Modern Roundabouts in the U.S.

Due to numerous benefits, states’ use of roundabouts has grown dramatically. For instance:

- **1992**: 3 states have roundabouts
- **1993**: 14 states have roundabouts
- **2007**: 44 states have roundabouts

Currently, there are more than 1,400 roundabouts operating in the U.S., with more than 100 planned or proposed.

Resources

- **safety.fhwa.dot.gov**
- **www.dot.state.nd.us**
- **www.dot.state.mn.us/roundabouts**
- **www.wsdot.wa.gov/Projects/roundabouts/**

**VIDEO INSTRUCTION ON HOW TO DRIVE A ROUNDBOUGHT**

- **www.mnltap.umn.edu/Publications/Videos/ModernRoundabouts/**
- **www.wsdot.wa.gov/eesc/CAE/designvisualization/video/Portfolio/Modern_Roundabouts/mpg_index.htm**

Modern Roundabouts

Helping Communities Reduce Injuries, Crashes, Emissions, and Congestion

Rural Transportation Safety and Security Center is a program of the Upper Great Plains Transportation Institute at North Dakota State University

For more information contact:
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What is a Modern Roundabout?

A modern roundabout is a circular intersection with yield control of entering traffic, islands on the approaches, and appropriate roadway curvature to reduce vehicle speeds. Modern roundabouts are different from rotaries and other traffic circles.

Vehicles yield to circulating traffic, slow to speeds of 15-20 mph, and follow traffic signs to travel in the desired direction.

Why Consider Roundabouts?

IMPROVED SAFETY

- 75% less potential vehicle conflict points (places where vehicles may collide)
- Head-on and high-speed right angle collisions are virtually eliminated
- 90% less fatalities*
- 76% less injuries**
- 34% less crashes**
- Slower vehicle speeds are safer for pedestrians

REDUCED CONGESTION

- Up to 65% less vehicle delays
- Up to 52% less vehicle stops
- Efficient during both heavy and light traffic times

REDUCED EMISSIONS AND FUEL CONSUMPTION

- Fewer stops and hard accelerations and less time spent idling

SAVED MONEY

- Often no signal equipment to power and maintain
- Often less pavement needed

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