TRB Welcome

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TRB Critical Transportation Infrastructure Protection Committee

Establishing the Next Generation of Surface Transportation Security
Irvine, CA

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Advisors to the Nation

The National Academies / TRB perform an unparalleled public service by bringing together committees of experts in all areas of scientific and technological endeavor. These experts serve pro bono to address critical national issues and give advice to the federal government and the public.
The Focus of TRB Security Research and Knowledge Development is ...

... All-Hazards Preparedness, Response, and Recovery
Committee’s All-Hazards Premise

The Transportation community is engaged in all-hazards research, developing new systems, processes, and technologies to improve emergency management and homeland security, generating read-to-use practical tools for responding to incidents that affect the transportation infrastructure — such as tornadoes, earthquakes, traffic accidents, and terrorist attacks.
All Hazards Security & Emergency Preparedness
Each Transportation Owner and Operator Commits to:

• Prevent incidents within its control and responsibilities, effectively protect critical assets

• Respond decisively to events that cannot be prevented, mitigate loss, and protect employees, passengers, and emergency responders

• Support response to events that impact local communities, integrating equipment and capabilities seamlessly into the total effort

• Recover from major events, taking full advantage of available resources and programs

Source: DHS Homeland Security Anti-Terrorism Training
Committee on Critical Transportation Infrastructure Protection: One of 220 TRB Standing Committees

TRANSPORTATION RESEARCH BOARD

TRANSPORTATION SYSTEM SECURITY

In light of the tragic events of September 11, 2001, enhancing the security of our transportation system is expected to be one of the highest priorities of transportation agencies. TRB and The National Academies have generated extensive information on this issue in recent years. This website brings together much of this information. Also included are links to other related websites that contain discussions of issues, actions which can be taken, guidance and training opportunities. This website, which is being sponsored by the TRB Committee on Critical Transportation Infrastructure Protection (ARE-10), will continue to be updated as more information becomes available. TRB provides a PowerPoint presentation, which is updated monthly, summarizing pre- and post-September 11 transportation security activities across all TRB divisions. If you have comments or recommendations on other items that should be included in this website, please contact Joedy Cambridge (cambridge@nas.edu).

The Training, Education, and Technology Transfer Subcommittee of the TRB Committee on Critical Transportation Infrastructure Protection maintains a website at http://www.tetsubcommittee.org, which includes information and presentations from subcommittee activities and an emergency training and education database of websites and exercises.

More than 10,000 attendees see 2,600 presentations as they participate in the 500 sessions of the Transportation Research Board Annual Meeting held every January in Washington, D.C. The 87th Annual Meeting: January 13-17, 2008.

Cooperative Research Programs

National Cooperative Highway Research Program
Transit Cooperative Research Program
Airport Cooperative Research Program
National Cooperative Freight Research Program
Hazardous Materials Cooperative Research Program
Commercial Truck and Bus Safety Synthesis Program
Selected Security Studies Topics Pre- and Post-9/11
Transportation Research Board Communications and Outreach

• TR News magazine
• Weekly newsletter
• Open calls for papers
• Open solicitations for
  - Research problems
  - Project proposals
  - IDEA proposals
  - Panel nominations
• Interactive Annual Meeting program

November-December 2000
May-June 2007

www.TRB.org

March – April 2004
May-June 2005

THE NATIONAL ACADEMIES
Advisers to the Nation on Science, Engineering, and Medicine
Go to www.TRB.org/SecurityPubs for live links to Transportation Research Board documents.
Continuous Development of Risk Management and Emergency Response Planning Guidance

2002: Guides to Vulnerability Assessment & Emergency Response Planning

2002-2003: workshops

2004-2005: publications that anticipated NIMS, NRP, and NIPP.

2007-2008: publications for balloting by AASHTO

2007 (anticipated)
A Guide to Risk Management of Multimodal Transportation Infrastructure
(NCHRP Project 20-59(17))

2008 (anticipated)
A Guide to Emergency Response Planning at State Transportation Agencies
(NCHRP Project 20-59(23))
Security Meeting Objectives

• Establish Future Directions of Surface Transportation Security

• Outreach and Enhance Security Partnerships

• Identify Security Gaps for Research

• Identify Transportation Funding Strategies
  • Security Research
  • Mitigation of Transportation Vulnerabilities

• Identify security topics for discussion and presentation at future TRB supported sessions
Monday Evening Activity

5:00 – 8:00 p.m. Dinner Meeting of the ABE40 TRB Committee
Critical Transportation Infrastructure Protection

(Jeff Western presiding)