TRB at a Glance

The mission of the Transportation Research Board (TRB) is to provide leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal. 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.

More info at www.trb.org

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](http://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](http://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](http://pubsindex.trb.org)

**Research in Progress (RiP) Database** – Current or recently completed transportation research projects
[rip.trb.org](http://rip.trb.org)

**Research Needs Statements (RNS)** – Research needs as identified by TRB Technical Activities standing committees
[rns.trb.org](http://rns.trb.org)

More information about TRIS is available online at: [http://www.trb.org/InformationServices/InformationServices.aspx](http://www.trb.org/InformationServices/InformationServices.aspx)

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

Upcoming Events

- Conferences (co-sponsored by TRB):
  - June 2, 2016 New York, New York 2016 Ferry Safety and Technology Conference
  - June 14-16, 2016 2016 International Symposium on Enhancing Highway Performance: 7th International Symposium on Highway Capacity and Quality of Service; 3rd International Symposium on Freeway and Tollway Operations
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- June 26, 2016 Houston, Texas American Society of Civil Engineers (ASCE) 2016 International Conference on Transportation and Development
- July 6, 2016 Pretoria, South Africa 3rd International Conference on Access Management
- August 14, 2016 Portland, Oregon Use of Scenario Planning in Transportation Planning
- May 8, 2017 Green Bay, Wisconsin 5th International Conference on Roundabouts

- Webinars:
  - April 19, 2016 Estimating the Life-Cycle Cost of Intersection Designs
  - April 20, 2016 Wrong Way Driving: What We Know, What We Are Doing, and Where Are We Going
  - June 2, 2016 Impact of Mega Events on Urban Growth through Sustainable Transportation Solutions


Technical Committees

- Standing Committees:
  - Geometric Design (AFB10)
  - Operations and Preservation Group (AH000)
  - Section – Operations (AHB00)
  - Regional Transportation Systems Management and Operations (AHB10)
  - Intelligent Transportation Systems (AHB15)
  - Freeway Operations (AHB20)
  - Traffic Signal Systems (AHB25)
  - Vehicle-Highway Automation (AHB30)
  - Managed Lanes (AHB35)
  - Highway Capacity and Quality of Service (AHB40)
  - Traffic Flow Theory and Characteristics (AHB45)
  - Traffic Control Devices (AHB50)
  - Work Zone Traffic Control (AHB55)
  - Highway/Rail Grade Crossings (AHB60)
  - Operational Effects of Geometrics (AHB65)
  - Access Management (AHB70)
  - Maintenance and Operations Management (AHD10)
  - Maintenance and Operations Personnel (AHD15)
  - Signing and Marking Materials (AHD55)
  - Roundabouts (ANB75)

- Policy Study Committees:
  - Research and Technology Coordinating Committee (FHWA) (B0024)

- Council:
  - Young Member Council (A0040T)

To become Friend of any committee visit [MyTRB.org](http://www.mytrb.org)

Cooperative Research Program (CRP)

- Recent Reports
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  - ACRP Report, Issue 82 - Preparing Peak Period and Operational Profiles - Guidebook.


- NCHRP Report, Issue 797 - Guidebook on Pedestrian and Bicycle Volume Data Collection.
- NCHRP Report, Issue 774 - Superelevation Criteria for Sharp Horizontal Curves on Steep Grades.
- NCHRP Report, Issue 765 - Analytical Travel Forecasting Approaches for Project-Level Planning and Design.
- NCHRP Report, Issue 760 - Improving the Quality of Motorcycle Travel Data Collection.
- NCHRP Report, Issue 745 - Left-Turn Accommodations at Unsignalized Intersections.
- NCHRP Report, Issue 716 - Travel Demand Forecasting: Parameters and Techniques.
- NCHRP Report, Issue 693 - Attracting, Recruiting, and Retaining Skilled Staff for Transportation System Operations and Management.


- NCHRP Web Document, Issue 205 - Methods and Technologies for Pedestrian and Bicycle Volume Data
Collection.


- Transportation Research E-Circular, Issue E-C149 - 75 Years of the Fundamental Diagram for Traffic Flow Theory: Greenshields Symposium.


- ACRP Impacts on Practice - Standardizing Airport Incident Management Practices.
- ACRP Impacts on Practice - Improving Airport Curbside and Roadway Operations.

- TCRP Web Document, Issue 53 - Operation of Light Rail Transit through Ungated Crossings at Speeds over 35 MPH.


- NCHRP-IDEA Program Project Final Report - Development of a Sensing Methodology for Intelligent and Reliable Work-Zone Hazard Awareness.
- NCHRP IDEA Program: Products with an Impact or Potential Impact on Current Highway Practice: Notable Examples.

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<td>Cost/Benefit Analysis of Converting a Lane for Bus Rapid Transit—Phase II Evaluation and Methodology.</td>
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- Current research
  - ACRP 10-20 - Guidance for Planning, Design, and Operations of Airport Communications
  - ACRP 10-22 - Improving Stakeholder Engagement in Aircraft Accident Planning
  - ACRP 10-24 - Guidance for Developing Ramp Control Facilities
  - ACRP 10-25 - Public-Notification Programs at Airports
  - TCRP A-36 - Command-Level Decision Making for Transit Emergency Managers
  - TCRP A-40 - Manual to Improve Rail Transit Safety at Platform/Train and Platform/Guideway Interfaces
  - TCRP A-41 - Improving the Resiliency of Transit Systems Threatened by Natural Disasters
  - NCHRP 03-117 - Traffic Control Devices and Measures for Deterring Wrong-Way Movements
  - NCHRP 03-119 - Application of MASH Test Criteria to Breakaway Sign and Luminaire Supports and Crashworthy Work-Zone Traffic Control Devices
  - NCHRP 03-120 - Assessing Interactions Between Access Management Treatments and Multimodal Users
  - NCHRP 03-101 - Costs and Benefits of Public-Sector Deployment of Vehicle to Infrastructure Technologies
  - NCHRP 03-105 - Design Guidance for Interchange Loop Ramps
  - NCHRP 03-108 - Guidance on Quantifying Benefits of TIM Strategies
  - NCHRP 03-111 - Effectiveness of Work Zone Transportation Management Plan (TMP) Strategies
  - NCHRP 03-112 - Operational and Safety Considerations in Making Lane Width Decisions on Urban and Suburban Arterials
  - NCHRP 03-113 - Guidance for Traffic Signals at Diverging Diamond Interchanges and Adjacent Intersections
  - NCHRP 03-114 - Planning and Evaluating Active Traffic Management Strategies
  - NCHRP 03-115 - Production of a Major Update to the 2010 Highway Capacity Manual
  - NCHRP 03-62 - Guidelines for Accessible Pedestrian Signals
Panel Member nominations accepted (http://www.trb.org/TCRP/CRPInfoPanelMembers.aspx)

**Second Strategic Highway Research Program (SHRP 2)**

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- SHRP 2 Project Brief - Establishing Monitoring Programs for Travel Time Reliability.
- SHRP 2 Products Chart. Transportation Research Board
- SHRP 2 Report - E-Tool for Business Processes to Improve Travel Time Reliability.
- SHRP 2 Project Brief - Can You See Us Now?.
- SHRP 2 Program Brief - Improving Travel Time Reliability.
- SHRP 2 Report, Issue Report S2-L14-RW-1 - Effectiveness of Different Approaches to Disseminating Traveler Information on Travel Time Reliability.
- SHRP 2 Report - Incorporation of Travel Time Reliability into the HCM.
- SHRP 2 Project Brief - Incorporating Reliability into the Transportation Planning and Programming Process.
- SHRP 2 Project Brief - A National Traffic Incident Management Training Course for Incident Responders and Managers.
o SHRP 2 Project Brief - Travel Time Reliability 2030: Innovations and Strategies for Today and Tomorrow.
o SHRP 2 Reliability IDEA Program Project Final Report - Online Traffic Simulation Service for Highway Incident Management.
o SHRP 2 Report - Strategic Approaches at the Corridor and Network Level to Minimize Disruption from the Renewal Process.
o SHRP 2 Report, Issue S2-S09-RW-1 - Site-Based Video System Design and Development.

Other Relevant Reports

• 2013: Planning, Design, Operations, and Infrastructure (Journal of the Transportation Research Board, No. 2387)