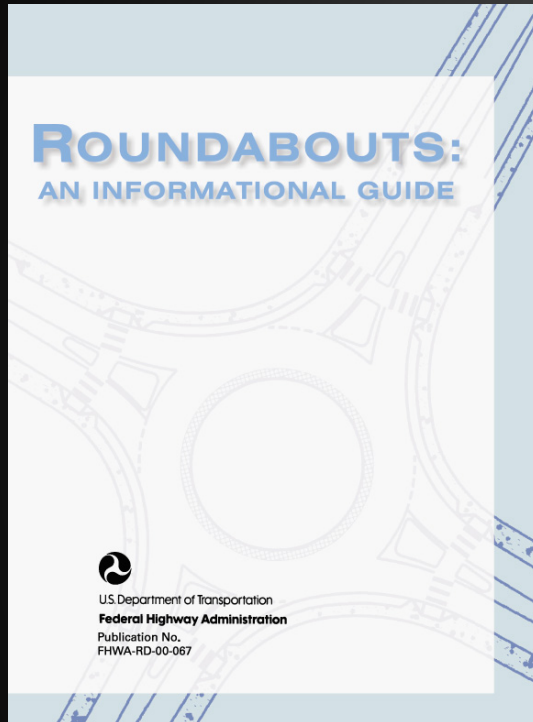




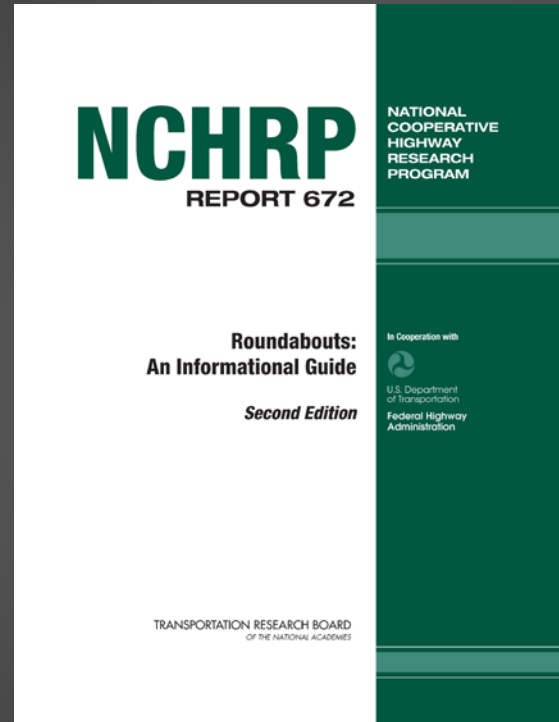
FHWA Roundabout Guide Update

Pete Jenior, Kittelson & Associates, Inc.

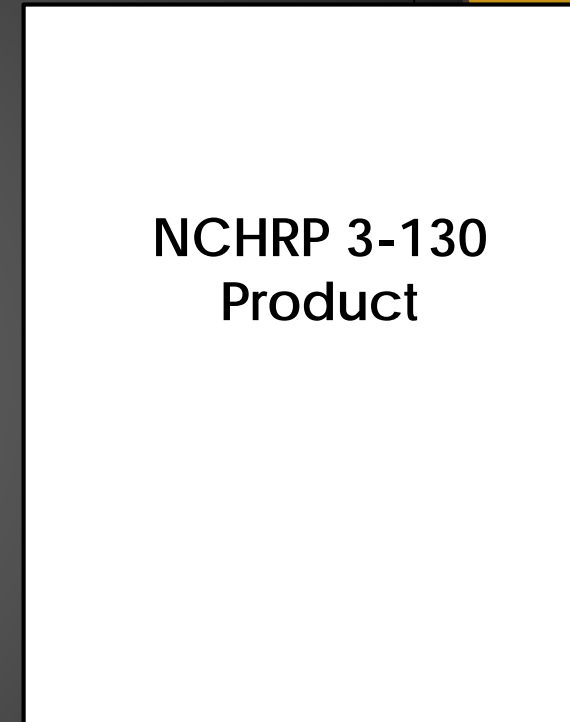
Roundabout Guides



2000



2010



~2020

NCHRP 3-130 Guide for Roundabouts Overview

- ▶ Project Schedule
 - ▶ June 2018 – December 2020
- ▶ Project Team
 - ▶ Texas A&M University
 - ▶ MSA Professional Services
 - ▶ Accessible Design for the Blind

Major Roundabout Research Since 2010

- ▶ FHWA Accelerating Roundabouts in the US
- ▶ NCHRP 3-110 Intersection Life Cycle Costs and state Intersection Control Evaluation (ICE) policies
- ▶ NCHRP 17-70 Roundabout Crash Prediction Models
- ▶ Roundabout Accessibility (Blind Pedestrian) Research – NCHRP and other
- ▶ FHWA Mini-roundabout research
- ▶ FHWA Reasons for Drivers' Failure to Yield at Multilane Roundabout Exits (just beginning)

Hot Topics in the Roundabout Research World

- ▶ Traffic Control Devices, including “signals at roundabouts”
- ▶ Standard and Oversize Truck Accommodation
- ▶ Bicycles
- ▶ Blind Pedestrian Wayfinding
- ▶ Illumination

NCHRP 3-130 Guide for Roundabouts

Scope in Brief

- ▶ Conduct research to fill gaps in the body of knowledge of roundabouts
- ▶ Prepare a new Guide for Roundabouts