



Transit Resource Guide

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Terrorism and Public Transportation

This *Resource Guide* has been compiled in response to the heinous terrorist attacks on New York City and Washington DC on September 11, 2001. It identifies documents available on the Internet that may be of use to public transportation systems preparing to defend against further acts of terrorism. Please send information on additional resources to info@apta.com

Transit Cooperative Research Program Reports

Emergency Preparedness for Transit Terrorism. Annabelle Boyd & John P. Sullivan, 1997.

Provides information on the current practice of transit agencies to prevent and respond to terrorism and acts of extreme violence. Includes survey results of 42 police and security departments, plus site visits and phone interviews.

Source: TCRP Synthesis of Transit Practice 27, Transportation Research Board, National Research Council.

Location: <http://nationalacademies.org/trb/publications/tcrp/tsyn27.pdf>

Improving Transit Security Jerome A. Needle & Renee M. Cobb, 1997.

Identifies violence prevention and control practices deemed successful by transit agency professionals. Includes data from survey questionnaire and field interviews.

Source: TCRP Synthesis of Transit Practice 21, Transportation Research Board, National Research Council.

Location <http://nationalacademies.org/trb/publications/tcrp/tsyn21.pdf>

Guidelines for the Effective Use of Uniformed Transit Police and Security Personnel Final Report
Interactive Elements Incorporated, May 1997

Uniformed deployment tactics designed to address transit-specific police and security problems and potential solutions are identified through surveys, interviews and field research at transit sites.

Source: TCRP Web Document 15 (Project F-6) Transportation Research Board, National Research Council.

Location: http://nationalacademies.org/trb/publications/tcrp/tcrp_webdoc_15-a.pdf

Electronic Surveillance Technology on Transit Vehicles Patricia Maier & Jud Malone, 2001.

The technology for use in surveillance strategies on board vehicles is still emerging. Reports on types of equipment available, distribution of equipment throughout transit agencies, benefits, and potential financial, legal, and mechanical issues.

Source: TCRP Synthesis of Transit Practice 38, Transportation Research Board, National Research Council.

Location <http://nationalacademies.org/trb/publications/tcrp/tsyn38.pdf>

Other Resources

Saving City Lifelines: Lessons Learned in the 9-11 Terrorist Attacks. Brian M. Jenkins & Frances Edwards-Winslow, September 2003.

Sheds light on the key role played by New York and Washington DC transit agencies and emergency responders, the "unsung heroes", in the aftermath of the 9-11-2001 attacks. Draws lessons learned from interviews and reports completed after the events.

Source: Mineta Transportation Institute, San Jose State University

Location: <http://www.transweb.sjsu.edu/publications/Sept11.pdf>

Transit Industry Prepares for Anniversary of Sept. 11 with Increased Security. *Passenger Transport* . September 9, 2002.

Reports on the enhancements North American public transportation agencies have made to security and emergency preparedness in the year since September 11th, 2001, with special focus on areas such as conducting threat assessments, controlling access to facilities, and increased training.

Source: *Passenger Transport* published by the American Public Transportation Association

Location: http://www.apta.com/research/info/briefings/documents/sept_11_one_year_later.html

Transit Threat Level Response Recommendations FTA, Office of Safety and Security.

Provides the FTA's guidance to the U.S. transit industry in responding to the various Office of Homeland Security threat level designations in the form of 128 recommended transit protective measures distributed over 8 threat levels.

Source: Federal Transit Administration

Location: <http://transit-safety.volpe.dot.gov/security/SecurityInitiatives/ThreatLevel/default.asp>

Standard Protocols for Managing Security Incidents Involving Surface Transit Vehicles. FTA, Office of Safety and Security. 2002.

Protocols are mainly focused on the transit operator and address inspection for explosives and hazardous substances, and response to a verified or highly suspicious event.

Source: Federal Transit Administration

Location: <http://transit-safety.volpe.dot.gov/Publications/security/FTAStandards.pdf>

Security Concerns Attract Operators to Advances in Video Surveillance. Joey Campbell, *Metro Magazine* February/March 2002.

Describes the evolution of video surveillance in transit and outlines the advantages of digital technology in video surveillance systems. Provides a summary of the product offerings of six companies that provide mobile video surveillance equipment.

Source: *Metro Magazine*, February/March 2002

Location: http://www.metro-magazine.com/t_featpick.cfm?id=90503364

Control of Public Space. Peter Whent, May 1999.

Presents a safety and security strategy entitled Control of Public Space as utilized throughout the railway networks of England, Scotland and Wales, including the London Underground.

Source: APTA 1999 Rapid Transit Conference Proceedings Paper.

Location: <http://www.apta.com/research/info/briefings/documents/whent.pdf>

The Use of Technology in Preparing Subway Systems for Chemical/Biological Terrorism. Anthony J. Policastro & Susanna P. Gordon, May 1999.

Describes technologies that can be put into place in a subway system in an attempt to save lives in case of an incident of biological or chemical terrorism.

Source: APTA 1999 Rapid Transit Conference Proceedings Paper.

Location: <http://www.apta.com/research/info/briefings/documents/policastro.pdf>

Protecting Surface Transportation Systems and Patrons from Terrorist Activities. Brian M. Jenkins, December 1997

Comprises a chronology of attacks on US surface transportation systems; four case studies of transportation security measures (in Paris, Atlanta, New York, and at Amtrak); security surveys of nine additional US cities; and an annotated bibliography of resources. (263 pages)

Source: Mineta International Institute for Surface Transportation Policy Studies

Location: <http://transweb.sjsu.edu/publications/terrorism/terrorism.pdf>

Protecting Surface Transportation Against Terrorism and Serious Crime: Continuing Research on Best Security Practices. Brian M. Jenkins & Larry N. Gersten, September 2001

Updates and expands the 1997 publication above with new case studies from the London Underground and bus system's response to the IRA terrorist campaign and Tokyo subway's response to the Sarin attack by the Aum cult. (114 pages)

Source: Mineta International Institute for Surface Transportation Policy Studies

Location: http://www.transweb.sjsu.edu/publications/terrorism_final.pdf

Vulnerability Assessment of the Transportation Infrastructure Relying on Global Positioning System Final Report John A. Volpe National Transportation Systems Center, August 2001

Assesses the ways users might be affected by a short- or long-term GPS outage. Recommends steps the user community might take to minimize the impact of such outages.

Source: U.S. Department of Transportation

Location: <http://www.navcen.uscg.gov/archive/2001/Oct/FinalReport-v4.6.pdf>