TRB’s involvement in research on Project Delivery from 2019-2021

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 Project Delivery within the past two years.

**Recent Reports & Publications**

- **Airport Cooperative Research Program (ACRP)**
  - Legal Research Digest 38 - Legal Issues Related to Large-Scale Airport Construction Projects
  - Report 196 - Guidebook for Integrating Collaborative Partnering into Traditional Airport Practices
  - Synthesis 102 - Value, Benefits, and Limitations of Qualifications-Based Selection for Airport Project Delivery

- **National Cooperative Highway Research Program (NCHRP)**
  - NCHRP 25-25/Task 109 - Successful Practices for Environmental Commitments in Public/Private Partnerships (P-3) and Design-Build (D-B) Contracts
  - NCHRP 25-25/Task 110 - National Synthesis of Successful Strategies for Managing Post-World War II Resources in Historic Property Identification Surveys
  - Report 953 - Improving Mid-Term, Intermediate, and Long-Range Cost Forecasting: Guidebook for State Transportation Agencies
  - Report 939 - Guidebooks for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods, Volume 1: Design–Build Delivery
  - Report 939 - Guidebooks for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods, Volume 2: Construction Manager–General Contractor Delivery
  - Report 939 - Guidebooks for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods, Volume 3: Research Overview
  - Report 937 - Guidebook for Implementing Alternative Technical Concepts in All Types of Highway Project Delivery Methods
  - Synthesis 551 - Highway Hydraulic Engineering State of Practice
  - Synthesis 534 - Emerging Technologies for Construction Delivery
  - Web-Only Document 281 - Integrating Tribal Expertise into Processes to Identify, Evaluate, and Record Cultural Resources
  - Web-Only Document 277 - Implementing Alternative Technical Concepts in All Types of Highway Project Delivery Methods
  - Web-Only Document 263 - White Papers for Right-Sizing Transportation Investments

- **Transit Cooperative Research Program (TCRP)**
  - Report 224 - Guide to Joint Development for Public Transportation Agencies

**Current & Upcoming Projects**

- **Current Projects**
  - ACRP 01-45 - Updated Guidebook for Airport Project Delivery Systems

Updated 06/21/2021
• **Upcoming Projects**
  - NCHRP 10-113 - Design Review and 3D Model Quality Management for Model-based Design and Construction
  - NCHRP 10-111 - Evaluation and Selection of 3D Model Viewers for Construction Inspection
  - NCHRP 23-22 - Increasing Competition on Projects Delivered by Alternative Methods by Defining and Assessing Contractual Risk Profiles

**Reports from the National Academies Press on Project Delivery**

- Progress Toward Restoring the Everglades
- Emerging Technology Intersections and Partnerships for Counterproliferation
- Strengthening Post-Hurricane Supply Chain Resilience
- Facilities Staffing Requirements for the Veterans Health Administration—Resource Planning and Methodology for the Future
- Leading Health Indicators 2030 - Advancing Health, Equity, and Well-Being
- Integrating Social Care into the Delivery of Health Care
- Global Health Transitions and Sustainable Solutions

**Committees & Panels**

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

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

- AJE40 – Public Engagement and Communications
- AKC20 – Project Delivery Methods

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

**Project Panels**

- D08112 - Guidebook for Implementing Alternative Technical Concepts into All Types of Highway Project Delivery Methods
- DA0145 - Updated Guidebook for Airport Project Delivery Requirements
- SN4902 - Synthesis of Emerging Technologies for Construction Delivery
- SN5219 - Technological Capabilities of DOTs for Digital Project Management and Delivery

**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.)

**Automated Road Transportation Symposium 2021**
*July 12, 2021*
*online*

**Geospatial Data Acquisition Technologies in Design and Construction Summer Committee Meeting**
*July 27, 2021*

**Bridging Transportation Researchers Online Conference***
*August 5, 2021*
National Conference on Transportation Asset Management
August 10, 2021
online

XXI Pan-American Conference of Transport and Logistics 2021*
August 11, 2021
online

Innovations in Freight Data Workshop
September 21, 2021
online

National Conference on Rural Public and Intercity Bus Transportation
October 25, 2021
online

Conference on Transformative Times in Transportation Security
November 2, 2021
Washington, D.C.

Geo-Extreme Conference*
November 7, 2021
Savannah, GA

Accelerated Bridge Construction Conference*
December 8, 2021
online

Conference on Sustainability and Emerging Transportation Technology
March 15, 2022
Irvine, CA

International Conference on Roundabouts
April 1, 2022
Monterey, CA

Symposium on Managed Lanes
May 1, 2022
Atlanta, GA

National Aviation System Planning Symposium
May 16, 2022
Irvine, California

18th Biennial National Harbor Safety Committee Conference
June 13, 2022
Boston, MA

13th Access Management Conference
July 1, 2022
online

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

Past Webinars

- Increasing Return on Investment through Geotechnology – May 12, 2021
- Navigating Environmental Compliance for Public-Private Partnerships – April 21, 2021
- Rock On - The Impacts of the Mischaracterization of Rock – February 3, 2021
- Rail in the Time of Coronavirus - Planning, Operating, & Constructing Rail – December 2, 2020
- Delivering Bridge Projects with Building Information Modeling (BIM) – August 26, 2020
- Evolution of Project Delivery Information Systems – June 4, 2020
- How to Guide Alternative Contracting Projects – March 26, 2020
- Emerging Technologies for Construction Delivery - September 18, 2019
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