

TRAFFIC CALMING & ROUNDABOUTS

FREQUENTLY ASKED QUESTIONS

Q: WHY ARE YOU BUILDING A ROUNDABOUT INSTEAD OF A TRADITIONAL INTERSECTION?

A: Time and time again, roundabouts have been proven to be significantly safer for drivers, bikers and pedestrians than traditional intersections. Additionally, they allow traffic to continue flowing, even during peak travel times.

Q: WILL LARGER VEHICLES BE ABLE TO USE THE ROUNDABOUT?

A: The new roundabout on 967 will be able to accommodate all the larger vehicles that currently use 967, including emergency service vehicles and trucks with livestock trailers.

Q: HOW WILL DRIVERS IN OUR COMMUNITY KNOW HOW TO REACT TO APPROACHING EMERGENCY VEHICLES?

A: In this way, roundabouts are no different from other intersections – drivers must clear the intersection, pull off to the right, and let the emergency vehicle pass. To help educate drivers, there are many excellent resources available from states and cities where roundabouts are common. First responders can contribute to general roundabout education and outreach in a community by helping explain to the public how to react when an emergency vehicle approaches.

Q: WILL THE NEW ROUNDABOUT IMPACT EMERGENCY RESPONSE TIMES?

A: As it does now, traffic will fluctuate throughout the day, but roundabouts have been shown to improve travel time by eliminating the delays experienced at a traditional intersection.

ROUNDABOUTS TYPICALLY ACHIEVE:



UP TO 50% INCREASE IN TRAFFIC CAPACITY



REDUCTION IN OVERALL COLLISIONS



REDUCTION IN VEHICLE EMISSIONS



REDUCTION IN FATALITY COLLISIONS



REDUCTION IN PEDESTRIAN COLLISIONS



REDUCTION IN INJURY COLLISIONS

VALUE OF TRAFFIC CALMING

INCREASED QUALITY OF LIFE

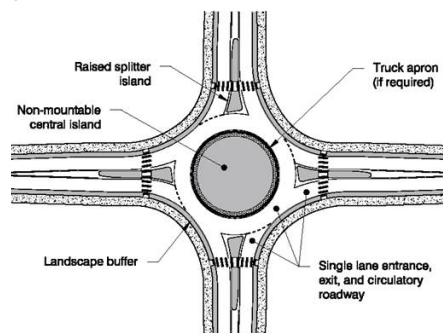
SAFE AND EFFICIENT MOVEMENT OF ALL STREET USERS

SENSE OF PLACE FOR COMMUNITIES

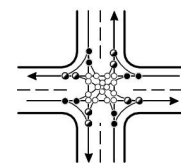
Modern Roundabout

A modern roundabout is a one-way, circular intersection where traffic flows counter clockwise around a center island. Modern roundabouts use yield signs rather than traffic lights to control vehicles entering the intersection. This intersection design only has eight potential conflict points, opposed to a traditional “four-way” signalized intersection which has 32 potential conflict points.

Typical Single Lane Roundabout

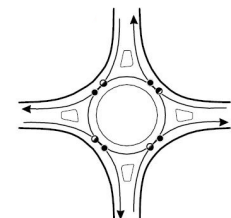


Typical Intersection Conflicts



Conflict Points
 ● Diverging
 ● Merging
 ○ Crossing

Roundabout Conflicts



Driving in a Modern Roundabout

Slow down as you approach the intersection, yield to traffic already in the circle, enter the circle and follow the loop in a counter clockwise direction, and then make a right turn to exit the roundabout. Road signs, pavement markings and its design help guide drivers through a modern roundabout.