

Why a Roundabout?

Roundabouts move traffic safely and efficiently through an intersection because of:

- Slower speeds
- Fewer conflict points
- Easy decision-making

Studies show that roundabouts provide a:

- 90% reduction in fatal crashes
- 75% reduction in injury crashes
- 30 to 40% reduction in pedestrian crashes

Slower vehicle speeds mean:

- Drivers have more time to judge and react
- Easier to use for older and beginner drivers
- Reduction in severity of crashes
- Pedestrians are safer

Efficient Traffic Flow

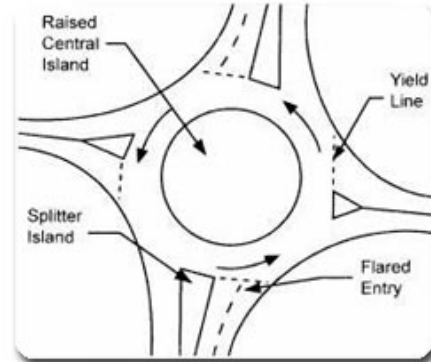
- Traffic always on the move-less delay
- 30 to 50% increase in traffic capacity

Other benefits

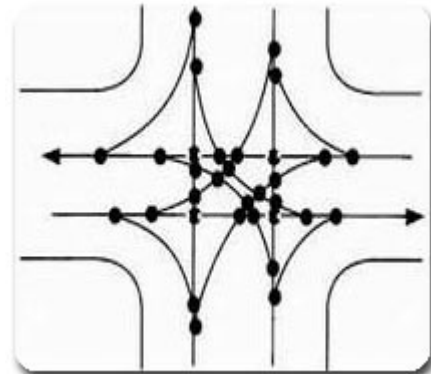
- Reduction in pollution and fuel use
- Less noise due to fewer stops and starts
- No signal equipment to install and maintain
- Provides traffic calming
- Improves visual quality and character through aesthetic landscaping

These are a few of the reasons the federal, state and local governments are across the United States are beginning to implement hundreds of roundabouts intersections. The National Institute for Highway Safety is also a proponent of roundabouts since statistics show they are safer than traditional intersections.

Diagram of a typical roundabout



Compared to standard intersections, there are fewer conflict points in a modern roundabout



(Above) Traditional Intersection has 32 conflict points (Below) Modern roundabouts have 16 conflict points. Accidents in roundabouts are typically minor due to slower speeds and indirect conflict points.

