Safety and Security

Report 233

Strategies for Deterring Trespassing on Rail Transit and Commuter Rail Rights-of-Way, Volume 2: Research Overview

This report provides guidance on strategies to deter trespassing on rail transit and commuter rail exclusive and semi-exclusive rights-of-way, including within station areas outside designated pedestrian crossings.

Report 180

Policing and Security Practices for Small-and-Medium-Sized Public Transit Systems

This report explores the current state of practice and identifies and responds to the specific challenges and issues associated with the security of small-and medium-sized transit agencies. It follows the five stages of protection activity (prevention, mitigation, preparedness, response, and recovery) by providing baseline options and identifying potential security countermeasures that could be deployed by both of these sizes of transit agencies.

Report 175

Guidebook on Pedestrian Crossing of Public Transit Rail Services

This report presents a wide array of engineering treatments designed to help improve pedestrian safety for three types of public transit rail services: light rail, commuter rail, and streetcar.

Synthesis 126

Successful Practices and Training Initiatives to Reduce Bus Accidents and Incidents at Transit Agencies

This report documents current practices and training initiatives, including bus operator training and retraining programs that have been effective in reducing accidents and incidents at transit agencies. The study also focuses on other system approaches that have been implemented to address safety hazards. These approaches include various technology applications, infrastructure modifications, and programs and initiatives such as driver incentive programs and close call/near miss reporting.

Synthesis 123

Onboard Camera Applications for Buses

This report explores the current technologies, research, and opportunities for use. It also provides examples of how surveillance systems are used to improve operations, safety, security, training, and customer satisfaction.

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