



**TRB Joint Summer Meeting
Multimodal Freight/Waterways Track
July 11-13, 2010
Minneapolis, MN**

Selected Presentations

Sunday, July 11

Tour of University of Minnesota's St. Anthony Falls Laboratory and Upper St. Anthony Falls Lock & Dam

Gina Baas, University of Minnesota, presiding

Sponsored by Committee on Inland Water Transportation (AW020)

The University of Minnesota St. Anthony Falls Laboratory is the world's only fluid-mechanics laboratory that uses a natural waterfall as its prime water source. The USACE St. Paul District operates and maintains 13 locks and dams beginning at Upper St. Anthony Falls and ending at lock and dam 10 in Guttenberg, Iowa. They are designed to achieve a 9-foot navigation channel on the Upper Mississippi.

Sunday, July 11, 2010, 3:00pm- 5:00pm, Minneapolis Marriott City Center, Ballroom 3&4

Opening Session

Robert C. Johns, U.S. Department of Transportation, presiding

Sponsored by Policy and Organization - Group (AB000)

Decision-Making in the 21st Century: What's New?

Vince Barabba, State of the USA

Report and Outlook from the Gulf Coast

Gary LaGrange, Port of New Orleans

Transitioning to a Performance-Based Federal Surface Transportation Policy

Jay Etta Hecker, Bipartisan Policy Center

Monday, July 12

Monday, July 12, 2010, 8:00am- 9:45am, Minneapolis Marriott City Center, Ballroom 4

Understanding the Contributions of Freight Corridors

Bruce Lambert, Institute for Trade and Transportation Studies, presiding

Sponsored by Committee on Ports and Channels (AW010)

Economic Contributions of the Tennessee-Tombigbee Waterway

Jerry L. Sailors, Coosa-Alabama River Improvement Association

Rail Freight Corridors

Libby Ogard

Transforming Michigan into A Global Freight Gateway

Michael H. Belzer, Wayne State University

Monday, July 12, 2010, 10:00am-11:45am, Minneapolis Marriott City Center, Ballroom 4

Freight Corridor Performance Measurement

Larry G. Bray, University of Tennessee, Knoxville, presiding

Sponsored by Committee on Inland Water Transportation (AW020)

PIANC Working Group on Performance Indicators

Bruce Lambert, Institute for Trade and Transportation Studies

Ohio River Corridor Performance Measures

Mark Robert Hammond, U.S. Army Corps of Engineers

Vessel Tracking and Lock Performance

Steven Riley, U.S. Army Corps of Engineers

Measurement Sources for Freight Performance Measures and Indicators

Amiy Varma, North Dakota State University

Monday, July 12, 2010, 12:00pm- 1:45pm, Minneapolis Marriott City Center, Ballroom 1&2

Luncheon

Speaker: Thomas Sorel, Minnesota Commissioner of Transportation

Monday, July 12, 2010, 2:00 p.m.-3:45 p.m.

Effects of Greenhouse Gas Emissions on the Global Supply Chain

J. Michael Zachary, Parsons Brinckerhoff, presiding

Sponsored by Freight Transportation Planning and Logistics Committee

The Global Supply Chain and Greenhouse Gases: a North American Perspective

Annie Protopapas, Texas Transportation Institute

Air Quality Issues at North American & European Ports

Virginia Hessenauer, Starcrest Consulting Group, LLC

Air Quality Issues at North American & European Ports

J. Michael Zachary, Parsons Brinckerhoff

Monday, July 12, 2010, 2:00pm- 3:45pm, Minneapolis Marriott City Center, Ballroom 4

The Future of Great Lakes Transportation

Richard D. Stewart, University of Wisconsin, Superior, presiding

Sponsored by Committee on Marine Environment (AW030)

An Effective Ballast Water Management Program for the Great Lakes/St. Lawrence Seaway

Craig Middlebrook, Saint Lawrence Seaway Development Corporation

A Successful Collaborative Waterfront Planning Model

Andrew McDonald, Arrowhead Regional Development Commission

Green Marine: A Bi-National Industry Partnership in Maritime Environmental Management

Ray Johnston, Chamber of Marine Commerce - Canada

Connections 2030 – Wisconsin's Long Range Transportation Plan

Sandra Beaupre, Wisconsin Department of Transportation

Monday, July 12, 2010, 4:00pm- 5:45pm, Minneapolis Marriott City Center, Ballroom 4

Externalities and Safety Issues Associated with Barge Transportation vs. Other Modes

Bruce Lambert, Institute for Trade and Transportation Studies, presiding

Sponsored by Committee on Inland Water Transportation (AW020)

Accidents and Fatalities Associated with Commercial Barge Transportation

Douglas W Scheffler, U.S. Coast Guard

Modal Comparisons of Truck, Rail, and Barge Transportation

Carl James Kruse, Texas Transportation Institute

Modal Diversion Impacts on Resident Traffic

Larry G. Bray, University of Tennessee, Knoxville

Willingness to Pay for Barge Transportation and Safety of HazMat Movements by Water

Chrisman A. Dager, University of Tennessee, Knoxville

Monday, July 12, 2010, 4:00pm- 5:45pm, Minneapolis Marriott City Center, Ballroom 3

Freight Performance Measures: Bridging Measures Between Public and Private Sectors

Joseph G. B. Bryan, Halcrow, Inc., presiding

Sponsored by Committee on Freight Transportation Planning and Logistics (AT015); Committee on Urban Freight Transportation (AT025)

Federal and state governments are increasingly looking toward performance measures to improve the functioning of the transportation system and optimizing their investment strategies. How are beneficial cargo owners and carriers using performance measures, what are applications for public sector use, and what are measures the private side believes are important for the public sector? What does the public sector look to the private sector for with regard to performance measures?

Interim Findings from NCFRP 3 Performance Measures for Freight Transportation

Gordon D. Proctor, Gordon Proctor & Associates

Experiences of the Freight Performance Measures Program

Jeffrey Bradford Short, American Transportation Research Institute

Public-Sector Perspective on Freight Performance Measures

William Gardner, Minnesota Department of Transportation

Tuesday, July 13

Tuesday, July 13, 2010, 8:00am- 9:45am, Minneapolis Marriott City Center, Ballroom 1

Strengthening the Value of the Commodity Flow Survey—Users Show the Way

Scott Drumm, Port of Portland, presiding

Sponsored by Committee on Freight Transportation Data

Users of the CFS provide input on ways to increase value and usefulness of the CFS to the user community. After two CFS data user presentations and a description of differences between the 2002 and 2007 CFS, a listening session will provide users the opportunity to identify priorities, improvements, and where maintaining the status quo is vital.

Using the CFS No. 1

Joseph G.B. Bryan, Halcrow, Inc.

Using the CFS No. 2

Catherine Theresa Lawson, State University of New York, Albany

Comparing the 2002 and the 2007 CFS

Ronald J. Duych, Bureau of Transportation Statistics

Listening to User Priorities for the CFS

Tuesday, July 13, 2010, 8:00am- 9:45am, Minneapolis Marriott City Center, Ballroom 4

State and Regional Freight Corridor Programs

Mark J. Berndt, Wilbur Smith Associates, presiding

Sponsored by Committee on Intermodal Freight Transport (AT045)

Indiana I-70 Corridor Study

Keith J. Bucklew, Indiana Department of Transportation

Minnesota's "Commerce Corridors" and "Super Haul Corridors"

John Tompkins, Minnesota Department of Transportation

Mississippi Statewide Freight Corridor Project

Robby Burt, Mississippi Department of Transportation

Ohio Maritime and Freight Corridors

Mark Locker, Ohio Department of Transportation

Tuesday, July 13, 2010, 10:00am-11:45am, Minneapolis Marriott City Center, Ballroom 4

Shipper/Carrier Needs and Perspectives on Freight Corridor Programs

Gina Baas, University of Minnesota, presiding

Sponsored by Committee on Intermodal Freight Transport (AT045)

Needs and Perspectives of Small to Medium Grain Shippers

Bruce Abbe, Midwest Shippers Association

Needs and Perspectives of a Large Shipper

Richard Calhoun, Cargill Marine and Terminal, Inc.

I-70 Corridor Truck Lanes: Shipper Perspectives

John A. Gentle, John A. Gentle & Associates, LLC

Truck Drayage Practices: Analysis of Bottlenecks and Best Practices

Frank Harder, The Tioga Group

Tuesday, July 13, 2010, 2:00pm- 3:45pm, Minneapolis Marriott City Center, Ballroom 4

Evaluating Risks Associated with Waterways Infrastructure Investment Decisions

Wesley W. Walker, US Army Corps of Engineers, presiding

Sponsored by Committee on Inland Water Transportation (AW020)

Upper Mississippi River Illinois Waterways System Navigation and Ecosystem Sustainability Program

Charles P. Spitzack, U.S. Army Corps of Engineers

Reevaluation of the Economics of Lock Improvement at the Soo

Marie T. Strum, U.S. Army Corps of Engineers

Michael K. O'Bryan, U.S. Army Corps of Engineers

Condition Based Risk Management of USACE Inland Navigation System

William A. Karaffa, U.S. Army Corps of Engineers, Pittsburgh District

Risks Analyzing Flows in Logistical Channels

William W. Wilson, North Dakota State University

Tuesday, July 13, 2010, 4:00pm- 5:45pm, Minneapolis Marriott City Center, Ballroom 4

Strategic Research Needs in Multimodal Freight

Denver D. Tolliver, Upper Great Plains Transportation Institute, presiding

Sponsored by Marine Group - Group (AW000)

Panel Discussion

Keith Hofseth, U.S. Army Corps of Engineers

Ron Hynes, Federal Railroad Administration

Rolf Schmitt, Federal Highway Administration

Teresa Adams, University of Wisconsin, Madison

David P. Simpson, David P. Simpson Consultants, LLC