

NUMBERS

AROUND

ROUNDBABOUTS

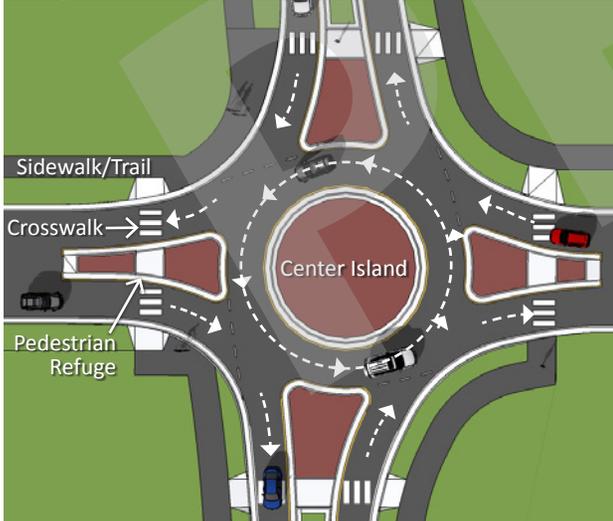
89% reduction in FATAL crashes

75% reduction in INJURY crashes

40% reduction in all crashes

Roundabouts eliminate T-Bone and Head-On crashes that occur at traditional intersections and are the leading cause of injury related crashes.

Key Characteristics of a Roundabout



15-20 mph average speeds



easier to react to pedestrians and merge with vehicles

only

8 conflict* points
vs.
32



conflict points in a traditional intersection

* A conflict point is any location vehicles interact with another vehicle, pedestrian or bicycle.

Keeps traffic moving:

Less stopping and starting time.

Less idling time.

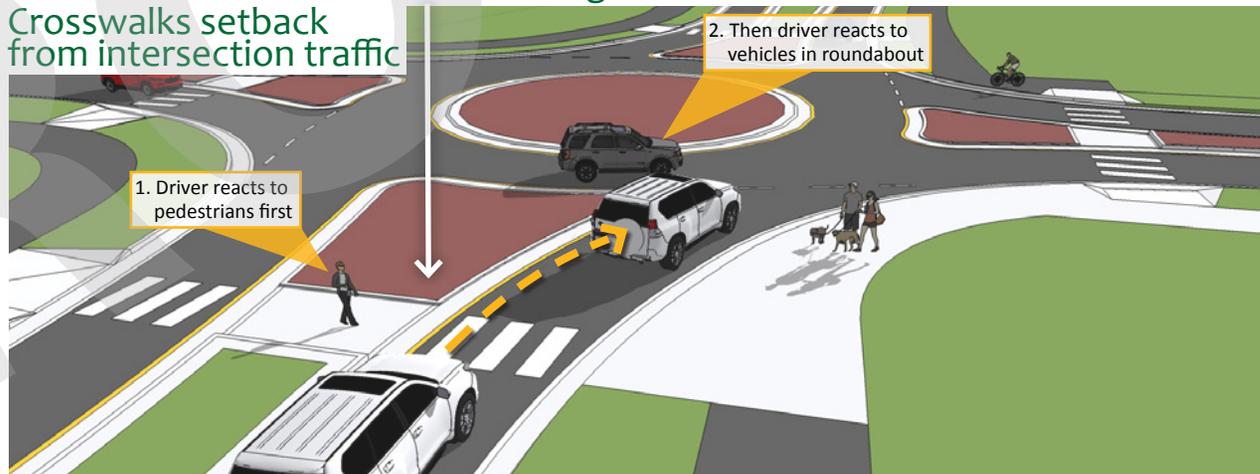
Pedestrian Safety:

1/2 the pedestrian crossing distance vs. a traditional intersection crosswalk

pedestrian refuge allows for shorter crossing distance with **2** stage crossing

83% of vehicles yield to pedestrians in a roundabout vs. **7%** in a traditional intersection

Crosswalks setback from intersection traffic



The center island is designed to allow large vehicles/trucks to drive up and over the curb to proceed through the intersection.



BOLTON & MENK

Real People. Real Solutions.