

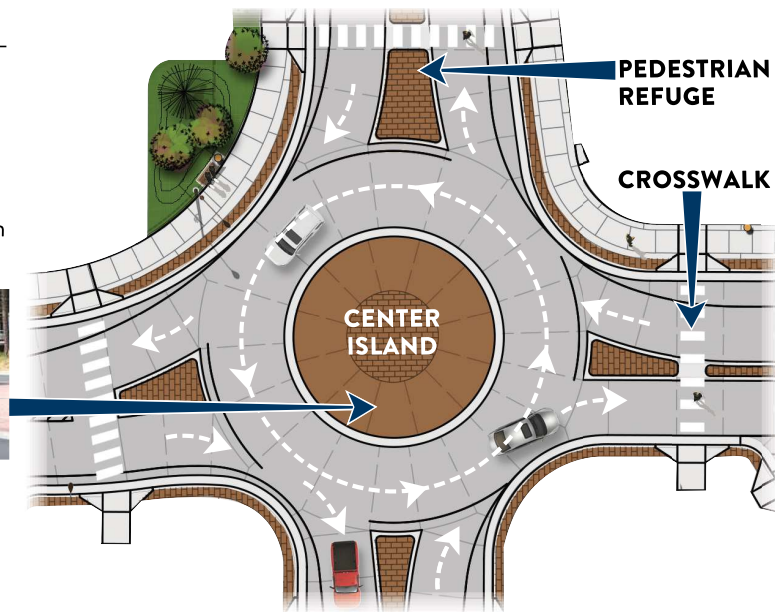
KEY CHARACTERISTICS OF A ROUNDABOUT

MINI-ROUNDABOUTS

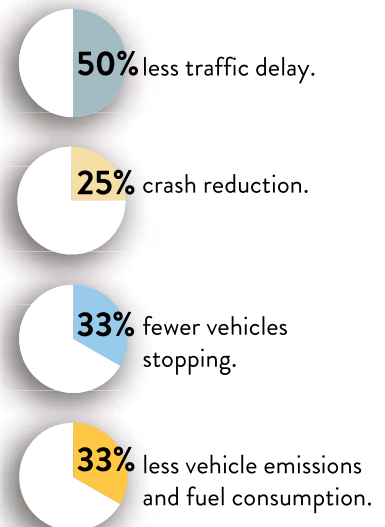
The roundabouts proposed as part of this project are considered mini-roundabouts. Mini-roundabouts are smaller than traditional roundabouts, allowing for its construction within a physically constrained location.



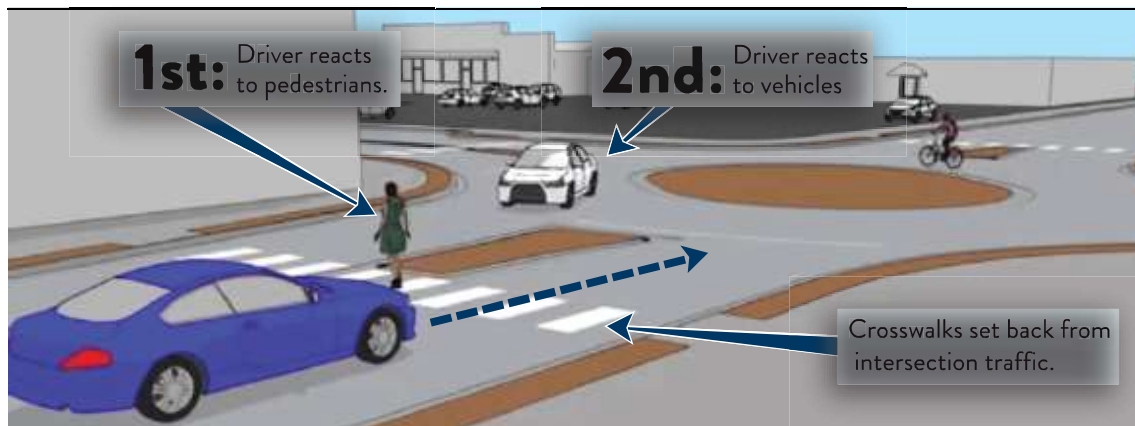
The center island is designed to allow trucks to drive up and over the shallow curb to proceed through the intersection.



ROUNDABOUT VS. TRADITIONAL INTERSECTION



PEDESTRIAN SAFETY



- 1/2 the pedestrian crossing distance vs. a traditional intersection crosswalk.
- Pedestrian refuge allows for shorter crossing distance with 2 stage crossings.
- 83% of vehicles yield to pedestrians in a roundabout vs 7% in a traditional intersection.

- 15-20 mph average speed allows motorist more reaction time for pedestrians and merging vehicles.



- Only 8 conflict points vs 32 in a traditional intersection with another vehicle, pedestrian or bicycle.

* 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.

PROJECT CONTACT

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RESOURCES:

HCM Evaluation Worksheet, LRRB

<http://www.lrrb.org/PDF/201421.pdf>

Insurance Institute for Highway Safety