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Bus Transit Operations

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Transit Challenges. Practical Solutions.

- Report 196**
Private Transit: Existing Services and Emerging Directions

This report provides information about private transit services and ways they are addressing transportation needs in a variety of operating environments. The document provides an overview and taxonomy of private transit services in the United States, a review of their present scope and operating characteristics, and a discussion of ways they may affect the communities in which they operate along with several case studies and other supporting information.
- Report 195**
Broadening Understanding of the Interplay Between Public Transit, Shared Mobility, and Personal Automobiles

This report explores how shared modes—and ridesourcing companies in particular—interact with the use of public transit and personal automobiles.
- Report 193**
Tools and Strategies for Eliminating Assaults against Transit Operators, Volume 1: Research Overview; Volume 2: User Guide

This report provides the materials and methodology used to produce potential countermeasures and strategies to prevent or mitigate assaults against transit operators. It also documents the materials used to develop Volume 2: User Guide. The User Guide includes an operator assault risk management toolbox developed to support transit agencies in their efforts to prevent, mitigate, and respond to assaults against operators. The User Guide also provides transit agencies with guidance in the use and deployment of the vulnerability self-assessment tool and the route-based risk calculator and includes supportive checklists, guidelines, and methodologies.
- Report 188**
Shared Mobility and the Transformation of Public Transit

This report examines the relationship of public transportation (including paratransit and demand-responsive services) to shared modes, including bikesharing, carsharing, microtransit, and ridesourcing services provided by companies such as Uber and Lyft. Additionally, it examines issues and explores opportunities and challenges as they relate to technology-enabled mobility services, including suggesting ways that transit can learn from, build upon, and interface with these new modes.
- Synthesis 136**
Contracting Fixed-Route Bus Transit Service

This report captures the state of the practice among agencies of different sizes, geographic locations, and modes and evaluates the opportunities for and challenges of conducting surveys in an era of emerging technologies.
- Synthesis 132**
Public Transit and Bikesharing

This report explores cooperative transit and bikesharing relationships and documents the experiences of transit systems with bikesharing as a mode. An increasing number of transit agencies have developed cooperative arrangements with bikesharing programs to strengthen the relationship between the modes. The implementation and integration of bikesharing programs can sometimes present challenges to transit agencies. The synthesis identifies the current state of the practice, including challenges, lessons learned, and gaps in information.

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