

The National Academies of
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TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Research

TRB's involvement in research on Research from 2017-2018

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 Research Activities within the past year.

Subject Webpage

- [Research Activities at TRB](#)

Recent Reports & Publications

- [Long-Term Pavement Performance and Long-Term Bridge Performance Committees Joint Letter Report: March 14, 2017](#)
- [Motor Carrier Safety Research Analysis Committee Letter Report: March 13, 2017](#)
- [Research and Technology Coordinating Committee Letter Report: March 28, 2017](#)
- [TRB and Resilience: A Summary of Transportation Research Board Activities](#)
- [TRB Security, Emergency Management, and Infrastructure Protection Research Status Report](#)
- [Transit Research Analysis Committee Letter Report: June 5, 2017](#)
- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Impacts on Practice](#) - Integrating Airport Research and Decision-making: A Case Study
 - [Impacts on Practice](#) - ACRP and Higher Education: Building the Next Generation of Airport Professionals
 - [Research Results Digest 26](#) - Synthesis of Information Related to Airport Practices: 2017
 - [Research Results Digest 25](#) - Graduate Research Award Program on Public-Sector Aviation Issues Update: 2008–2017
 - [WebResource 2](#) - Airport Passenger Terminal Design Library
- [National Cooperative Freight Research Program \(NCFRP\)](#)
 - [Research Report 37](#) - Using Commodity Flow Survey Microdata and Other Establishment Data to Estimate the Generation of Freight, Freight Trips, and Service Trips: Guidebook
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Brochure](#) - Connected and Automated Vehicles: NCHRP Support for Transportation Agency Leaders
 - [Brochure](#) - NCHRP: Supporting Transportation Agency Leaders
 - [IDEA 184](#) - Synthetic Household Travel Data Using Consumer and Mobile Phone Data
 - [IDEA 181](#) - Development of Small Specimen Geometry for Asphalt Mixture Performance Testing
 - [IDEA 175](#) - Rapid Detection of Fatigue Cracking in Steel Anchor Rods Using the Impulse Response Method
 - [Ready Results](#) - Improving Cost Estimates for Preconstruction Services
 - [Research Results Digest 401](#) - Continuing Project to Synthesize Information on Highway Problems: 2017
 - [Research Topic Highlight](#) - NCHRP Practice-Ready Solutions for Warm Mix Asphalt
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Research Results Digest 114](#) - Synthesis of Information Related to Transit Practices: 2018
 - [Research Results Digest 113](#) - Synthesis of Information Related to Transit Practices: 2017

- [Transportation Research Circulars](#)
 - [E-Circular 226](#) – Transportation System Resilience: Preparation, Recovery, and Adaptation
 - [E-Circular 225](#) – Research Issues in Freight Transportation
 - [E-Circular 222](#) – Automated Vehicles Symposium 2016
 - [E-Circular 221](#) – SHRP 2 Safety Data Student Paper Competition, 2015–2016
 - [E-Circular 219](#) – The U.S. Department of Transportation’s Smart City Challenge and the Federal Transit Administration’s Mobility on Demand Sandbox: Advancing Multimodal Mobility and Best Practices Workshop
 - [E-Circular 218](#) – Advancing Freeway Operations Through Strategic Research
- [Transportation Research Record: Journal of the Transportation Research Board](#)
 - [Volume 2663](#) - Crash Heterogeneity-Implications for Naturalistic Driving Studies and for Understanding Crash Risks
 - [Volume 2653](#) - Closing the Induced Vehicle Travel Gap Between Research and Practice
 - [Volume 2653](#) - Taxonomy of Shared Autonomous Vehicle Fleet Management Problems to Inform Future Transportation Mobility
 - [Volume 2614](#) - Research & Education

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 11-02/Task 29](#) - Research Roadmap in the Area of Airport Operations and Maintenance
 - [ACRP 11-04](#) - Graduate Research Award Program on Public-Sector Aviation Issues
 - [NCFRP 48](#) - Freight Research to Support MAP-21 Implementation
 - [NCHRP 08-110](#) - Traffic Forecasting Accuracy Assessment Research
 - [NCHRP 08-36C](#) - Research for the AASHTO Standing Committee on Planning
 - [NCHRP 20-07](#) - Research for AASHTO Standing Committee on Highways
 - [NCHRP 20-105B](#) - Development of Course Outlines for Ahead of the Curve Training Program: Mastering the Management of Transportation Research
 - [NCHRP 20-109](#) - Enhancement of the Transportation Research Thesaurus
 - [NCHRP 20-110](#) - A Guide to Ensure Access to the Publications and Data of Federally Funded Transportation-Related Research
 - [NCHRP 20-112](#) - A Research Roadmap for Transportation and Public Health
 - [NCHRP 20-114](#) - Multimodal Freight Transportation Research Roadmap
 - [NCHRP 20-24B](#) - Research Supporting the NCHRP Project Panel on Administration of Highway and Transportation Agencies
 - [NCHRP 20-44](#) - Moving Research into Practice
 - [NCHRP 20-59](#) - Surface Transportation Security and Resilience Research
 - [NCHRP 20-59\(51C\)](#) - Research Support for Implementing Security, Emergency Management, and Infrastructure Protection at State Transportation Agencies
 - [NCHRP 20-59\(54\)](#) - Transportation System Resilience: Research Roadmap and White Papers
 - [NCHRP 20-63B](#) - Performance Measurement Tool Box and Reporting System for Research Programs and Projects
 - [NCHRP 20-65](#) - Research for the AASHTO Standing Committee on Public Transportation
 - [NCHRP 25-25](#) - Research for the AASHTO Standing Committee on the Environment
 - [NCHRP 25-25B](#) - Research for the AASHTO Standing Committee on the Environment
 - [NCHRP Synthesis 20-05/Topic 49-07](#) - Managing Transportation Research Programs
 - [TCRP D-07](#) - Joint Rail Transit Research with the Association of American Railroads/Transportation Technology Center, Inc.
 - [TCRP J-01](#) - Dissemination and Implementation of TCRP Research Findings
- [Upcoming Projects](#)
 - [ACRP 02-84](#) - High Resolution Spatiotemporal Population Distribution Data and Modeling for Aviation Noise Research Studies
 - [ACRP 11-02/Task 30](#) - Research Roadmap in the Area of Design and Construction of Airport Facilities and Infrastructure
 - [ACRP 11-02/Task 32](#) - Airport Environmental Research Roadmap
 - [ACRP 11-02/Task 33](#) - Research Roadmap on Policy and Planning Issues
 - [ACRP 11-05/Task 1](#) - Dissemination of ACRP Research Results
 - [NCHRP 20-102\(19\)](#) - Update AASHTO’s Connected Vehicle/ Automated Vehicle Research Roadmap
 - [NCHRP 20-111J](#) - Successful Practices for State Transportation Research Office’s Compliance with 2 CFR 200
 - [NCHRP 20-113](#) - Research Roadmap -- Transformational Technologies (other than CV/AV)
 - [NCHRP 20-65/Task 75](#) - Baseline Research on Allowable In-Kind and Local Match Sources
 - [NCHRP 20-65B](#) - Research for the AASHTO Standing Committee on Public Transportation
 - [NCHRP 25-25/Task 103](#) - Research and Report on the Administration of Categorical Exclusions by State

- Departments of Transportation (DOTs) under NEPA
- [TCRP H-55](#) - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services

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

- [Improving Motor Carrier Safety Management](#)
- [Review of the Research Program of the U.S. DRIVE Partnership: Fifth Report](#)

Committees & Panels

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

[Technical Activities Division Standing Committees](#) – Search by transportation mode and committee topic

- [A0010](#) – International Cooperation
- [AB000](#) – Policy and Organization Group
- [ABG00](#) – Research and Education
- [ABG10](#) – Conduct of Research
- [ABG30](#) – Technology Transfer
- [ABG40](#) – Library and Information Science for Transportation
- [ADB45](#) – Travel Forecasting Resources
- [AT060](#) – Trucking Industry Research

[Task Forces](#) - Search for *task force* under committee here

- [AB010T](#) – Knowledge Management

Policy Study

- [B0002](#) – TRB Information Services Committee
- [B0024](#) – Research and Technology Coordinating Committee (FHWA)
- [B0085](#) – Transit Research Analysis Committee (TRAC)
- [B0110](#) – Commercial Truck and Bus Safety Synthesis Program
- [B0137](#) – Evaluation of the Federal Railroad Administration Research and Development Program

CRP Panels

- [Project Panels Related to Research](#)

Councils

- [A0040T](#) – Young Member Council

Recent and Upcoming Events

[Conferences \(co-sponsored by TRB\)](#) - Left hand menu “upcoming conferences by topic”

[Transport Research Arena 2018*](#)

April 16-19, 2018

Vienna, Austria

[57th Annual Workshop on Transportation Law](#)

July 15-18, 2018

Cambridge, Massachusetts

[National Household Travel Survey \(NHTS\) Data for Transportation Applications Workshop](#)

August 8-9, 2018

Washington, D.C.

[16th National Tools of the Trade Transportation Planning Conference](#)

August 22-24, 2018

Kansas City, Missouri

[2018 Workshop on Managed Lanes](#)

September 25-27, 2018

Bellevue, Washington

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

TRB’s Transportation Research Information Services (TRIS)

TRIS includes the [TRB Library](#) and the [TRIS Databases](#) (listed below) which are available for 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

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