

Most Popular
TCRP Publications
Focused on:

TCRP
6.13.2019 DAY
Transit Challenges. Practical Solutions.

Bus Transit Technology

- 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 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.
- Report 132**
Assessment of Hybrid-Electric Transit Bus Technology
This report explores decision-making guidelines coupled with a comprehensive life cycle cost model designed to assist transit managers in evaluating, selecting, and implementing hybrid-electric technology options for transit buses.
- Synthesis 130**
Battery Electric Buses
This report documents current practices of transit systems in the planning, procurement, infrastructure installation, operation, and maintenance of battery electric buses (BEBs). The synthesis is intended for transit agencies that are interested in understanding the potential benefits and challenges associated with the introduction and operation of battery electric buses. The synthesis will also be valuable to manufacturers trying to better meet the needs of their customers and to federal, state, and local funding agencies and policy makers.
- Synthesis 104**
Use of Electronic Passenger Information Signage in Transit
This report documents U.S. and international use of electronic passenger information signage in terms of the underlying technology, sign technology, characteristics of the information, resources required, and decision processes used to determine its use.

Visit
trb.org/tcrp
to download these
publications and to
search for others.