

# Roundabouts

What is a roundabout?

A roundabout is a one-way, circular intersection that uses signs to guide motorists around them. They do not have traffic signals. Roundabouts have safe crossings for pedestrians and bicyclists.

## **FACTS about Roundabouts:**

Roundabouts are safe.

They have fewer and less severe crashes, 90% fewer deaths and 75% fewer injuries. In roundabouts, drivers cannot run red lights or stop signs. Roundabouts can be used in various intersection types.

Roundabouts have up to 40% fewer incidents with pedestrians and cyclists.

Roundabouts offer non-stop travel with no waiting at stop signs or traffic signals. Roundabouts accommodate up to 50% more traffic than typical intersections.

Roundabouts eliminate the cost of traffic signals and signal maintenance. During power outages, traffic still flows freely.

Businesses near roundabouts have seen an increase in sales with more customers who can easily and safely drive, walk, or bike there. They can also mark a business district or main street.

## **STATISTICS**

Benefits of a Roundabout:

Saves lives • Up to a 90% reduction in fatalities • 76% reduction in injury crashes • 30-40% reduction in pedestrian crashes • 75% fewer conflict points than four-way intersections

Slower vehicle speeds (generally under 25 mph) • Motorists have more time to judge and react to other cars or pedestrians • Advantageous to older and novice motorists • Reduces the severity of crashes • Keeps pedestrians safer  
Efficient traffic flow • 30-50% increase in traffic capacity

Reduction in pollution and fuel use • Improved traffic flow for intersections that handle a high number of left turns • Reduced need for storage lanes

Potential money saved • No signal equipment to install and repair • Savings estimated at an average of \$5,000 per year in electricity and maintenance costs • Service life of a roundabout is 25 years (vs. the 10-year service life of signal equipment) Community benefits • Traffic calming • Aesthetic landscaping

For safety tips and more information, please visit: [www.AlertTodayFlorida.com](http://www.AlertTodayFlorida.com)  
Source: Federal Highway Administration