

# SAFERoad SOLUTIONS

EFFECTIVE ROAD DESIGNS EXPLAINED



## Mini-Roundabouts



**Mini-roundabouts** function the same as roundabouts, with the added benefit of having a smaller footprint.

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### BENEFITS

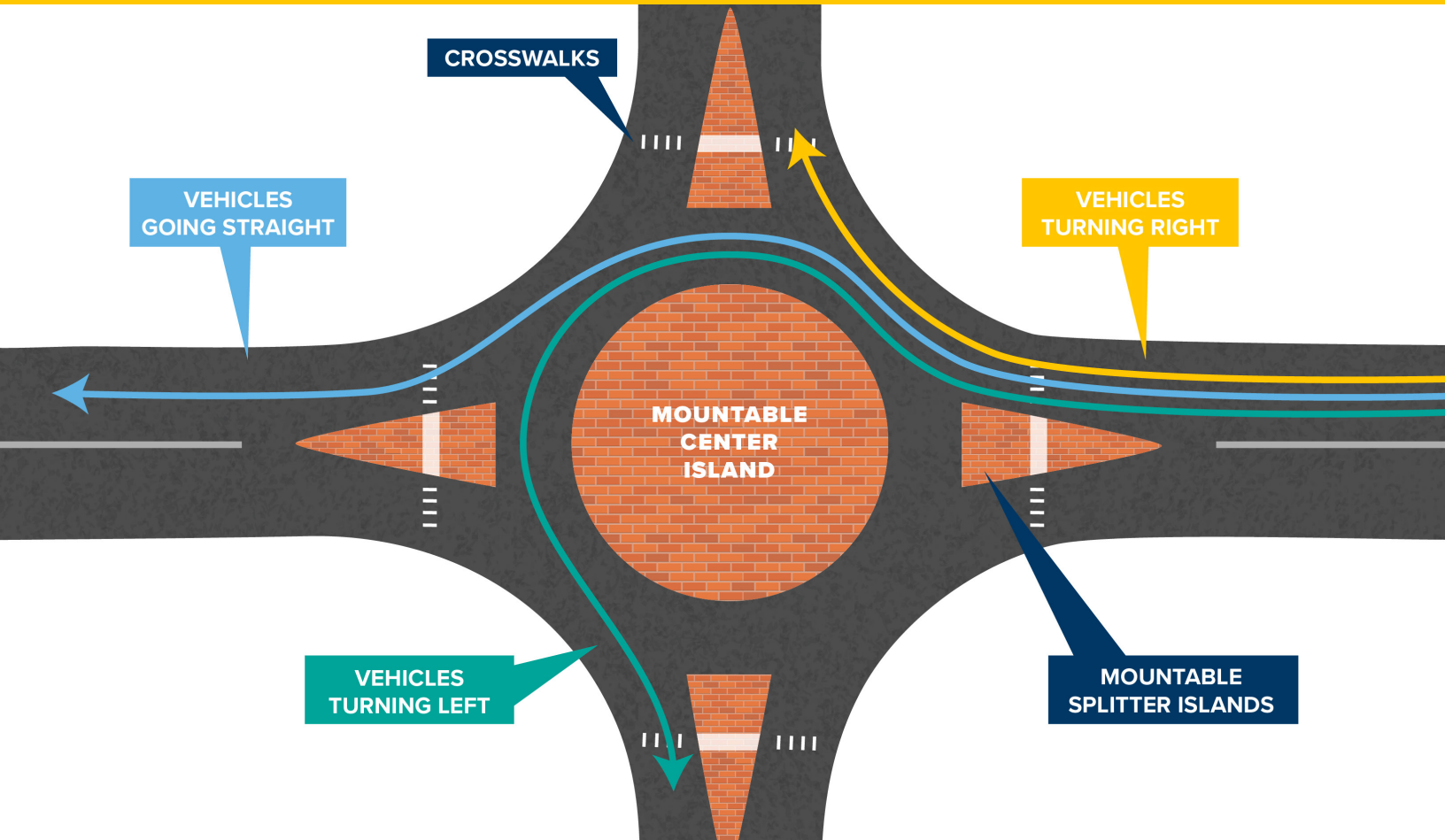
- **Enhanced safety** – roundabouts reduce the number and severity of crashes by eliminating the risk of head-on and T-bone crashes.
- **Save time** – roundabouts streamline vehicle movement allowing drivers to experience fewer stops, shorter delays and less congestion.
- **Reduce pollution and fuel use** – motorists add fewer emissions to the environment, as they make fewer stops followed by hard accelerations and spend less time idling.
- **Take up less space** – mini-roundabouts have a smaller footprint than standard roundabouts.
- **Save taxpayer dollars** – mini-roundabouts are unsignalized, so taxpayers do not have to pay to construct, maintain or power traffic signals. Mini-roundabouts also cost less to construct than standard roundabouts.

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### WHAT TO KNOW ABOUT MINI-ROUNDAABOUTS

- Like other roundabouts, mini-roundabouts are one-way circular intersections where vehicles move counterclockwise around a central island yielding to vehicles already within the circle.
- There are no traffic signals or stop signs so vehicles can flow continuously through the intersection.
- The islands within a mini-roundabout are paved and designed to allow for larger vehicles to drive over them when extra space is needed.

### WHEN TO USE A MINI-ROUNDAABOUT

*A mini-roundabout is effective for an area with:*

- Low speeds
- A high volume of crashes, especially left turn crashes
- A high volume of traffic
- A low volume of tractor trailers, busses or other large vehicles
- Environmental constraints that would not allow for a standard-size roundabout

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