



● - Crashes of this type are generally more severe types.

Benefits of a Roundabout over a Signalized Intersection

Safety

- Up to 90% reduction in fatalities
- 76% reduction in injury crashes
- 30-40% reduction in pedestrian crashes
- Fewer conflict points equal fewer opportunities for crashes

Slower Vehicle Speeds

- Drivers have more time to judge and react to cars/pedestrians
- Advantageous to older and novice drivers
- Reduces the SEVERITY of crashes
- Safer for pedestrians
- Uniform and predictable speeds

Community Benefits

- Traffic calming
- Aesthetic landscaping
- Reduced vehicle emissions
- Reduced fuel consumption

We're building for the future of Northeast Wisconsin. Roundabouts offer better traffic operations than signalized intersections and longer-term solutions for growing traffic volumes.

TRAFFIC OPERATIONS		
	TRAFFIC SIGNAL	ROUNDBOUT
CAPACITY	↓	↑
LEVEL OF SERVICE	↓	↑
TRAFFIC SPEED	Not limited by geometrics	Restrained to 18-30 mph by geometrics
OPERATIONAL BENEFITS	More delay to all vehicles	Less delay

Legend
 ↑ Increase
 ↓ Decrease