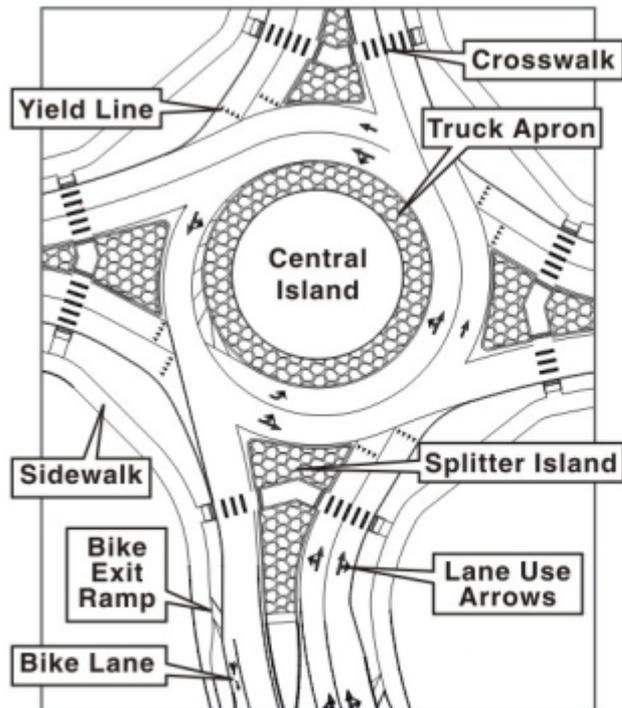


## What is a Roundabout?

A roundabout is a circular intersection with the following characteristics:

- Entering vehicles YIELD to vehicles in the intersection;
- Vehicles travel at slower speeds which increases safe travel through the intersection; and
- Traffic circulates counterclockwise through the intersection which reduces conflicts and the number of decision points for users.

## Common Roundabout Features



## Benefits of a Roundabout

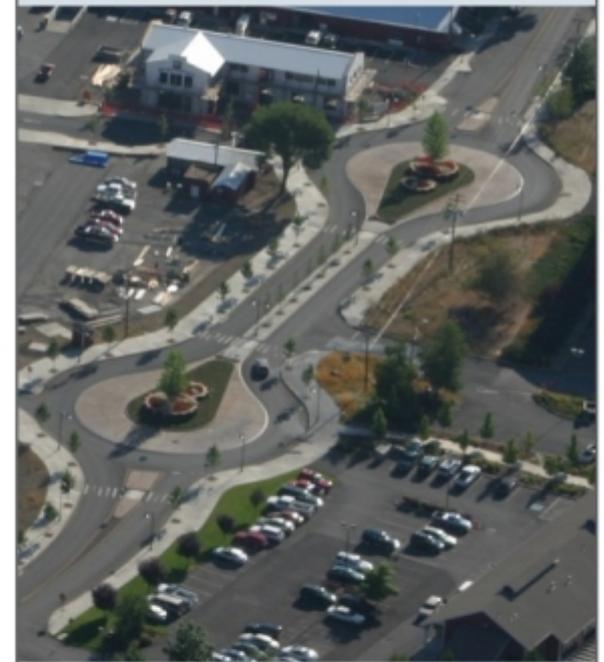
- Slower vehicle speeds
  - ▶ More time to react and make decisions; advantageous for older and novice drivers
  - ▶ Reduces the severity of crashes, if they occur, 76% fewer injury crashes
  - ▶ Safer environment for pedestrians and bicyclists
- Yield control creates efficient traffic flow and often lower average delay at the intersection
- Reduces pollution and fuel use due to fewer stops and hard accelerations
- Aesthetically appealing; an opportunity to preserve natural features



Written materials are available in alternative formats upon request.  
Please call (541) 693-2141  
or e-mail at [ADA@ci.bend.or.us](mailto:ADA@ci.bend.or.us)

For more information visit us on the web at [www.ci.bend.or.us/roundabouts](http://www.ci.bend.or.us/roundabouts)

# Roundabouts— Another Safe Intersection



## Welcome to Another Safe Intersection

The City of Bend has successfully used single-lane roundabouts as a tool to improve safety and operations on the roadway network. As Bend and the surrounding area continues to grow, the City is introducing multilane roundabouts as another safe solution to serve traffic.

**Roundabouts have become increasingly common in the United States.**

- They have proven safety benefits.
- Roundabouts often operate more efficiently than a traffic signal or stop sign.
- Roundabouts are a great means for accommodating traffic growth.

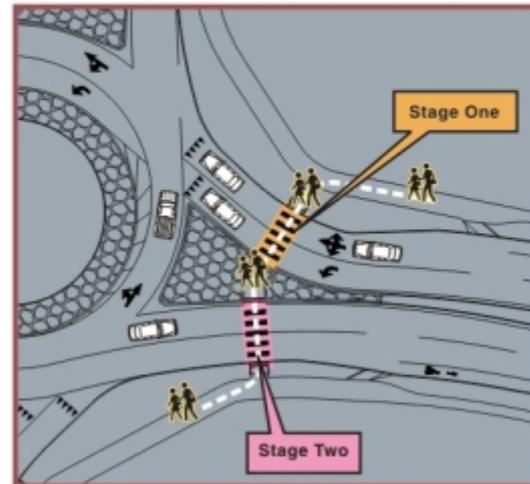
**Multilane roundabouts fundamentally operate in the same manner as their single-lane counterparts.**

- Follow the same basic principles and rules as intersections with traffic signals or stops signs.
- Make safe choices just like any other intersection.
- Know your surroundings and mind the rules that govern the road.

*Applying the ideas and suggestions provided here will help all of us make safe choices when we take to the road as a pedestrian, bicyclist, motorist, or truck driver.*

## How to Use the Multi-Lane Roundabout

### Pedestrians



#### Two-Stage Crossing

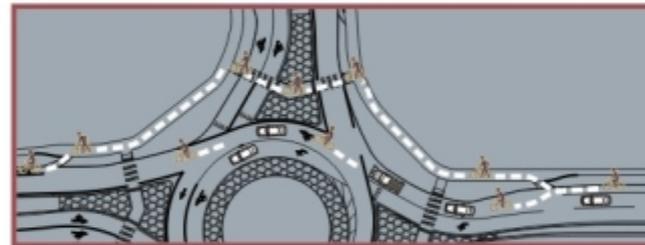
- Stage One—Cross to the Splitter Island
- Stage Two—Cross to the Opposite Side

- ♦ Use Crosswalks.
- ♦ Pick a Safe Gap.
- ♦ Cross in Two Stages.

- ♦ Watch for Vehicles in BOTH lanes to STOP.
- ♦ Be seen — make sure drivers can see you.

### Bicyclists

- ♦ Decide if you want to act as a car or a pedestrian.



#### If Acting as a pedestrian . . .

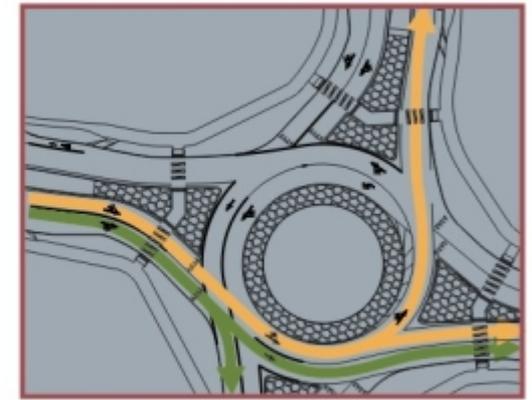
- ♦ Walk your bike.
- ♦ Use the crosswalks.

#### If Acting as a Car . . .

- ♦ Take your lane.
- ♦ Ride defensively, motorists may not see you.

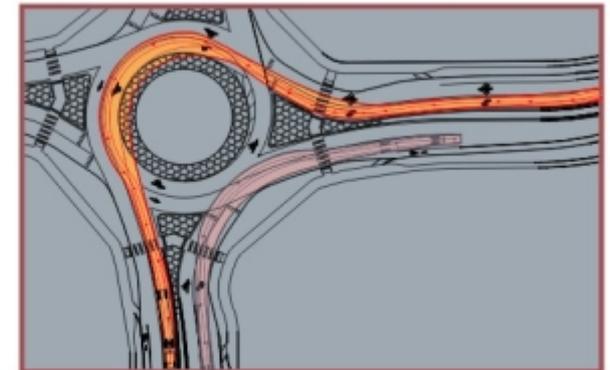
\* JUST LIKE ANY OTHER INTERSECTION \*

### Motorists



- ♦ Choose Your Lane in Advance.
  - ▶ left to go left
  - ▶ right to go right
  - ▶ through to go through
- ♦ Pick a Safe Gap.
- ♦ Stay in Your Lane.
- ♦ Be aware.
  - ♦ Watch for pedestrians.
  - ♦ Watch for bikes in the roadway.
  - ♦ Allow trucks to use BOTH lanes.

### Large Trucks



- ♦ Decide in Advance.
- ♦ Watch for Conflicts.
- ♦ Take BOTH Lanes.
- ♦ Monitor your speed.
- ♦ Watch for cars and bikes in the roadway.
- ♦ Use the truck apron.

\* JUST LIKE ANY OTHER INTERSECTION \*