TRB Snap Search: Procurement

TRB’s involvement in research on Procurement from 2020-2024

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](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 Procurement within the past three years.

Specialty Reports

- 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

- Airport Cooperative Research Program (ACRP)
  - Legal Research Digest 38 - Legal Issues Related to Large-Scale Airport Construction Projects
  - Report 217 - Guidance for Diversity in Airport Business Contracting and Workforce Programs
  - Synthesis 120 - Airport Software Solutions and Services Sourcing
  - Synthesis 102 - Value, Benefits, and Limitations of Qualifications-Based Selection for Airport Project Delivery

- Conference Proceedings
  - Proceedings on the Web 26 - Public–Private Partnerships: What Are the Lessons Learned?

- National Cooperative Highway Research Program (NCHRP)
  - Legal Research Digest 90 - Best Value Procurement for Highway Construction: Legal Issues and Strategies
  - Legal Research Digest 79 - The Effectiveness of State False Claims Acts in Protecting State Transportation Funding
  - 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
  - Synthesis 625 - Programmatic Implementation of Alternative Contracting Methods
  - Synthesis 614 - Outsourcing Post-Construction Stormwater Best Management Practice Inspection and Maintenance Activities
  - Synthesis 555 - Estimating and Contracting Rock Slope Scaling Adjacent to Highways
  - Synthesis 545 - Electronic Ticketing of Materials for Construction Management
  - Web-Only Document 298 - Developing a Systematic Approach for Determining Construction Contract Time
• Transit Cooperative Research Program (TCRP)
  o Report 228 - Resource Guide for Improving Diversity and Inclusion Programs for the Public Transportation Industry

Recently Completed Projects/Pending Publication

  o ACRP Report 264 - Asset Information Handover Guidelines: From Planning and Construction to O&M
  o NCHRP 20-06 / Topic 27-02 - State and Local Suspension and Debarment Programs of Contractors
  o NCHRP Synthesis 20-05 / Topic 54-12 - Programmatic Implementation of Alternative Contracting Methods

Current & Upcoming Projects

• Current Projects
  o ACRP 11-01 / Topic 15-03 - Legal Impacts to Airports from State Legalization of Marijuana
  o NCHRP 08-140 - Guide for Truck Parking Information Management Systems
  o NCHRP 08-144 - Rural Transit Fleet Mix and Vehicle Size Decision Trees
  o NCHRP 10-118 - Effective Timelines and Contractual Strategies for Accelerated Bridge Construction Projects
  o NCHRP 10-123 - Incorporating Quality Assurance into Green Public Procurement Practices
  o NCHRP 19-22 - Equity Impacts of Transportation Revenue Mechanisms and Changing Trends
  o NCHRP 20-06 / Topic 25-06 - Legal Issues and Strategies for Best-Value Procurement for Highway Construction
  o NCHRP 23-19 - Practices for Transportation Agency Procurement and Management of Advanced Technologies
  o NCHRP Synthesis 20-05 / Topic 54-16 - Post-Construction Evaluation Practices for Highway Projects Delivered Using Alternative

• Upcoming Projects
  o NCHRP 10-115 - Guide on Progressive Design-Build for Transportation Projects
  o NCHRP 10-141 - Guidebook for Using Digital Project Delivery Practices to Integrate Design and Construction, Improve Productivity, and Manage Risk
  o NCHRP 20-06 / Topic 27-04 - Managing Performance for Innovative Technology Contracts
  o NCHRP 23-19 - Practices for Transportation Agency Procurement and Management of Advanced Technologies
  o TCRP J-05 / Topic 21-03 - Update of Selected Studies in Transportation Law, Volume 5, 2014 Supplement (Transit Law)

Reports from the National Academies Press on Procurement

  o Experimental Approaches to Improving Research Funding Programs: Proceedings of a Workshop
  o Valuing America's Health: Aligning Financing to Reward Better Health and Well-Being
  o Pragmatic Future for NAEP: Containing Costs and Updating Technologies
  o Sustainable and Resilient Supply Chains Using Emerging Technologies: Policy Options
  o Globally Resilient Supply Chains for Seasonal and Pandemic Influenza Vaccines
  o Empowering the Defense Acquisition Workforce to Improve Mission Outcomes Using Data Science
  o Public–Private Partnerships for Global Health at the National, Municipal, and Community Levels

Committees & Panels

Sign-up to be a committee "Friend"

TRB Standing Committees – Search by transportation mode and committee topic
  o AJE60 - Contracting Equity
  o AL30 - Contract Law
  o AJL40 - Contract Law
  o AKC20 - Project Delivery Methods
  o AKR40 - Winter Maintenance

Project Panels – Select Committee Type - CRP Panel and Synthesis Panel and search by topic
  o D08197 - A Guidebook for Emergency Contracting Procedures for Administration
  o D10123 - Incorporating Quality Assurance into Green Public Procurement Practices
  o D10130 - Guidebook for Using Alternative Contracting Methods for Small Highway Projects
  o D2319 - Practices for Transportation Agency Procurement and Management of Advanced Technologies
  o D2322 - Increasing Competition on Projects Delivered by Alternative Methods by Defining and Assessing Contractual Risk Profiles
DA0605 - Guidance for Diversity in Airport Businesses Contracting and Workforce Diversity Programs
SN4804 - Staffing for Alternative Contracting Methods
SN5214 - 3D Digital Models as Highway Construction Contract Documents
SN5416 - Post-Construction Evaluation Practices for Highway Projects Delivered Using Alternative Contracting Methods
SN5509 - Open-books Pricing Practices for Construction Manager/General Contractor and Progressive Design-Build Projects
STSG20 - Performance Metrics in Third Party Contracts for Bus Operations and Maintenance

Councill
A001C – Young Members 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 Webinar: Maximizing Proceeds from the Fleet Asset Disposal Sales Process
July 23, 2024

TRB Webinar: Landscape of the Fixed-Base Operator Industry
July 25, 2024

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

National Aviation System Planning Symposium
May 15-18, 2023
Irving, CA

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’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