



TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Roundabouts

TRB's involvement in research on Roundabouts from 2015-2020

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 Roundabouts within the past five years.

Specialty Report

- [NCHRP Report 672](#) - Roundabouts: An Informational Guide – Second Edition

Recent Reports & Publications

- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 900](#) - Guide for the Analysis of Multimodal Corridor Access Management
 - [Report 888](#) - Development of Roundabout Crash Prediction Models and Methods
 - [Report 834](#) - Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities: A Guidebook
 - [Synthesis 550](#) - Alternative Intersection Design and Selection
 - [Synthesis 525](#) - Practices in One-Lane Traffic Control on a Two-Lane Rural Highway
 - [Synthesis 488](#) - Roundabout Practices
 - [Web-Only Document 222](#) - Guidelines for the Application of Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities
- [Transportation Research Record \(TRR\)](#)
 - [Volume 2637](#) - Motorcycles, Trucks, Buses, and Roundabouts
 - [Volume 2585](#) - Truck and Bus Safety; Roundabouts
 - [Volume 2556](#) - Operational Effects of Geometrics and Access Management

Current & Upcoming Projects

- [Current Projects](#)
 - [NCHRP 03-78C](#) - Training and Technology Transfer for Accessibility Guidelines for Roundabouts and Channelized Turn Lanes
 - [NCHRP 03-130](#) - Guide for Roundabouts
- [Upcoming Projects](#)

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

Committees & Panels

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

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

- [AKD80](#) - Roundabouts and other Intersection Design and Control Strategies

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

CRP Panels

- [D03130](#) - Guide for Roundabouts
- [D0378](#) - Crossing Treatments at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities

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.)

[4th International Conference on Transportation Geotechnics*](#)

August 30, 2020

Chicago, IL

[11th International Conference on the Bearing Capacity of Roads, Railways, and Airfields*](#)

June 22, 2021

Trondheim, Norway

[6th International Symposium on Highway Geometric Design*](#)

June 23, 2021

Amsterdam, the Netherlands

[12th International Conference on Concrete Pavements*](#)

August 29, 2021

Minneapolis, MN

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

[Past Webinars](#)

- [Roundabouts in the Manual on Uniform Traffic Control Devices](#) - April 13, 2020
- [Turbo-charged – Turbo roundabout advancements](#) - January 29, 2020
- [Metered Roundabouts – Peak Hour Flows and Part-Time Signalization](#) - November 21, 2019
- [Roundabout Implementation Experience - Overcoming Challenges](#) - August 29, 2019
- [Practical Design Principles for Affordable Roundabouts: Case Studies](#) - February 27, 2019
- [Case Studies: The Diversity of Roundabouts](#) - May 21, 2018
- [Intersection Control Evaluation for Roundabouts and Alternative Intersections](#) - March 20, 2018
- [Right-Sizing Roundabout Intersections for State Highways](#) - November 7, 2017
- [Analyzing Crashes on Multi-Lane Roundabouts](#) - October 2, 2017
- [Modern Roundabouts: Downtown and Suburban Revitalization](#) - September 18, 2017
- [Designing Multimodal Roundabouts: Making Them Safe and Efficient for All](#) - September 11, 2017
- [Accessibility Guidance for Roundabouts and Channelized Turn Lanes](#) - July 26, 2017
- [Reconstructing Old Traffic Circles into Modern Roundabouts](#) - April 19, 2017

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:

TRID - The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation - trid.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

Research in Progress (RiP) Database – Current or recently completed transportation research projects - rip.trb.org

Research Needs Statements (RNS) – Research needs as identified by TRB Technical Activities standing committees - rns.trb.org

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