

The modern roundabout is an intersection with a circular configuration that safely and efficiently moves traffic. Roundabouts feature channelized, curved approaches that reduce vehicle speed, entry yield control that gives right of way to circulating traffic, and counterclockwise flow around a central island that minimizes conflict points. The net result of lower speeds and reduced conflicts at roundabouts is an environment where crashes that cause injury or fatality are substantially reduced.

Roundabouts are not only a safer type of intersection; they are also efficient in terms of keeping people moving. Even while calming traffic, they can reduce delay and queuing when compared to other intersection alternatives. Furthermore, the lower vehicular speeds and reduced conflict environment can create a more suitable environment for walking and bicycling.

Roundabouts can be implemented in both urban and rural areas under a wide range of traffic conditions. They can replace signals, two-way stop controls, and all-way stop controls. Roundabouts are an effective option for managing speed and transitioning traffic from high-speed to low-speed environments, such as freeway interchange ramp terminals, and rural intersections along high-speed roads.

Roundabouts reduce intersection crashes that result in death or injury by [82 percent](#) on average. The life-saving benefits of roundabouts are due in large part to the reduced conflict points and slower speeds, 15-25 mph on average. Roundabouts also improve traffic flow.

Quick facts about roundabouts:

- Over [11,000 roundabouts](#) have been installed in the U.S.
- Lower speeds of [15-25 mph](#) make roundabouts a safer choice for everyone, especially for pedestrians and bicyclists.
- Roundabouts [reduce traffic delays](#) by 62-74 percent.
- Roundabouts can cost less than signals over time because they do not require signal equipment installation, power, and maintenance.

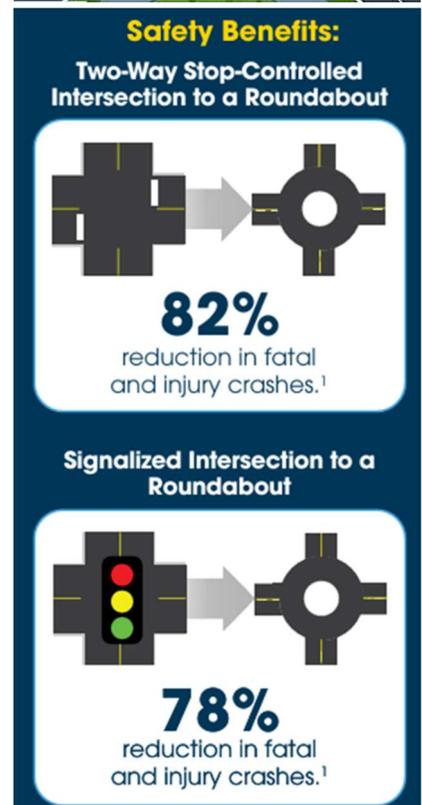
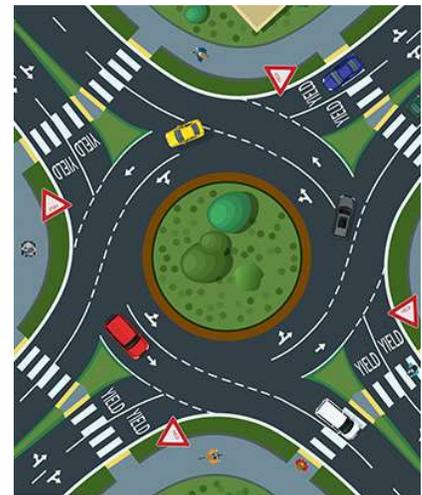


Illustration of multilane roundabout and safety statistics.
Source: FHWA