Benefits of a roundabout:

Reduction in Collisions by Type

- Overall: 37%
- Injury: 75%
- Fatality: 90%
- Pedestrian: 40%

Roundabouts increase safety
Up to 90% reduction in fatalities
75% reduction in injury crashes
40% reduction in pedestrian crashes
75% fewer conflict points than four-way intersections

Roundabouts save money
No signal equipment to install or repair
Estimated savings of $5000 per year in electricity and maintenance costs
Longer service life of 25 years vs. 10 years for signal equipment

Roundabouts increase intersection efficiency
30-50% increase in traffic capacity

Roundabouts are community friendly
Reduce pollution and fuel use caused by congestion
Lessen need for long turn storage lanes
Calm traffic
Aesthetic landscaping

Emergency vehicles in the roundabout

1. Always yield to emergency vehicles.
2. If you have not entered the roundabout, pull over and allow emergency vehicles to pass.
3. If you have entered the roundabout, continue to your exit, then pull over to the right to allow emergency vehicles to pass.
4. Avoid stopping in the roundabout.

Find more roundabout information at:
http://safety.fhwa.dot.gov/intersection/roundabouts/

McHenry County
Division of Transportation
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GETTING AROUND:

Navigating the Modern Roundabout
Modern roundabouts have been employed safely and effectively all over the world for many years, and are becoming more common in the U.S. because they provide safer and more efficient traffic flow than standard intersections. Navigating a roundabout is easy — and since traffic moves in only one direction through the intersection, there are fewer, less severe conflict points and traffic flows smoothly.

Navigating a multi-lane modern roundabout

Look to the left for traffic. Enter when it is safe to do so and keep your speed low.

Use the inner lane to go straight, left or make a U-turn.

Use the outer lane to go right or straight.

Signal right and exit.

Bicyclists can either use the travel lane or use the path and crosswalk.*

Elements of the modern roundabout:
- center island
- truck apron
- splitter island
- bike/pedestrian path*
- bike/pedestrian crossing*

*not all roundabouts contain bike/pedestrian accommodations

Signs in a modern roundabout:

How to drive a roundabout:
1. Slow down, obey traffic signs.
2. Yield to pedestrians and bicyclists.
3. Yield to traffic on your left already in the roundabout.
4. Enter the roundabout when there is a safe gap in traffic.
5. Keep your speed slow (20 mph) within the roundabout.
6. As you approach your exit, turn on your right turn signal.
7. Yield to pedestrians and bicyclists as you exit.

Pedestrians and the roundabout:
1. At the curb, look left for traffic approaching the roundabout.
2. Cross to the splitter island.
3. Check right for oncoming traffic, finish crossing.
4. Pedestrians do not cross to the center island.