



TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Transit Innovations

TRB's involvement in research on Transit Innovations from 2017-2019

The [Transportation Research Board \(TRB\)](#) provides innovative, research-based solutions to improve how we move. TRB is part of the National Academies of Sciences, Engineering, and Medicine, an independent, non-profit institution that provides objective advice on scientific, engineering, and medical issues.

A resource to the nation and to the transportation community worldwide, TRB provides an extensive portfolio of services:

- Opportunities for information exchange on current transportation research and practice
- Management of cooperative research and other research programs
- Analyses of national transportation policy issues and guidance on federal and other research programs
- Publications and access to research information from around the world

TRB Research

TRID – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation

- Click here to view [search results](#) on TRB published research on Transit Innovations within the past two years.

Specialty Report

- [Critical Issues in Transportation 2018](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Synthesis 89](#) - Clean Vehicles, Fuels, and Practices for Airport Private Ground Transportation Providers
- [Letter Reports](#)
 - [Transit Research Analysis Committee](#) - Letter Report: February 27, 2018
 - [Transit Research Analysis Committee](#) - Letter Report: June 5, 2017
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 861](#) - Best Practices in Rural Regional Mobility
 - [Web-Only Document 239](#) - Impacts of Laws and Regulations on CV and AV Technology Introduction in Transit Operations
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [IDEA Report 83](#) - Track Circuit Monitoring Tool: Standardization and Deployment at Chicago Transit Authority
 - [IDEA Report 82](#) - Active Safety-Collision Warning Pilot in Washington State
 - [IDEA Report 80](#) - Enhancing Safety and Security of Transit Systems using Computer Vision
 - [Report 199](#) - Transit Technical Training, Volume 1: Guide to Applying Best Practices and Sharing Resources
 - [Report 199](#) - Transit Technical Training, Volume 2: Guide to Overcoming Barriers to Implementing Best and Innovative Training

Current & Upcoming Projects

- [Current Projects](#)
 - [NCHRP 20-65/Task 73](#) - Best Practices and Marketing to Increase Rural Transit Ridership and Investment
 - [NCHRP 20-112](#) - A Research Roadmap for Transportation and Public Health
 - [TCRP Synthesis J-07/Topic SA-44](#) - Comprehensive Bus Network Redesign
 - [Transit IDEA J-04/IDEA 84](#) - Development of a Mass-Based Automated Passenger Counter
 - [Transit IDEA J-04/IDEA 85](#) - Location Aware Networks Optimizing Use of Transit
 - [Transit IDEA J-04/IDEA 86](#) - Advanced Neutral Temperature Estimation Using Solitary Waves (ANTEUSW)
 - [Transit IDEA J-04/IDEA 87](#) - Development of pathNav: A Pedestrian Navigation Tool that Utilizes Smart Data for Improved Accessibility and Walkability
 - [Transit IDEA J-04/IDEA 88](#) - Evaluation of an Automatic, Individual, Computer-Based Operator Education and Training Program
 - [Transit IDEA J-04/IDEA 89 \[Active \(IDEA\)\]](#) - Dynamic Vehicle to Infrastructure TCIP Communications Laboratory Proof of Concept

- [Transit IDEA J-04/IDEA 90](#) - sUAS-Based GeoINTEL for Commuter Rail Parking in Rural and Suburban Areas
- [Transit IDEA J-04/IDEA 91](#) - Comprehensive Wayfinding for All (CWall)
- [Upcoming Projects](#)
 - [NCHRP 20-65/Task 81](#) - Best Practices in Rural Service Assessment

Reports from the [National Academies Press](#) on Transit Innovations

- [The Power of Change - Innovation for Development and Deployment of Increasingly Clean Electric Power Technologies](#)

Committees & Panels

[Sign-up to be a committee "Friend"](#)

[TRB Standing Committees](#) – Search by transportation mode and committee topic

- [AP020](#) - Emerging and Innovative Public Transport and Technologies

Policy Studies

- [B0085](#) - Transit Research Analysis Committee (TRAC)

Councils

- [A0040T](#) – Young Member Council

Recent and Upcoming Events

[Upcoming Conferences](#)- Left hand menu “upcoming conferences by topic”
(Conferences cosponsored by TRB are denoted with an asterisk.)

[14th National Light Rail and Streetcar Conference*](#)

April 7-9, 2019

Jersey City, New Jersey

[Innovations in Freight Data Workshop](#)

April 9-10, 2019

Irvine, California

[International Conference on Demand Responsive and Innovative Transportation Services](#)

April 15-17, 2019

Baltimore, Maryland

[9th International Visualization in Transportation Symposium: Visualization in Action](#)

November, 5-6, 2019

Washington, DC

[First International Conference on 3D Printing and Transportation](#)

November 20-21, 2019

Washington, DC

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

[Past Webinars](#)

- [Passenger Transportation](#)
- [Public Transportation](#)

TRB’s Transportation Research Information Services (TRIS)

TRIS includes the [TRB Library](#) and the [TRIS Databases](#) (listed below) which are available free on TRB’s website.

The TRB Library provides information services to TRB staff, sponsors, TRB Committee members and panels and researchers. Access to the TRB Library is a benefit to TRB sponsors and TRB committee members.

In cooperation with your State DOT Library or Information Service, the TRB Library provides:

- Reference and research assistance
- Literature searches
- Articles for TRB Committee work

The TRB Library provides training on effective and efficient use of the following TRIS resources:

TRID – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation - trid.trb.org

Practice Ready Papers (PRP) Database - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - prp.trb.org

Publications Index (PubsIndex) Database – The papers, articles and reports published by the Transportation Research Board, Highway Research Board, Strategic Highway Research Programs or the Marine Board - pubsindex.trb.org

Research in Progress (RiP) Database – Current or recently completed transportation research projects - rip.trb.org

Research Needs Statements (RNS) – Research needs as identified by TRB Technical Activities standing committees - rns.trb.org

Snap Searches - Formerly called 'Overview Guides,' Snap Searches provide a succinct summary of activities in TRB on a given topic including: upcoming events such as conferences and webinars; names of Committees working on relevant issues; and a list of recent reports from TRB and The National Academies - www.trb.org/InformationServices/Snap.aspx

Contact the Library at TRBLibrary@nas.edu or 1 (202) 334-2989