

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Construction Costs

TRB's involvement in research on Costs associated with construction from 2014-2023

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 Construction Costs within the past five years.

Subject Webpage

- [Construction Research at TRB](#)

Specialty Report

- [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 \(ACRP\)](#)
 - [ACRP Web-Only Document 18](#) - Airport Capital Improvements: Developing a Cost-Estimating Model and Database
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Legal Research Digest 86](#) - Managing Enhanced Risk in the Mega Project Era
 - [Legal Research Digest 88](#) - Consequential Damages Provisions in Construction Contracts: Legal Issues
 - [Ready Results](#) - Improving Cost Estimates for Preconstruction Services
 - [Report 821](#) - Effective Project Scoping Practices to Improve On-Time and On-Budget Delivery of Highway Projects
 - [Report 826](#) - Estimating Highway Preconstruction Services Costs. Volume 1: Guidebook
 - [Report 826](#) - Estimating Highway Preconstruction Services Costs. Volume 2 Guidebook
 - [Research Report 953](#) - Intermediate, and Long-Range Cost Forecasting: Guidebook for State Transportation Agencies
 - [Research Report 1025](#) - Contingency Factors to Account for Risk in Early Construction Cost Estimates for Transportation Infrastructure Projects
 - [Synthesis of Highway Practice 484](#) - Influence of Geotechnical Investigation and Subsurface Conditions on Claims, Change Orders, and Overruns
 - [Synthesis of Highway Practice 529](#) - How Transportation Agencies Assess the Value of Added Capacity Highway Projects Versus Other Modal Projects and Strategies
 - [Web-Only Document 283](#) - Improving Mid-Term, Intermediate, and Long-Range Cost Forecasting for State Transportation Agencies
- [Transit Cooperative Research Program \(TCRP\)](#)

- [Legal Research Digest 40](#) - Legal Issues Involving Surety for Public Transportation Projects

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 01-45](#) - Selecting, Procuring, and Implementing Airport Capital Project Delivery Methods
 - [NCHRP 20-06/Topic 25-06](#) - Legal Issues and Strategies for Best-Value Procurement for Highway Construction
 - [NCHRP 23-22](#) - Alternative Project Delivery Methods: Assessing and Allocating Risk to Increase Competition
 - [NCHRP Synthesis 20-05/Topic 54-12](#) - Programmatic Implementation of Alternative Delivery Methods by State Transportation Agencies
 - [NCHRP Synthesis 20-05/Topic 54-16](#) - Post-Construction Evaluation Practices for Highway Projects Delivered Using Alternative
 - [TCRP I-05/Topic 20-01](#) - Legal Issues in Transit Mega Projects--Case Studies
- [Upcoming Projects](#)
 - [NCHRP 10-115](#) - Guide on Progressive Design-Build for Transportation Projects
 - [NCHRP 10-118](#) - Guidance for Efficient Timelines and Incentives/Disincentives for Accelerated Bridge Construction Projects
 - [NCHRP 10-120](#) - Guidance for Including Right-Of-Way and Utilities in Value Engineering Studies
 - [NCHRP 10-122](#) - Cost Estimating Practices for Highway Projects
 - [TCRP I-05/Topic 19-04](#) - Transit Sponsor and Contractor Delay Damages and Remedies Due to Third Parties - Transit Facility Improvements-Common Legal Issues and Solutions

Reports from the [National Academies Press](#) on Construction

- [Transportation and Infrastructure » Construction](#)
- [Equitable and Resilient Infrastructure Investments](#)

Committees & Panels

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

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

- [AJE60](#) – Contracting Equity
- [AKB60](#) - Tunnels and Underground Structures
- [AKC00](#) - Construction
- [AKC10](#) - Construction Management
- [AKC20](#) - Project Delivery Methods
- [AKC30](#) - Quality Assurance Management
- [AKC40](#) - Construction of Bridges and Structures
- [ACK50](#) - Concrete Pavement Construction and Rehabilitation
- [ACK60](#) - Asphalt Pavement Construction and Rehabilitation

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

- [B0161](#) - Review of Federal Highway Administration Infrastructure R&D – Expert Task Group on Pavement
- [B0162](#) - Review of Federal Highway Administration Infrastructure R&D – Expert Task Group on Bridges

CRP Panels

- [D0226](#) - Implementation of Programmatic Life Cycle Cost Analysis in a Transportation Asset Management Framework
- [D10101](#) - Improving Mid-Term, Intermediate, and Long-Range Cost Forecasting: Guidance for State Departments of Transportation
- [D10122](#) - Update of the AASHTO Practical Guide to Cost Estimating (PGCE)
- [D1419](#) - Culvert Rehabilitation to Maximize Service Life While Minimizing Direct Costs and Traffic Disruption
- [D1605](#) - Development of Cost-Effective Treatments of Roadside Ditches to Reduce the Number and Severity of Roadside Crashes
- [D2308](#) - Guidelines of Incorporating Maintenance Costs into a Transportation Asset Management Plan
- [D2547](#) - Strategies to Reduce Agency Costs and Improve Benefits Related to Highway Access Management
- [SN5422](#) - Practices for Capturing Costs of Maintenance Operations in Maintenance Management Systems

Councils

- [A001C](#) – Young Members Coordinating Council

Recent and Upcoming Events

[Upcoming TRB Conferences](#) – Use left hand menu to filter events

[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

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

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

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