

~10:00 a.m. – 11:45 a.m.~

International Trade and Transportation Committee Meeting (AT020)

Intermodal Freight Terminal Design and Operations Committee Meeting (AT050)

Inland Water Transportation Committee Meeting (AW020)

Marine Environmental Task Force Meeting (AW030T)

~Noon – 1:45 p.m.~***Chairs' Luncheon***

(by invitation)

~2:00 p.m. – 3:45 p.m.~

Ferry Transportation Committee Meeting (AP085)

Innovations in Freight Transportation Modeling Task Force Meeting (AT016T)

Military Transportation Committee Meeting (AT035)

Intermodal Freight Transport Committee Meeting (AT045)

Ports and Channels Committee Meeting (AW010)

SUNDAY~ July 9, 2006

Sessions and Meetings

**~4:00 p.m. – 6:00 p.m.~
PLENARY SESSION**

Session 1: California: A Laboratory for Addressing the TRB Critical Issues in Transportation

In this plenary session, California transportation leaders will present some of the innovative approaches being employed in California to address the TRB critical issues.

Gen Giuliano, University of Southern California, presiding

Speakers

Will Kempton, California Department of Transportation
Gary Gallegos, San Diego Association of Governments
Richard D. Steinke, Port of Long Beach (invited)

**~6:00 p.m. – 7:30 p.m.~
Reception**

The reception will include the presentation of FHWA-FTA Transportation Planning Excellence Awards.

THANK YOU!

The planning and programming for this conference is the culmination of the efforts of volunteers and staff too numerous to list ~ a reflection of the synergy of the TRB community.

TRB expresses its appreciation to all those who have contributed to the success of this conference.



*As courtesy to other attendees, please observe good mobile phone manners.
Please turn off your cell phones.*

~7:30 a.m. – 4:00 p.m.~**Poster Sessions**

Students from the METTRANS program at the University of Southern California and from California State University at Long Beach have been invited to present poster displays highlighting transportation research projects in which they have been involved. Conference participants are encouraged to view the posters and take the opportunity to meet and talk with the students.

~7:30 a.m. – 8:30 a.m.~***Continental Breakfast*****~8:00 a.m. – 9:45 a.m.~****CONCURRENT SESSIONS****Session 2A: Congestion : Market-Based Management Issues**

Our traditional sources of funding do not have the capability to pay for capital replacement, let alone expansion, of our transportation facilities. As a result, we are increasingly turning toward market-based methods of providing new capacity and managing existing capacity. While market-based solutions may be efficient and effective in a perfect world, they can fall short of desired outcomes in the real world. We confront the economists with the stakeholders in the freight industry who will give their frank assessments of the most important opportunities and threats presented by various market-based systems of capacity management.

Peter F. Swan, Pennsylvania State University, presiding

Speakers

Douglass B. Lee, Jr., Volpe National Transportation Systems Center

C. Randal Mullett, Con-way Inc.

Session 2B: Financing for the Future

The current system for financing the nation's surface transportation infrastructure is facing significant challenges. What innovative research is being undertaken to study this issue, such as the implementation of mileage-based user fees? Where do road pricing and tolling fit into this construct? What approaches are being taken by government owners of transportation infrastructure to better manage or leverage their assets in order to provide needed funding for maintenance, service improvements and new projects? What factors should be evaluated and what caveats should be considered when contemplating asset leases or sales?

Jim Bourgart, Deputy Secretary for Transportation and Infrastructure, State of California, presiding

Speakers

David Forkenbrock, University of Iowa

Daniel Dornan, AECOM Consult

Stephen Lockwood, Parsons Brinckerhoff Quade and Douglas, Inc.

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**Session 2C: How Can the U.S. Transportation System Sustain and Recover from Major Destruction?**

Are the transportation systems adequate for mass evacuations for either an approaching storm or threatened or actual terrorist attack? What needs to be done to be better prepared? What are the most critical and vulnerable components of the transportation system and what are the consequences and alternatives to loss of capacity of these elements? What is necessary to recover from the destruction of the infrastructure and to make available access for search and rescue operations? Are there military transportation technologies that can provide relief? What can be done to provide the most rapid recovery and rebuilding of the destroyed and/or damaged elements of the system? What are impediments to rapid recovery? Experiences from the recent unprecedented hurricane destruction and the 9/11 terrorist attacks and transportation security planning will provide a base to start the discussions.

Jeff Western, Wisconsin Department of Transportation, presiding

***Speakers***

Thomas F. Ewing, Argonne National Laboratory

John P. Paczkowski, The Port Authority of New York and New Jersey (invited)

CDR J. Scott Paradis, U.S. Coast Guard, Sector New Orleans

Robert R. "Bob" Chapman, Mississippi Department of Transportation

**~10:00 a.m. – 11:45 a.m.~  
CONCURRENT SESSIONS**

**Session 3A: Transforming 20th Century Transportation Institutions to Meet 21<sup>st</sup> Century Challenges**

Remarks from national leaders will trigger a broad discussion that will address questions such as: What can be done to break down the "stove piping" of modes? How can coordination be provided across government jurisdictions to assure seamless systems? How ready are current institutions to become system operators, which may require new ways of charging users? What is the future federal role, especially for national and regional facilities such as ports, given the shift of funding and authority to local and state levels? What can be done to streamline decision-making processes? What are the impacts of public/private partnerships and concessionaire involvement on the structure and composition of transportation organizations?

Robert Johns, University of Minnesota, presiding

***Speakers***

Neil Pedersen, Maryland State Highway Administration

Jeffrey F. Squires, Parsons

Paul Skouletas, PB Consult

**~10:00 a.m. – Noon~**  
**CONCURRENT SESSIONS, *Continued***

**Session 3B: Addressing Equity in Planning**

This session will address equity issues of the disadvantaged from a broad planning perspective with a specific view on freight. In the last decade the transportation industry has made large strides in addressing equity on specific projects; yet can we do more in the earlier stages, particularly the planning stages of projects at the region, the state and the national level? How equity is being addressed in specific freight studies within a region and state and how we can address these issues on a broader planning level will be discussed within this session.

Suzann Rhodes, Wilbur Smith Associates, presiding

***Speakers***

Mark Baza, Chief, Regional Planning and Goods Movement, California Department of Transportation

Caroline Marshall, Atlanta Regional Commission

**Session 3C: Infrastructure Lessons Learned: Ranking and Prioritization**

The nation built an enormous transportation infrastructure in the 20th century with replacement costs that will run into trillions of dollars, significantly exceeding available resources. The approximate cost of maintaining existing highways, bridges and transit is \$91 billion annually, \$17 billion more than we have been investing. Many agencies are turning to asset management as a systematic way of making strategic investments consistent with institutional, regulatory, financial and economic constraints. Given the enormous investment needed to maintain our aging infrastructure, how do agencies decide what to fund, whether to build new or renovate existing infrastructure? What lessons can different transportation modes learn from each other? The session will begin with brief presentations by representatives from a state department of transportation, an association of governments representing transit and multimodal interests, and the Corps of Engineers, followed by discussion that builds on the presentations with a focus on identifying: strategies used for making choices about building or upgrading infrastructure that might be adopted by other modes; how the selected strategies help address the tradeoffs between system preservation and system expansion; and between investments in different transportation modes.

Barbara Martin, Larwin Consulting, presiding

***Speakers***

Sandra Straehl, Montana Department of Transportation

Gerald Barnes, U.S. Army Corps of Engineers

Diane Eidam, San Diego Association of Governments

**~Noon – 1:00 p.m.~**  
**Box Lunch**

~2:00 p.m. – 3:45 p.m.~  
**PLENARY SESSION**

**Session 4: Alternative (Non-Highway) Ways to Move Freight: Now and in the Future**

This session will focus on the viability of alternative non-highway modes for moving freight and reducing congestion. Some of the research in this area has been funded through the Center for the Commercial Deployment of Transportation Technologies (CCDoTT), a joint academic-government department that looks at long-range solutions to transportation issues. Other ideas are being developed and pursued by individual companies.

Tom Messer, California Department of Transportation, presiding

**Topics/Speakers:**

*Moving Freight via Public Transit: FedEx and BART*, Michael Graham, FedEx

*The SAFE Freight Shuttle: A 21st Century Alternative for Container Transport*, Stephen Roop,  
Texas Transportation Institute

*Electric Cargo Conveyor (ECCO) System*, Ken James, California State University at Long Beach

*Use of Pneumatic Capsule Pipeline (PCP) to Transport Freight in Containers: Port Security and Other Implications*, Henry Liu, Freight Pipeline Company

~2:00 p.m. – 3:45 p.m.~

Freight Transportation Planning and Logistics Committee Meeting (AT015)

**~4:00 p.m. – 5:45 p.m.~**  
**PLENARY SESSION**

**Session 5: Developments in Goods Movement, Marine Transportation and Port Operations**

This session will focus on recent developments in goods movement, marine transportation and port operations. A major responsibility of the U.S. Coast Guard is to protect ports, ships, and ferries from terrorist attacks and have plans for response and recovery. The Port of Oakland recently announced the planned alliance with the Port of Sacramento, allowing Oakland to use Sacramento's port as an extension of its marine terminals. The intermodal trucking sector faces many challenges in the current security environment. U.S. Virtual Sea Border leverages the Internet and biometric technologies to better perform threat assessments of foreign interests at U.S. ports.

Jeannie Beckett, Port of Tacoma, presiding

***Topics/Speakers:***

*Protecting Ports, Ships & Ferries from Terrorist Attack*, CAPT Stephen Metruck, Sector Puget Sound, U.S. Coast Guard

*Expanding Port Capacity through Regional Port Alliances*, Wilson Lacy, Port of Oakland

*Challenges of Intermodal Trucking Operations in Southern California: PierPass, TWIC, the Environment, and Driver Shortages*, Patty Senecal, Transport Express, Inc.

*U.S. Virtual Sea Border*, Dale Ferriere, National Infrastructure Institute – Center for Infrastructure Expertise

**MONDAY~ July 10, 2006**

**Sessions and Meetings**

**~4:00 p.m. – 5:45 p.m.~**

Freight Transportation Data Committee Meeting (ABJ90)

Freight Transportation Economics and Regulation Committee Meeting (AT010)

Urban Freight Transportation Committee Meeting (AT025)

Agricultural Transportation Committee Meeting (AT030)

**~6:00 p.m. – 7:30 p.m.~**

**Listening Session on Highway Performance Monitoring System Reassessment**

<http://www.fhwa.dot.gov/policy/ohpi/hpms/hpmsreassessment.cfm>

FHWA will have an open session to hear your ideas related to the Reassessment on Monday, July 10, 6:00-7:30pm. Please attend, offer your thoughts and listen to what others have to say.

To ensure that FHWA is fulfilling its mission, the Office periodically undertakes a reassessment, in order to identify the changing needs for accurate, appropriate, and timely data related to this purpose and determine what improvements may be necessary to maintain and enhance this national highway database. The following are the Reassessment objectives:

- Improve HPMS to support customer business needs
- Incorporate efficient and appropriate quality data collection & reporting
- Maximize use of existing, future, and other data sources
- Enhance value of information to providers and customers
- Promote effective use of changing technology

**Transportation Information Needs Assessment Session (by invitation)**

To support of the Congressionally-mandated Transportation Information Need Assessment called for in SAFETEA-LU, members of Transportation Research Board committees were invited to suggest unmet or poorly met transportation information needs. A total of 144 TRB committees and their members, representing all modes and all Technical Activity Groups, offered over 600 information needs. The team synthesizing these needs will update TRB committee chairs on the synthesis of the needs, get feedback on the process, and obtain insights on the importance of data in transportation decision-making. The insights from this meeting will be incorporated into a white paper that will be released in the fall.

**~7:30 a.m. – Noon.~****Poster Sessions**

Students from the METTRANS program at the University of Southern California and from California State University at Long Beach have been invited to present poster displays highlighting transportation research projects in which they have been involved. Conference participants are encouraged to view the posters and take the opportunity to meet and talk with the students.

**~7:30 a.m. – 8:00 a.m.~*****Continental Breakfast*****~8:00 a.m. – 9:45 a.m.~****PLENARY SESSION****Session 6: Solutions to Reduce Environmental Health and Community Impacts of Goods Movement and Port Operations (Ballroom D)**

This session will focus on solutions being developed and implemented to help reduce the environmental and community impacts of goods movement and port operations. ACTA is among the transportation entities working with elected officials and community groups in Southern California to ensure that growth at the Ports of Los Angeles and Long Beach do not result in a worsening of congestion and air pollution. The railroads have launched a number of environmental initiatives in Southern California. The Ports of Los Angeles and Long Beach have various projects underway to develop, construct, and maintain sustainable container terminals by reducing environmental impacts and air pollution resulting from port operations.

Thomas Wakeman, Port Authority of New York/New Jersey, presiding

***Topics/Speakers:***

*Identifying the Conflicting Issues and Community Concerns of Increasing Goods Movement*, John Doherty, Alameda Corridor Transportation Authority

*Rail Environmental Initiatives in Southern California*, Kirk Marckwald, California Environmental Associates and Project Manager, California Air Quality Improvement Program, Association of American Railroads

*“Green” Initiatives at the Port of Los Angeles*, Ralph Appy, Port of Los Angeles

*Air Quality Solutions at the Port of Long Beach*, Luke Mahier, Parsons Brinckerhoff

***Discussant:*** Andrea Hricko, University of Southern California

TUESDAY~ July 11, 2006

Sessions and Meetings

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~10:00 a.m. – 11:45 a.m.~

**PLENARY SESSION**

**Session 7: Access North America: Expanding Gateways to the U.S. Consumer Market**

This session will focus on how terminal operators and shipping lines are looking outside the U.S. to develop facilities needed to relieve the capacity constraints anticipated at traditional U.S. container ports. These include plans for a major container terminal in Prince Rupert, a “megaport” development at Lazaro Cardenas on the west coast of Mexico; and major expansion of the Panama Canal.

Mary Brooks, Dalhousie University, presiding

***Topics/Speakers:***

*Expanding Capacity to the North: Prince Rupert, British Columbia, Paul Butcher, Canadian National Railway*

*Expanding Capacity with Asia through Mexico: Lazaro Cardenas and Manzanillo, Blake Hastings, Free Trade Alliance San Antonio*

*Expanding Capacity of the Panama Canal, Rodolfo Sabonge, Panama Canal Authority*



**~Noon – 5:00 p.m.~**  
**Optional Tours**  
**Depart from Hotel Lobby**



**Otay Mesa Border Crossing**



**Otay mesa**  
Chamber of Commerce

and

**Port of San Diego**



**Unified Port**  
*of San Diego*

**~12:45 p.m. – 3:00 p.m.~**  
**I-15 FasTrak Tour**



## **Group, Section, Committee, Sub-Committee, & Task Force Meetings**

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### **A0010 - International Activities**

Monday, July 10, 2006      6:00 PM      to      10:00 PM

### **AB000 - Policy and Organization Group**

Sunday, July 09, 2006      8:00 AM      to      11:45 AM

### **ABC00 - Section - Management and Leadership**

Monday, July 10, 2006      4:00 PM      to      5:45 PM

### **ABC10 - Strategic Management**

Tuesday, July 11, 2006      8:00 AM      to      11:45 AM

### **ABC20 - Management and Productivity**

Sunday, July 09, 2006      2:00 PM      to      3:45 PM

### **ABC30 - Performance Measurement**

Monday, July 10, 2006      NOON      to      3:45 PM

### **ABE00 - Section - Transportation Policy**

Monday, July 10, 2006      4:00 PM      to      5:45 PM

### **ABE10 - Taxation and Finance**

Monday, July 10, 2006      2:00 PM      to      5:45 PM

### **ABE20 - Transportation Economics**

Monday, July 10, 2006      NOON      to      1:45 PM

### **ABE25 - Congestion Pricing**

Tuesday, July 11, 2006      10:00 AM      to      11:45 AM

### **ABE25 (2) - Joint Subcommittee on Congestion Pricing Economics**

Sunday, July 09, 2006      2:00 PM      to      3:45 PM

### **ABE25(1) - Pricing Outreach Subcommittee**

Tuesday, July 11, 2006      8:00 AM      to      9:45 AM

### **ABE25(3) - Multi-Modal Pricing Implementation Subcommittee**

Monday, July 10, 2006      2:00 PM      to      5:45 PM

### **ABE30 - Transportation Issues in Major U.S. Cities**

Sunday, July 09, 2006      2:00 PM      to      3:45 PM

### **ABE70 - Women's Issues in Transportation**

Monday, July 10, 2006      2:00 PM      to      5:45 PM

## ***Group, Section, Committee, Sub-Committee, & Task Force Meetings***

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### **ABE80 - Native American Transportation Issues**

Monday, July 10, 2006      NOON      to      3:45 PM

### **ABE80(1) - Tribal Transportation Safety Subcommittee**

Tuesday, July 11, 2006      8:00 AM      to      9:45 AM

### **ABJ10 - National Transportation Data Requirements and Programs**

Sunday, July 09, 2006      2:00 PM      to      3:45 PM

### **ABJ30 - Urban Transportation Data and Information Systems**

Monday, July 10, 2006      NOON      to      1:45 PM

### **ABJ40 - Travel Survey Methods**

Monday, July 10, 2006      2:00 PM      to      3:45 PM

### **ABJ90 - Freight Transportation Data**

Monday, July 10, 2006      4:00 PM      to      5:45 PM

### **AD000 - Section - Transportation System Policy, Planning and Process**

Tuesday, July 11, 2006      NOON      to      1:45 PM

### **ADA00 - Section - Transportation System Policy, Planning and Process**

Monday, July 10, 2006      NOON      to      1:45 PM

### **ADA10 - Statewide Multimodal Transportation Planning**

Sunday, July 09, 2006      2:00 PM      to      3:45 PM

### **ADA20 - Metropolitan Policy, Planning, and Processes**

Tuesday, July 11, 2006      8:00 AM      to      11:45 AM

### **ADA20 (1) - MPO Research Conference Planning Committee**

Tuesday, July 11, 2006      NOON      to      1:45 PM

### **ADA30 (1) - Transportation Planning for Small and Medium-Sized Communities - Conference Planning Committee**

Tuesday, July 11, 2006      10:00 AM      to      11:45 AM

### **ADA30 - Transportation Planning for Small and Medium-Sized Communities**

Tuesday, July 11, 2006      8:00 AM      to      9:45 AM

### **ADA50 - Transportation Programming, Planning, and Systems Evaluation**

Monday, July 10, 2006      4:00 PM      to      5:45 PM

### **ADA60 - Public Involvement in Transportation**

Monday, July 10, 2006      2:00 PM      to      3:45 PM

## **Group, Section, Committee, Sub-Committee, & Task Force Meetings**

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### **ADC50(1) - Tribal Historical and Archeological Preservation in Transportation Joint Subcommittee**

Tuesday, July 11, 2006      10:00 AM    to    11:45 AM

### **ADD00 - Section - Social, Economic, and Cultural Issues**

Monday, July 10, 2006      4:00 PM    to    5:45 PM

### **ADD10 - Transportation and Economic Development**

Tuesday, July 11, 2006      8:00 AM    to    9:45 AM

### **ADD20 - Social and Economic Factors of Transportation (Joint Meeting with CIA Subcommittee)**

Tuesday, July 11, 2006      8:00 AM    to    9:45 AM

### **ADD30 - Transportation and Land Development**

Monday, July 10, 2006      2:00 PM    to    3:45 PM

### **ADD40 - Transportation and Sustainability**

Monday, July 10, 2006      NOON        to    1:45 PM

### **ADD50 - Environmental Justice in Transportation**

Monday, July 10, 2006      NOON        to    3:45 PM

### **AHB35 - High-Occupancy Vehicle Systems**

Monday, July 10, 2006      2:00 PM    to    3:45 PM

### **AHB35(1) - Joint Subcommittee on Managed Lanes**

Monday, July 10, 2006      4:00 PM    to    5:45 PM

### **AP000 - Public Transportation Group**

Monday, July 10, 2006      4:00 PM    to    5:45 PM

### **AP025 - Public Transportation Planning and Development**

Monday, July 10, 2006      NOON        to    3:45 PM

### **AP085 - Ferry Transportation**

Sunday, July 09, 2006      2:00 PM    to    3:45 PM

### **AT000 - Joint Freight Systems Group & Marine Group Executive Boards**

Monday, July 10, 2006      NOON        to    1:45 PM

### **AT010 - Freight Transportation Economics and Regulation**

Monday, July 10, 2006      4:00 PM    to    5:45 PM

### **AT015 - Freight Transportation Planning and Logistics**

Monday, July 10, 2006      2:00 PM    to    3:45 PM

**Group, Section, Committee, Sub-Committee, & Task Force Meetings**

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**AT016T - Task Force on Innovations in Freight Transportation Modeling**

Sunday, July 09, 2006 2:00 PM to 3:45 PM

**AT020 - International Trade and Transportation**

Sunday, July 09, 2006 10:00 AM to 11:45 AM

**AT025 - Urban Freight Transportation**

Monday, July 10, 2006 4:00 PM to 5:45 PM

**AT030 - Agricultural Transportation**

Monday, July 10, 2006 4:00 PM to 5:45 PM

**AT035 - Military Transportation**

Sunday, July 09, 2006 2:00 PM to 3:45 PM

**AT040 - Transportation of Hazardous Materials**

Tuesday, July 11, 2006 8:00 AM to 11:45 AM

**AT045 - Intermodal Freight Transport**

Sunday, July 09, 2006 2:00 PM to 3:45 PM

**AT050 - Intermodal Freight Terminal Design and Operations**

Sunday, July 09, 2006 10:00 AM to 11:45 AM

**AT055 - Motor Vehicle Size and Weight**

Tuesday, July 11, 2006 10:00 AM to 11:45 AM

**AT060T - Task Force on Trucking Industry Research (Part 1)**

Monday, July 10, 2006 2:00 PM to 3:45 PM

**AT060T - Task Force on Trucking Industry Research (Part 2)**

Tuesday, July 11, 2006 8:00 AM to 9:45 AM

**AW000 - Marine Group Executive Boards**

Monday, July 10, 2006 NOON to 1:45 PM

**AW010 - Ports and Channels**

Sunday, July 09, 2006 2:00 PM to 3:45 PM

**AW020 - Inland Water Transportation**

Sunday, July 09, 2006 10:00 AM to 11:45 AM

**AW030T - Marine Environmental Task Force**

Sunday, July 09, 2006 10:00 AM to 11:45 AM