven Crouch**, professor and head of CME, is funded by the Michigan Department of Transportation. A paper by three other CME researchers involved in pavement research--Professor **Dave Newcomb**, **David Van Deusen**, and **Carl Lenngren**--was presented at the Second International Symposium on Nondestructive Testing of Pavements and Backcalculation of Moduli, held in Atlanta, June 23-24. The paper was titled "Characterization of Subgrade Soils at the Minnesota Road Research Project."

FACULTY PRESENT PAPERS ON ECONOMIC, ENVIRONMENTAL ISSUES

Professor **Barbara J. Kanninen** of the Humphrey Institute presented "The Economics of Alternative Transportation Modes" at the Fourth National Transportation Planning Applications Conference in Daytona Beach, Fla., on May 4. A paper by Professor **Donald V. Harper** and **Philip T. Evers** of Marketing and Logistics Management titled "Competitive Issues in Intermodal Railroad-Truck Service" was published in the spring 1993 issue of *Transportation Journal*. The study covered in the article was sponsored by CTS. Professor **Alfred Marcus** of the Carlson School of Management presented a paper cowritten by **Sue Feinberg** at the MIT International Motor Vehicle Program Annual Sponsors Meeting. The paper was titled "Impact of Environmental Pressures on New Product Development and Strategy." Professor **Jerry Fruin** of Agricultural and Applied Economics presented a refereed paper titled "Maintaining the Rural Road Infrastructure, or the Branch Line Problem Revisited," at the annual meeting of the Canadian Transportation Research Forum, held June 1-4 in Fredericton, New Brunswick.

OTHER FACULTY ACTIVITIES

P. George Benson, director of the Operations Management Center at the Carlson School of Management, has been appointed dean of the Faculty of Management at the Newark campus of Rutgers, The State University of New Jersey. The position is effective July 1, 1993. Dr. **Alexander C. Wagenaar** of the Division of Epidemiology made two presentations at the Second World Injury Conference on Injury Control, held on May 20-23 in Atlanta. His topics were "Enforcement of the Legal Minimum Drinking Age in the United States," and "Developing Safer Communities: Testing Mobilization in a Randomized Community Trial." He also presented "Recent Trends in Risk Behaviors: The Role of Alcohol" at the University of Michigan Symposium on Risk Taking, held in Ann Arbor, Mich., May 24-24.

CTS SPRING EVENTS SERIES ENDS

On June 3 CME Professor **Joe Labuz** presented the final CTS Faculty Seminar for spring quarter, titled "Cracking of Asphalt Concrete at Low Temperatures." The IVHS Institute sponsored a seminar on June 25 on "Automatic Control Methods Applied to Freeway Network Traffic," by Professor **Markos Papageorgiou** of the Technical University of Munich, Germany.

UPCOMING TRANSPORTATION EVENTS

If you wish to publicize an event, call **Pam Snopl**, Center editor, at (612) 624-0841, or fax your announcement to (612) 625-6381. For other Center information, please call (612) 626-1077.

- July 25-28 Pacific Rim TransTech Conference, Washington State Convention Center, Seattle. Sponsored by Washington state DOT, USDOT, and FHWA. Contact **James R. Buss**, (206) 753-6014.
- July 28-30 TRB 18th Annual Summer Conference on Ports, Inland Waterways, Intermodal Distribution, and International Trade, Portland Hilton Hotel, Portland, Ore. Contact **Jeffrey Fantine** or **Christina Casgar** of TRB, (202) 334-3205.
- Aug. 1-4 First National Conference on Access Management, Westin Resort Hotel, Vail, Colo. Sponsored by the TRB, FHWA, and Colorado DOT. Contact **Philip Demosthenes**, (303) 757-9844; fax (303) 757-9820.
- Aug. 15-18 National Transportation Public Affairs Workshop, Marriott City Center, Minneapolis. Sponsored by AASHTO and Mn/DOT. Contact **Mike Sobolewski**, (612) 296-4935.
- Aug. 19-20 ISTE A Bikeway Design and Planning Conference, National Sports Center, Blaine. Cosponsored by the Minnesota State Bicycle Advisory Board. Contact **Anoka-Ramsey Community College**, (612) 422-3303, or **Steve Clark Associates**, (715) 648-5519.
- Aug. 20-22 Earth Sports Expo 93, National Sports Center, Blaine. Cosponsored by the Minnesota Human Powered Vehicle Association. Call (612) 378-7717.
- Aug. 25 "Roundtable for Rails" Forum, 8:00 a.m. to 4:30 p.m., University of St. Thomas downtown campus, Minneapolis. Sponsored by Minnesota for Light Rail Transit. Contact **Bernadette Collins**, (612) 377-9662.
- Sept. 18-23 1993 International Public Works Congress and Exposition, Phoenix. Hosted by the American Public Works Association (APWA). Call APWA, (816) 472-6100.
- Sept. 20,21,22 Minnesota T² Course: "Snow and Ice Control," Sept. 20 at the Park Inn, Alexandria; Sept. 21 at the Ramada Inn, Owatonna; Sept. 22 at the Holiday Inn, Bemidji. Call **Bev Ringsak**, (612) 625-6689.