

The National Academies of  
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TRANSPORTATION RESEARCH BOARD

## TRB Snap Search: Research

### TRB's involvement in research on Research from 2020-2021

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

All available Snap Searches can be accessed online here: <http://www.trb.org/InformationServices/Snap.aspx>

### 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](#)

### Specialty Report

- [The Transportation Research Board, 1920-2020: Everyone Interested is Invited](#)
- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)

### Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
  - [Web-Only Document 50](#) - Research Roadmap on Safety Issues
  - [Web-Only Document 49](#) - Research Roadmap on Airport Administration & Human Resource Issues
  - [Web-Only Document 45](#) - Airport Environmental Research Roadmap Narrative Report
- [National Cooperative Highway Research Program \(NCHRP\)](#)
  - [NCHRP 20-65/Task 75](#) - Baseline Research on Allowable In-Kind and Local Match Sources
  - Departments of Transportation (DOTs) under NEPA
  - [NCHRP 20-44\(21\)](#) - Synthesis of State Peer Exchanges and RPPM
  - [Legal Research Digest 83](#) - Guidelines for Drafting Liability Neutral Transportation Engineering Documents and Communication Strategies
  - [Report 975](#) - Transportation System Resilience: Research Roadmap and White Papers
  - [Report 936](#) - A Guide to Ensure Access to the Results of Federally Funded Transportation Research
  - [Report 934](#) - Traffic Forecasting Accuracy Assessment Research
  - [Report 932](#) - A Research Roadmap for Transportation and Public Health Management
  - [Web-Only Document 282](#) - Framework for Managing Data from Emerging Transportation Technologies to Support Decision-Making
- [Special Reports / Consensus Studies](#)
  - [Report 339](#) - Preparing for LNG by Rail Tank Car: A Review of a U.S. DOT Safety Research, Testing, and Analysis Initiative
  - [Report 334](#) - Review of the Federal Railroad Administration's Research and Development Program
- [Transportation Research Circulars](#)
  - [E-Circular 271](#) - Critical Issues in Aviation and the Environment 2021
  - [E-Circular 270](#) - Opportunities for Research on Transportation and Equity
  - [E-Circular 267](#) - Summary of Transportation Research Needs Related to COVID-19

## Current & Upcoming Projects

- [Current Projects](#)
  - [ACRP 11-02/Task 30](#) - Research Roadmap in the Area of Design and Construction of Airport Facilities and Infrastructure
  - [ACRP 11-04](#) - Graduate Research Award Program on Public-Sector Aviation Issues
  - [NCFRP 48](#) - Freight Research to Support MAP-21 Implementation
  - [NCHRP 08-36C](#) - Research for the AASHTO Standing Committee on Planning
  - [NCHRP 20-07](#) - Research for AASHTO Standing Committee on Highways
  - [NCHRP 20-07/Task 368](#) - Development of a Roadmap for Use of SHRP2 Safety Data to Enhance Existing Publications
  - [NCHRP 20-44](#) - Moving Research into Practice
  - [NCHRP 20-44\(28\)](#) - Development of a Technology Transfer Plan for State Departments of Transportation Research Programs
  - [NCHRP 20-44\(09\)](#) - Quantitative and Qualitative Methods for Capturing the Impacts and Value of NCHRP Research
  - [NCHRP 20-59](#) - Surface Transportation Security and Resilience Research
  - [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 20-102\(19\)](#) - Update AASHTO's Connected Vehicle/ Automated Vehicle Research Roadmap
  - [NCHRP 20-102\(19\)B](#) - Updated Research Roadmap for NCHRP 20-102, Impacts of Connected Vehicles and Automated Vehicles on State and Local Transportation Agencies
  - [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 20-113F](#) - Topical White Papers for the TRB Forum on Automated Vehicles and Shared Mobility
  - [NCHRP 20-122](#) - Rural Transportation Issues: Research Roadmap
  - [NCHRP 20-123](#) - Support for AASHTO Committees and Councils
  - [NCHRP 20-123\(01\)](#) - Transportation Asset Management Strategic Planning and Research Roadmap Development
  - [NCHRP 20-123\(02\)](#) - Research Roadmap for the AASHTO Council on Active Transportation
  - [NCHRP 20-123\(04\)](#) - Development of a Risk Management Strategic Plan and a Research Roadmap
  - [NCHRP 20-123\(10\)](#) - AASHTO Committee on Bridges and Structures Strategic Plan, Operating Guidelines, and Research Roadmap Development
  - [NCHRP 20-123\(11\)](#) - High-Value Research Marketing and Communications for 2020
  - [NCHRP 25-25B](#) - Research for the AASHTO Standing Committee on the Environment
  - [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
  - [TCRP J-11](#) - Quick-Response Research on Long-Term Strategic Issues
  - [TFPE 00](#) - Evaluations of FHWA Research & Technology Program Projects
- [Upcoming Projects](#)
  - [ACRP 11-11](#) - Facilitating Implementation of ACRP Products
  - [ACRP Synthesis 11-03/Topic S09-09](#) - Automated Pavement Condition Survey Practices at Airports
  - [NCHRP 07-32](#) - Future-Proofing Automatic Traffic Signal Performance Measurement Systems for Scalability, Transferability, and CAV Integration
  - [NCHRP 17-96](#) - Traffic Safety Culture Research Roadmap
  - [NCHRP 20-44\(34\)](#) - Successful Practices for State Transportation Research Office's Complying with 2 CFR 200 (NCHRP 20-111J)
  - [NCHRP 20-65B](#) - Research for the AASHTO Standing Committee on Public Transportation
  - [NCHRP 20-113](#) - Research Roadmap -- Transformational Technologies (other than CV/AV)
  - [NCHRP 20-123\(13\)](#) - Transportation Planning Strategic Planning and Research Roadmap Development
  - [NCHRP 20-123\(14\)](#) - Scoping study for the development of a platform for AASHTO Committee Surveys
  - [NCHRP 20-126](#) - Support for Critical Issues in Transportation and Commitment to the Future IHS
  - [NCHRP 23-12](#) - Artificial Intelligence Opportunities for State and Local DOTs – A Research Roadmap
  - [NCHRP 23-14](#) - Research Roadmap for Knowledge Management

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

- [Reflecting Sunlight - Recommendations for Solar Geoengineering Research and Research Governance](#)
- [Science Diplomacy to Promote and Strengthen Basic Research and International Cooperation](#)
- [Army Medical Research and Development Infrastructure Planning](#)
- [Global Change Research Needs and Opportunities for 2022-2031](#)

- [Planning the Future Space Weather Operations and Research Infrastructure](#)
- [Enhancing Scientific Reproducibility in Biomedical Research Through Transparent Reporting](#)
- [Measuring Alternative Work Arrangements for Research and Policy](#)
- [Frontiers in Thermal Transport and Energy Conversion](#)
- [2019-2020 Assessment of the Army Research Laboratory](#)
- [Assessment of the In-House Laboratory Independent Research at the Army's Research, Development, and Engineering Centers](#)
- [Fostering the Culture of Convergence in Research](#)
- [Evaluation of the Minerva Research Initiative](#)

## Committees & Panels

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

**TRB Standing Committees** – Search by transportation mode and committee topic

- [A0020C](#) – International Coordinating Council
- [AIE35](#) – Research Innovation Implementation
- [AIE45](#) – Knowledge Management
- [AT060](#) – Trucking Industry Research

**Task Forces** - Search for *task force* under committee here

### Policy Study

- [B0024](#) – Research and Technology Coordinating Committee (FHWA)
- [B0085](#) – Transit Research Analysis Committee (TRAC)
- [B0137](#) – Evaluation of the Federal Railroad Administration Research and Development Program
- [B0156](#) – Review of Federal Highway Administration Infrastructure R&D
- [B0159](#) – Marine Transportation System Research and Technology Conference
- [B0161](#) – Federal Highway Administration Infrastructure R&D – Expert Task Group on Pavement
- [B0162](#) – Federal Highway Administration Infrastructure R&D – Expert Task Group on Bridges
- [B0166](#) – Federal Railroad Administration R&D Program

### CRP Panels

- [Project Panels Related to Research](#)

### Councils

- [A001C](#) – Young Members Coordinating Council

## Recent and Upcoming Events

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

### [TRB Conference on Transportation Planning Applications](#)

June 21, 2021

online

### [Bridging Transportation Researchers Online Conference\\*](#)

August 5, 2021

online

### [TRB Annual Meeting](#)

January 9, 2022

Washington, DC

**Webinars** – View upcoming webinars, suggest a webinar or add registration information

### [Past Webinars](#)

- [Research](#)

## 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:**

- **Transportation Research International Documentation (TRID)** - [trid.trb.org](http://trid.trb.org) - The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation
- **Transportation Research Thesaurus (TRT)** - [trt.trb.org](http://trt.trb.org) - A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** - [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects
- **Research Needs Statements (RNS)** - [rns.trb.org](http://rns.trb.org) - Research needs as identified by TRB Technical Activities standing committees
- **Publications Index (PubsIndex) Database** - [pubsindex.trb.org](http://pubsindex.trb.org) - The papers, articles and reports published by the Transportation Research Board, Strategic Highway Research Programs or the Marine Board

**Contact or Questions:** [TRBLibrary@nas.edu](mailto:TRBLibrary@nas.edu)