

# Safety benefits of roundabouts

- Low speeds (due to geometric configuration)
- Vehicles typically travel at similar speeds
- Crash frequency and severity typically less than other intersections
- One directional flow (counterclockwise)
- Yield on entry (all approaches)
- Pedestrians cross one direction of traffic at a time
- Right angle, left-turn, and head-on collisions unlikely

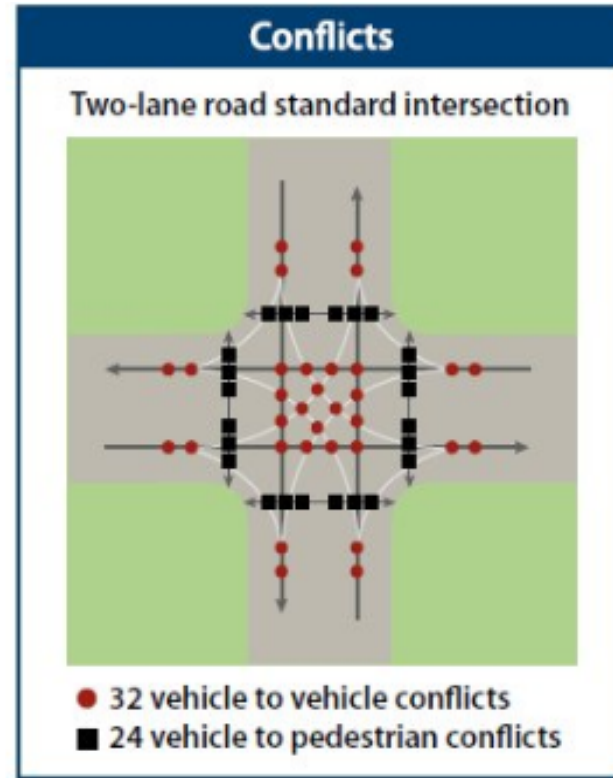


Figure 2: 32 vehicle conflict points  
Source: FHWA Roundabouts: An Informational Guide

VS  
➔

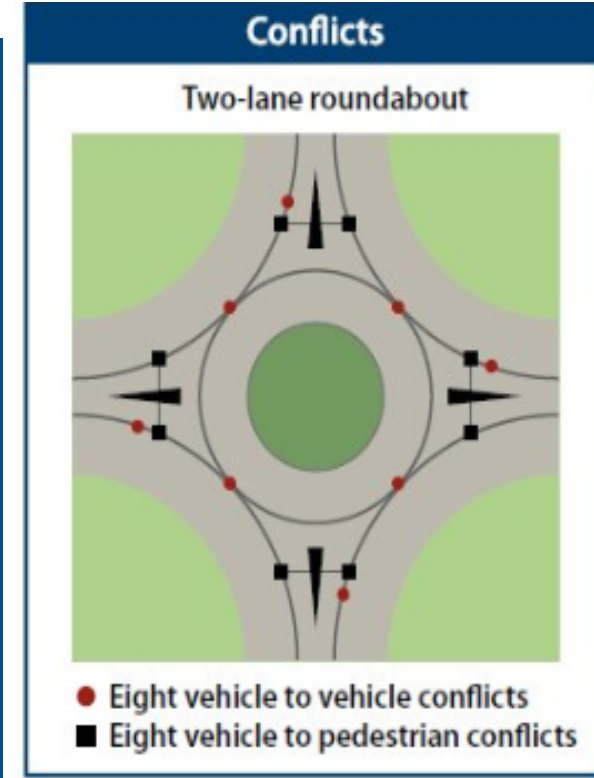


Figure 1: Eight vehicle conflict points  
Source: FHWA Roundabouts: An Informational Guide

A study of 19 higher-speed rural intersections (speed limits of 40 mph or higher) that originally had stop signs in all crashes and an 85 percent reduction in injury crashes ([Isebrands & Hallmark, 2012](#)).