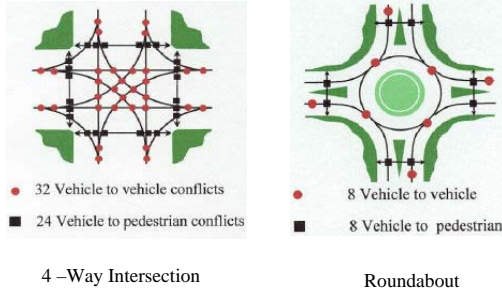


ROUNDBOUT INFORMATION

WHAT ARE THE BENEFITS OF A ROUNDABOUT ??

Possible Conflict Points: Roundabout vs. 4 Way Intersection



SAFETY BENEFITS OF ROUNDABOUTS VS. OTHER TYPES OF INTERSECTIONS

- 90% Fewer Fatalities**
- 75% Fewer Injury Accidents**
- 35% Fewer Accidents**
- 35% Fewer Pedestrian Accidents**
- 10% Fewer Bicycle Accidents**

Ref.: FHWA Study

Safety – There are fewer conflict points where vehicles can get into an accident in a roundabout as opposed to a 4-way intersection. This combined with the slower speed of vehicles in a roundabout make them very safe.



Less pollution – Because vehicles are moving slowly and not stopping and starting like at other types of intersections vehicles will use less gas and emit less pollution into the environment.

Capacity – Because of the free flow nature of a roundabout, the slower speeds and closer vehicles tend to travel through roundabouts, more vehicles can go through a roundabout. Studies show that a roundabout can process about 30% more traffic than other types of intersections.



U-Turns – Roundabouts provide access to all approaches and also make U-Turns easy and convenient. All vehicles, including tractor trailers can make U-Turns at a roundabout.



Aesthetics – The central island of the roundabout provides a location where landscaping can be placed. This landscaping can beautify the area and provide a gateway treatment to the community