



SR 29 Intersection Improvements in Rutherford and Oakville

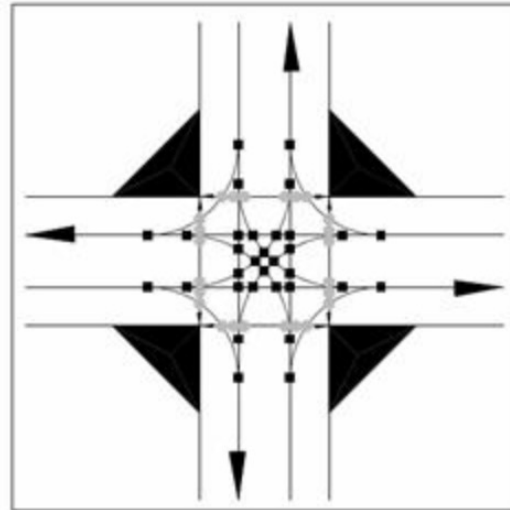


Benefits of Roundabouts

Fewer
conflict
points
(70% reduction)

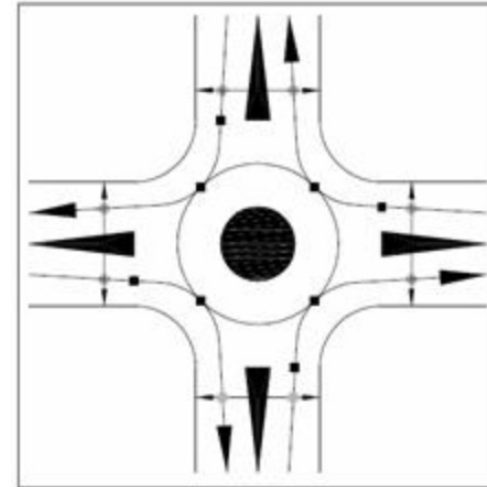


Four-Legged
Intersection



Standard two-lane conflict points

Four-Legged
Roundabout Intersection



Single-lane roundabout conflict points



Source: <https://iowadot.gov/traffic/roundabouts/BENEFITS-OF-GOING-IN-CIRCLES>

Benefits of Roundabouts

Improve
safety

Lower vehicle speeds



Improve Operational Performance/
Continuous flow of traffic without stopping



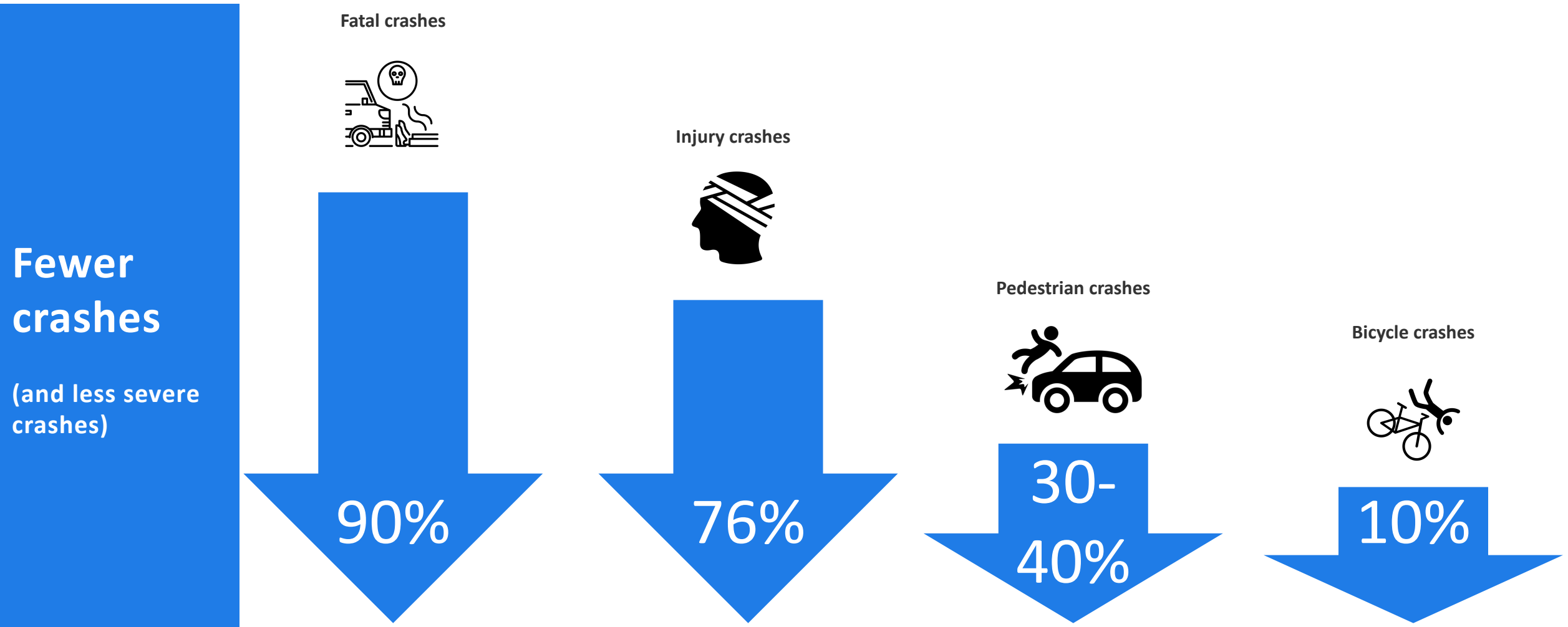
Pedestrians cross one
direction of traffic at
a time



Sources: <https://iowadot.gov/traffic/roundabouts/BENEFITS-OF-GOING-IN-CIRCLES>

Insurance Institute for Highway Safety

Benefits of Roundabouts



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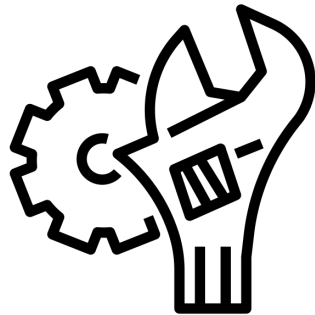
Benefits of Roundabouts

Other benefits

Less vehicle emission and pollution



Lower maintenance costs as compared to a traffic signal



Enhanced landscaping



Sources: <https://iowadot.gov/traffic/roundabouts/BENEFITS-OF-GOING-IN-CIRCLES>

Insurance Institute for Highway Safety

How do motorists
use a roundabout?





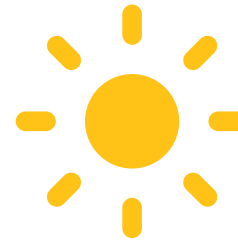
EXISTING INTERSECTION



ROUNDBABOUTS

Reference Publications and Guidelines

- <https://safety.fhwa.dot.gov/intersection/roundabouts/index.cfm>
- <http://www.trb.org/Publications/Blurbs/164470.aspx>



Thank You!

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