TRB Snap Search: Freight Transportation

TRB’s involvement in research on Freight Transportation 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](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 Freight Transportation within the past year.

Subject Webpage

• Freight Transportation Research at TRB

Recent Reports & Publications

• National Cooperative Highway Research Program (NCHRP)
  ○ Synthesis 546 - Use of Weigh-in-Motion Data for Pavement, Bridge, Weight Enforcement, and Freight Logistics Applications

• Special Reports / Consensus Studies
  ○ Report 334 - Review of the Federal Railroad Administration’s Research and Development Program

• Transportation Research Circulars
  ○ E-Circular 266 - Transportation Asset Management in a COVID-19 World
  ○ E-Circular 255 - Innovations in Freight Data Workshop

Current & Upcoming Projects

• Current Projects
  ○ NCHRP 20-50(20) - LTPP Data Analysis: Develop Practical Tools and Procedures to Improve WIM Data Quality
  ○ NCHRP 20-102(22) - State and Local Impacts of Automated Freight Transportation Systems
  ○ NCHRP 20-125 - Strategies for Incorporating Resilience into Transportation Networks
  ○ NCHRP Synthesis 20-05/Topic 51-12 - Night and Weekend Movement of Oversize/Overweight Loads

• Upcoming Projects
  ○ ACRP 03-63 - Modernizing Air Cargo Operations in U.S. Airports
  ○ ACRP 11-06(20-02) - ACRP Insight Event – On-Demand Aviation Services for Passengers and Goods
  ○ NCHRP 08-134 - Integrating Freight Movement into 21st Century Communities’ Land Use, Design, and Transportation Systems
  ○ NCHRP 23-13 - Transportation Research Related to COVID-19

Reports from the National Academies Press on Freight Transportation

○ Reducing Fuel Consumption and Greenhouse Gas Emissions of Medium- and Heavy-Duty Vehicles, Phase Two
○ Strengthening Post-Hurricane Supply Chain Resilience - Observations from Hurricanes Harvey, Irma, and Maria
○ Innovations in the Food System - Exploring the Future of Food

Committees & Panels

Updated 12/04/2020
Sign-up to be a committee "Friend"

**TRB Standing Committees** – Search by transportation mode and committee topic
- ACS60 - Truck and Bus Safety
- AED70 - Freight Transportation Data
- AMR30 - Transportation for National Defense
- AR040 - Freight Rail Transportation
- AT000 - Freight Systems Group
- AT010 - Freight Transportation Economics and Regulation
- AT015 - Freight Transportation Planning and Logistics
- AT020 - International Trade and Transportation
- AT025 - Urban Freight Transportation
- AT030 - Agriculture and Food Transportation
- AT040 - Transportation of Hazardous Materials
- AT045 - Intermodal Freight Terminal Design and Operations
- AT055 - Truck Size and Weight
- AT060 - Trucking Industry Research
- B0158 - Truck Size and Weight Limits Research Plan

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

**CRP Panels**
- Project Panels Related to Freight Transportation

**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.)

  - **Measuring and Managing Freight System Resilience Workshop**
    *April 6, 2021*
    Online
  - **2021 NAEP Annual Conference and Training Symposium***
    *May 16, 2021*
    Phoenix, AZ
  - **2021 Innovations in Freight Data**
    *September 21, 2021*
    Irvine, CA

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

**Past Webinars**
- Freight Transportation

**TRB’s Transportation Research Information Services (TRIS)**

TRIS includes the [TRB Library](https://library.trb.org) and the [TRIS Databases](https://trisdatabase.trb.org) (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](https://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](https://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

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

• **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