

Roundabouts

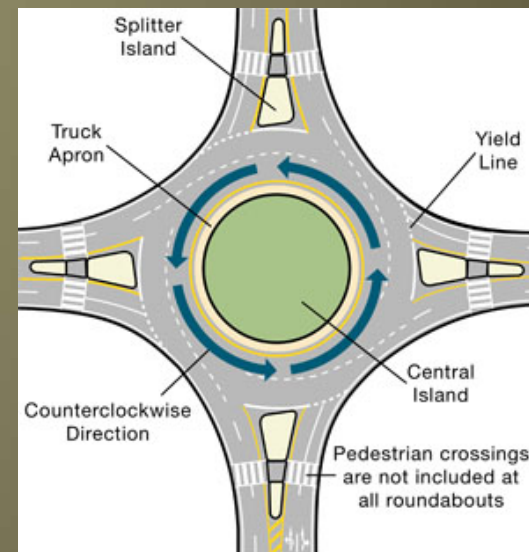
Cartersville-Bartow County Metropolitan Planning Organization

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What is a Roundabout?

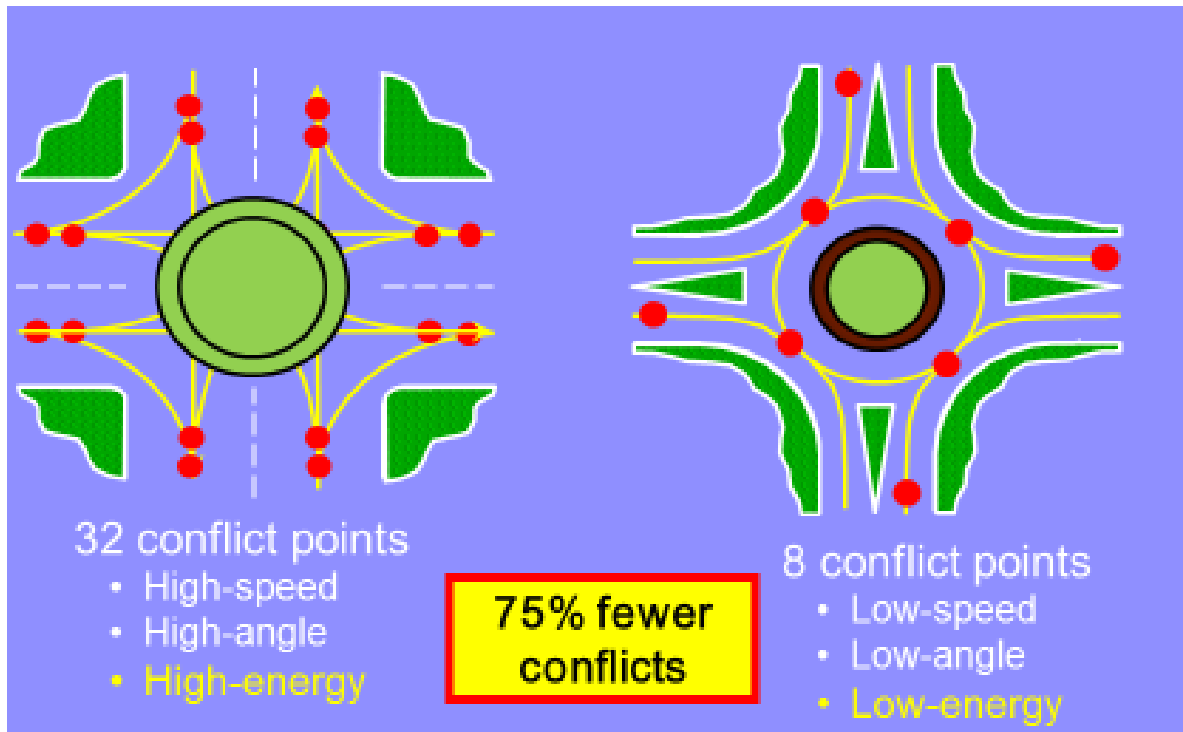


- Circulatory roadway
- Around a central island
- All traffic flows counter-clockwise
- Viable intersection alternative
- Can be significantly safer than traffic signals
- Operate more efficiently than 4 way stops
- Can operate more efficiently than traffic signals
- Not a traffic circle



Comparison of Vehicle Conflict Points

Comparison of Vehicle Conflict Points



Safety Studies of Roundabouts

NCHRP Report 572 – Roundabouts in the US

Before-after studies at 55 intersections

- 35% overall decrease in crashes
- 76% decrease in injury crashes
- 81% decrease in fatal/incapacitating crashes for single lane urban roundabouts
- 71% decrease in fatal/incapacitating crashes for single lane rural roundabouts