TRB Snap Search: Research

TRB’s involvement in research on Research from 2022-2023

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](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.

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](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

Recent Reports & Publications

- [Behavioral Traffic Safety Cooperative Research Program (BTSCRCP)](#)
  - Web-Only Document 2 - Development of Research Problem Statements That Utilize Naturalistic Driving Data to Improve Teen Driving Safety

- [CRP Special Releases (CRP)](#)
  - Report 1 - Evaluation of the Asphalt Binder Quality Tester
  - Report 2 - Evaluation of the Exploratory Advanced Research Program

- [National Cooperative Highway Research Program (NCHRP)](#)
  - NCHRP 20-44(09) - Quantitative and Qualitative Methods for Capturing the Impacts and Value of NCHRP Research
  - NCHRP 20-123(01) - Transportation Asset Management Strategic Planning and Research Roadmap Development
  - NCHRP 20-123(04) - Development of a Risk Management Strategic Plan and a Research Roadmap
  - Letter Report - Research and Technology Coordinating Committee: September 29, 2022
  - Letter Report - Long-Term Infrastructure Program: January 31, 2022
  - Report 988 - Rural Transportation Issues: Research Roadmap
  - Synthesis 589 - Automated Data Collection and Quality Management for Pavement Condition Reporting
  - Web-Only Document 346 - Programmatic Issues of Future System Performance

- [Special Reports / Consensus Studies](#)

Current & Upcoming Projects

- [Current Projects](#)
  - ACRP 03-65 - ACRP Policy and Planning Product Updates
  - 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
• **ACRP 11-11/Task 01** - Knowledge Transfer of Lessons Learned From ACRP Product Implementation
• **ACRP Synthesis 1.1-03/Topic S09-09** - Automated Pavement Condition Survey Practices at Airports
• **BTSCR P BTS-23** - Outcomes of Variability in Teen Driving Experience and Exposure: Evidence from the Naturalistic Driving Study
• **NCFRP 48** - Freight Research to Support MAP-21 Implementation
• **NCHRP 08-36C** - Research for the AASHTO Standing Committee on Planning
• **NCHRP 17-96** - Traffic Safety Culture Research Roadmap
• **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(34)** - Successful Practices for State Transportation Research Office’s Complying with 2 CFR 200 (NCHRP 20-111)
• **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)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 20-123** - Support for AASHTO Committees and Councils
• **NCHRP 20-123(13)** - Strategic Plan and Research Roadmap for the AASHTO Committee on Planning
• **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 HIS
• **NCHRP 23-12** - Artificial Intelligence Opportunities for State and Local DOTs – A Research Roadmap
• **NCHRP 23-14** - Research Roadmap for Knowledge Management
• **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 01-53** - Review and Update of ACRP Administration and Human Resources Products
• **ACRP 02-97** - Update to the Guidelines, Tools, and Resources Related to ACRP Reports 11, 147, and 160
• **ACRP 11-11** - Facilitating Implementation of ACRP Products
• **ACRP 11-12/Task 01** - Review ACRP Website
• **ACRP 11-12/Task 02** - Dissemination of Research Results
• **NCHRP 08-166** - Racial and Economic Disparities in Pedestrian and Bicyclist Safety
• **NCHRP 20-44(49)** - Research Implementation Barriers and Guidance for Overcoming Barriers
• **NCHRP 20-65B** - Research for the AASHTO Standing Committee on Public Transportation
• **NCHRP 20-123(17)** - Highway Safety Manual Development and Roadmap
• **NCHRP 23-13** - Transportation Research Related to COVID-19
• **NCHRP 23-30** - Knowledge Strategies to support the Research Lifecycle and Application of Research Results

**Reports from the National Academies Press on Research**

• **Ontologies in the Behavioral Sciences: Accelerating Research and the Spread of Knowledge**
• **Fostering Responsible Computing Research: Foundations and Practices**
• **Automated Research Workflows For Accelerated Discovery: Closing the Knowledge Discovery Loop**
• **Building Data Capacity for Patient-Centered Outcomes Research: Priorities for the Next Decade**
• **Vaccine Research and Development to Advance Pandemic and Seasonal Influenza Preparedness and Response**
• **The Future of Education Research at IES: Advancing an Equity-Oriented Science**
• **Transparency in Statistical Information for the National Center for Science and Engineering Statistics and All Federal Statistical Agencies**

**Committees & Panels**

*Sign-up to be a committee "Friend"*

**TRB Standing Committees** – Search by transportation mode and committee topic
Task Forces - Search for task force under committee here

Policy Study
- B0024 - Research and Technology Coordinating Committee (FHWA)
- B0085 - Transit Research Analysis Committee (TRAC)
- B0156 - Review of Federal Highway Administration Infrastructure R&D
- B0161 - Federal Highway Administration Infrastructure R&D - Expert Task Group on Pavement
- B0162 - Federal Highway Administration Infrastructure R&D - Expert Task Group on Bridges
- B0167 - Research and Technology Coordinating Committee (Federal Highway Administration)
- B0180 - Transitioning Evidence-Based Research into Practice

CRP Panels
- D0836 - Research for AASHTO Standing Committee on Planning: Support for Improved Transportation Planning and Project Development
- D1796 - Traffic Safety Culture Research Roadmap
- D2007 - Research for AASHTO Standing Committee on Highways
- D20112 - Research Roadmap--Public Health and Transportation
- D20113 - Research Roadmap -- Transformational Technologies (other than CV/AV)
- D2012301 - Transportation Asset Management Strategic Planning and Research Roadmap Development
- D2012313 - Strategic Plan and Research Roadmap for AASHTO Committee on Planning
- D2012317 - Highway Safety Manual Development and Research Roadmap
- D2012319 - Transportation Equity Research-A Roadmap
- D2024147 - Peer Exchange and Research to Identify Best Practices for Testing, Monitoring and Deployment of Automated Transportation Solutions to Support Safety, Equity and Operational Efficiency
- D2036 - Highway Research and Technology - International Information Sharing
- D2044 - Accelerating the Application of NCHRP Research Results
- D2065 - Research for the AASHTO Standing Committee on Public Transportation
- D2312 - An Artificial Intelligence Research Roadmap
- D2313 - Research Related to Covid-19
- D2314 - Research Roadmap for Knowledge Management
- D2330 - Knowledge Strategies to Support the Research Lifecycle and Application of Research Results
- D2525 - Research for the AASHTO Standing Committee on the Environment
- DA0140 - Improving the Airport Customer Experience – UPDATE to ACRP Research Report 157
- DA110232 - Airport Environmental Research Roadmap
- DA110233 - Research Roadmap on Policy and Planning Issues
- DA110235 - Research Roadmap on Administration and Human Resource Issues
- DA1104 - Graduate Research Award Program on Public-Sector Aviation Issues
- DA1105 - Dissemination of ACRP Research Results
- TD07 - Joint Track-Related Research with Assn of American Railroads -- Transportation Technology Center, Inc.
- T101 - Dissemination and Implementation of Research Findings

Councils
- A001C - Young Members Coordinating Council
- A002C - International Coordinating Council
- A0000(3) - Committee Research Coordinators Council (CRCC)
- X0014 - AASHTO Special Committee on Research and Innovation
- X0031 - Research Advisory Committee (RAC)

Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

**International Conference on Road Weather and Winter Maintenance**
*May 9-10, 2023*  
*Washington, D.C.*

**National Aviation System Planning Symposium**
*May 15-18, 2023*  
*Irving, CA*
Innovations in Travel Analysis and Planning Conference  
June 4-6, 2023  
Indianapolis, IN

Marine Transportation System Innovative Science and Technologies Toward Greater Sustainability  
June 19-22, 2023  
Washington, D.C.

National Conference on Transportation Asset Management  
July 8-11, 2023  
Boston, MA

TRB International Conference on Low Volume Roads  
July 23-26, 2023  
Cedar Rapids, IA

Upcoming Events – In the Upcoming Events tab under Types, choose what event you are interested in, search titles by keyword

Past Events - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

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 - The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation
- Transportation Research Thesaurus (TRT) – trt.trb.org - A tool to improve the indexing and retrieval of transportation information.
- Research in Progress (RiP) Database – rip.trb.org - Current or recently completed transportation research projects
- Publications Index (PubsIndex) Database – 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