

Improving Security and Reducing Vulnerabilities in Transportation

Summit Breakout Panel 17



Dr. Frances L. Edwards
Deputy Director
MTI's NTSCOE
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Mineta Transportation Institute History



- Created by Congress in 1991
- Named for our founder, U.S. Secretary of Transportation Norman Y. Mineta (2001-2006)
- National Transportation Security Center and a Center of Excellence specializing in policy studies related to surface transportation
- www.transweb.sjsu.edu

Graduate Programs

Graduate education offered through relationship with College of Business, San Jose State University



- Master of Science in Transportation Management
- Certificate in Transportation Management
- Certificate in Transportation Security

Emergency Planning, Training & Exercises

- ICS/SEMS/NIMS training and plan analysis for transportation agencies
- Emergency plan writing for transportation agencies and universities
- COOP/COG development for transportation agencies
- Full-scale exercises

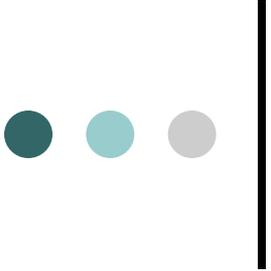


Dangerous Goods Study



Tanker Accident
Oakland CA 2007

- After tanker accident, Caltrans hired MTI to study dangerous goods transport over roadways
 - Study possible terrorist weaponization of hazardous materials shipments
- Assembled expert team of RAs with international, federal and state/local operational experience



Dangerous Goods Study (cont.)

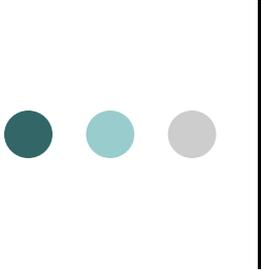
- Surveyed best practices for motor carrier tracking, communications systems, federal programs in development, state/local interface
- Analyzed unique position of truck transport in interstate commerce
- Developed lessons learned and recommendations list
- Completed report, including recommendations that Caltrans is implementing

Terrorists & Transportation



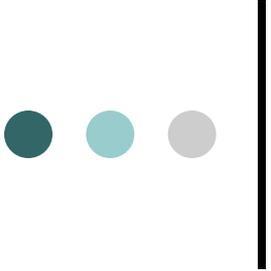
Computer-compatible chronology of terrorist attacks created by Brian Michael Jenkins, Director, MTI NTSCOE

- Data point normalized, trend analysis capable litany of every reported transportation-related terrorist attack since 1920
- Currently available on request to MTI from credentialed researchers



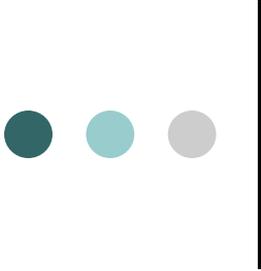
Terrorists & Transportation

- 16 detailed case studies of every major transportation-related terrorist attack world-wide since 1990
- 14 more in process
- Our approach:
 - Review all available public documents on the event
 - Where possible, visit the scene to evaluate the facts and circumstances



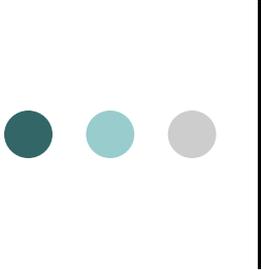
Terrorists & Transportation (cont.)

- Our approach (cont.)
 - Interview key first responders and government officials responsible for prevention, planning, response, and recovery
 - Examine policies and practices in place before the attack, the response to the event, and recovery efforts
 - Create it on a common format to allow easy comparison among case studies



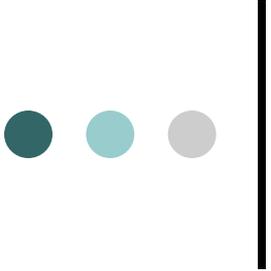
Terrorists & Transportation (cont.)

- Disseminate case study results
 - Publish peer-reviewed case studies
 - Distribute free publications through transweb.sjsu.edu as PDFs or hard copy
 - Hold transportation security summits to highlight findings and best practices
 - Summaries and presentations available at www.transweb.sjsu.edu
 - Hold workshops and presentations for AASHTO, APTA, TRB, US DOT and others



Security Publications

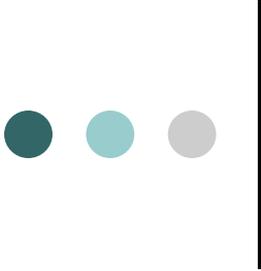
- U.S. Surface Transportation Terrorism Timeline (1920 - Present)
- 9 Norman Y. Mineta National Security Summits co-sponsored by AASHTO, APTA, AAR, DHS, DOT, Amtrak and others
- www.transweb.sjsu.edu/MTIportal/research/publications.html



Security Publications (cont.)

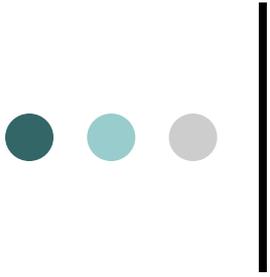
○ Security Research Reports

- “Selective Screening of Rail Passengers” – 11/07
- “Designing and Operating Safe and Secure Transit Systems: Assessing Current Practices in the United States and Abroad” – 11/05
- “Saving City Lifelines: Lessons Learned in the 9-11 Terrorist Attacks” – 09/03
- “Protecting Public Surface Transportation Against Terrorism and Serious Crime: Continuing Research on Best Security Practices” – 10/01
- “Terrorism Overview” – 10/01
- “Protecting Surface Transportation Systems and Patrons from Terrorist Activities” – 12/97



MTI Research Areas

- Safety and security of transportation systems
- Financing public and private sector transportation improvements
- Transportation, land use, the environment, and the economy interrelationships
- Transportation planning and policy development
- Intermodal connectivity and integration
- Sustainability of transportation systems
- Labor and workforce issues
- Transportation decision-making and consensus building



Questions?

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