

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Highway Speed Control/Management

TRB's involvement in research on Highway Speed Control/Management from 2022-2024

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 Highway Speed Control/Management within the past year.

Specialty Report

- [Critical Issues in Transportation for 2024 and Beyond](#)
- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

Recent Reports & Publications

- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 1050](#) - Wrong-Way Driving Solutions Handbook
 - [Report 2021](#) - Application of Dynamic Lane-Use Control: Proposed Practices
 - [Report 997](#) - Algorithms to Convert Basic Safety Messages into Traffic Measures
 - [Web-Only Document 357](#) - Wrong-Way Driving Solutions, Policy, and Guidelines
 - [Web-Only Document 354](#) - Safe and Effective Temporary Traffic Control for Mobile Operations on Two-Lane Roadways

Current & Upcoming Projects

- [Current Projects](#)
 - [NCHRP 03-142](#) - Evaluating the Impacts of Real-Time Warnings and Variable Speed Limits on Safety and Travel Reliability during Weather Events
 - [NCHRP 08-157](#) - Best Practices for Data Fusion of Probe and Point Detector Data
 - [NCHRP 15-79](#) - Development of Guidance for Non-Standard Roadside Hardware Installations
 - [NCHRP 22-55](#) - Implementation of MASH Surrogate Test Vehicles for Sign Supports, Breakaway Poles, and Work Zone Traffic Control Devices
- [Upcoming Projects](#)
 - [NCHRP 03-143](#) - Framework and Toolkit for Selecting Pedestrian Crossing Treatments
 - [NCHRP 03-145](#) - National Traffic Sensor System Evaluation Program
 - [NCHRP 03-147](#) - LED Applications on Traffic Control Devices
 - [NCHRP 03-148](#) - Preparing for Virtual Operation of Traffic Management Systems
 - [NCHRP 03-150](#) - Update to Procedure for Determining Work Zone Speed Limits
 - [NCHRP 15-82](#) - Relationship of Speed, Roadway Geometrics, and Crashes on High-Speed Rural Highways

- [NCHRP 17-111](#) - Speed Management Strategies to Improve Pedestrian and Bicyclist Safety on Arterials and Higher-Speed Roadways
- [NCHRP 17-114](#) - Integrated Strategies for Managing Excessive Travel Speed to Improve Safety Performance
- [NCHRP 17-124](#) - Effectiveness of Speed Reduction in Work Zones
- [NCHRP 20-06/Topic 27-01](#) - Transportation Agency Liability for Roadside Safety Hardware

Reports from the [National Academies Press](#) on Highway Speed Control/Management

- [Transportation and Infrastructure » Operations and Traffic Management](#)

Committees & Panels

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

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

- [ACP00](#) - Operations
- [ACP10](#) – Regional Transportation Systems Management and Operations
- [ACP15](#) – Intelligent Transportation Systems
- [ACP20](#) – Freeway Operations
- [ACP25](#) – Traffic Signal Systems
- [ACP30](#) – Vehicle-Highway Automation
- [ACP35](#) – Managed Lanes
- [ACP40](#) – Highway Capacity and Quality of Service
- [ACP50](#) – Traffic Flow Theory and Characteristics
- [ACP55](#) – Traffic Control Devices
- [ACP60](#) – Access Management
- [ACP80](#) - Traffic Simulation
- [AKD10](#) – Performance Effects of Geometric Design
- [AKD80](#) – Roundabouts and other Intersection Design and Control Strategies
- [AKR10](#) – Maintenance and Operations Management
- [AMR20](#) – Disaster Response, Emergency Evacuations, and Business Continuity
- [AR080](#) – Highway/Rail Grade Crossings
- [AV095](#) - New Users of Shared Airspace

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

Policy Study

- [B0024](#) - Research and Technology Coordinating Committee (FHWA)

CRP Panels

- [D03146](#) - Transportation Operations Manual Best Practices Guide
- [D08119](#) - Developing Data Standards and Guidance for Transportation Planning and Traffic Operations – Phase I
- [D08138](#) - Connecting Transportation Asset Management (TAM) and Transportation System and Management Operations (TSMO)
- [D08146](#) - Integrating Resiliency into Transportation System Operations
- [D17101](#) - Applying the Safe System Approach to Transportation Planning, Design, and Operations in the United States
- [D17111](#) - Speed Management Solutions and Strategies to Improve Pedestrian and Bicyclist Safety on Arterial Roadways
- [D2010212](#) - Business Models to Facilitate Deployment of CV Infrastructure to Support AV Operations
- [D2012318](#) - Development of a New Transportation System Operations Strategic Plan
- [DA0921](#) - Guidelines for the Effective Transition of Asset Data from Design/Construction to Operations and Maintenance

Councils

- [A001C](#) – Young Members Coordinating Council
- [A0030C](#) - City Transportation Issues Coordinating Council
- [A0040C](#) - Rural Transportation Issues Coordinating Council

Recent and Upcoming Events

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

[TRB's Annual Automated Road Transportation Symposium](#)

July 29-Aug 1, 2024

San Diego, CA

[TRB's Symposium on Managed Lanes](#)

August 12-14, 2024

Irvine, CA

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

[Innovations in Travel Analysis and Planning Conference](#)

June 4-6, 2023

Indianapolis, IN

[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

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