TCRP Day
9.21.2023
Transit Challenges. Practical Solutions.

Report 192

Decision-Making Toolbox to Plan and Manage Park-and-Ride Facilities for Public Transportation: Guidebook on Planning and Managing Park-and-Ride

This report provides approaches to managing park-and-ride facilities, from developing the park-and-ride concept for a community to day-to-day management. Key themes include design, implementation, operations, and maintenance of these facilities.

Report 190

Guide to Value Capture Financing for Public Transportation Projects

This report identifies the requirements necessary for successful value creation through transportation infrastructure investment and capturing a portion of that value through specific value capture mechanisms. It includes six case studies that provide practical examples of successful value capture from public transportation investments.

Report 189

Manual to Improve Rail Transit Safety at Platform/Vehicle and Platform/Guideway Interfaces

This report provides treatment strategies to prevent incidents and improve safety at platform/guideway and platform/vehicle interfaces. The research focused on rail transit systems with level or near level boarding where the vehicle floors are level or near level with the platform.

Synthesis 125

Multiagency Electronic Payment Fare Systems

This report describes the current practice, challenges, and benefits of utilizing electronic fare payment systems (EFPS), such as smart cards. The synthesis reviews current systems and identifies their major challenges and benefits; describes the use of electronic fare systems in multimodal, multiagency environments; and reviews next-generation approaches through existing implementation case examples.

Synthesis 114

Critical Incident Management and Clearance Practices for Rail Transit

This report summarizes the current state of the practice regarding incident response and identifies strategies for post-incident evaluations. It documents the major issues faced by agencies in responding effectively and in identifying successful strategies, and how post-incident evaluation affects response to the next incident. The synthesis can aid rail transit agencies in identifying solutions that work in the real world and also in providing a concise guide for communities and their responders.

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