



# WHY ROUNDABOUTS?

## WHAT IS A ROUNDABOUT?

A one-way circular intersection with:

- A large central island
- Yield signs on all approaches
- Islands to separate flows of traffic from each other and from pedestrians
- Geometric features to slow down traffic

## BETTER OPERATIONS

- Lower Delays and fewer vehicles waiting in a queue than the signal alternative

## AESTHETICS

- Central island creates landscaping opportunities

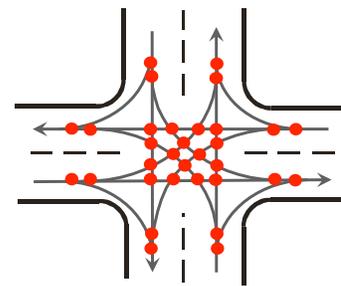


## SAVE FUEL & REDUCE EMISSIONS

- Reduce fuel consumption by about 30%
- Reduce emissions by 20-40%
- Limited or no stopping/idling during off-peak periods

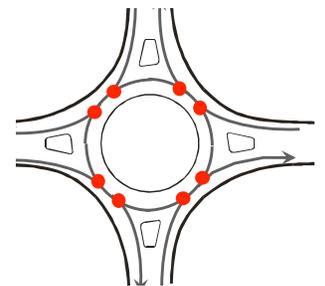
## SAFETY PERFORMANCE

- 90-100% reduction in fatalities
- 80% reduction in injuries
- 35-50% reduction in total crashes



### 32 CONFLICT POINTS

- High-Speed
- Angle Crashes
- High Impact



### 8 CONFLICT POINTS

- Low-Speed
- Non-Angle Crashes
- Low Impact

MULTI MODAL ROUNDABOUT		Make Safe Choices*							
	Pedestrian		Bicyclist		Motorist		Trucker		Emergency Vehicles
<ul style="list-style-type: none"> <li>■ Use crosswalks*</li> <li>■ Pick a safe gap</li> <li>■ Cross in stages</li> </ul>		Decide if you will act as a car or pedestrian <ul style="list-style-type: none"> <li>■ Act like a Car               <ul style="list-style-type: none"> <li>» Take the entire lane</li> <li>» Obey the driving rules</li> </ul> </li> <li>■ Act Like a Pedestrian               <ul style="list-style-type: none"> <li>» Walk your bike</li> <li>» Use the crosswalks</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>■ Watch for pedestrians*</li> <li>■ Watch for bikes in the roadway*</li> <li>■ Yield to traffic already in the roundabout</li> </ul>		<ul style="list-style-type: none"> <li>■ Use truck apron</li> <li>■ Watch for conflicts*</li> </ul>		<ul style="list-style-type: none"> <li>■ Move out of the way*</li> <li>■ Before the roundabout               <ul style="list-style-type: none"> <li>» Pull over*</li> </ul> </li> <li>■ In the Roundabout               <ul style="list-style-type: none"> <li>» Drive through and then pull over*</li> </ul> </li> </ul>	

\* Just like other intersections