



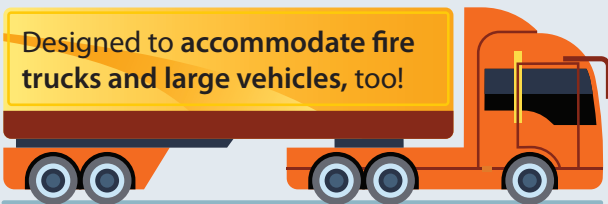
Illinois Department of Transportation

All about... ROUNDABOUTS

SAFE. EFFICIENT. ECONOMICAL.



Roundabouts are safer than traffic signal or stop sign intersections, because they reduce conflict points lowering chances of vehicle-to-vehicle crashes.



ECO-FRIENDLY
Provide opportunities for more landscaping and less pavement!

Roundabouts cost less long-term compared to traditional traffic signal intersections!

- Reduce road electricity and maintenance costs
- Less expensive to operate than traditional intersections with traffic signals
- Save communities money!



Roundabouts require driving 25 mph or slower giving drivers more reaction time to other vehicles or pedestrians in crosswalks. Slower speeds reduce severe injury crashes.

REDUCE INJURY CRASHES BY

76%**

REDUCE FATAL CRASHES BY OVER

90%*

REDUCE PEDESTRIAN CRASHES BY

30%-40%**

REDUCE CONFLICT POINTS FROM 32 TO 8 IN A STANDARD 4-WAY INTERSECTION

Roundabouts are more efficient than traditional intersections!

- Provide longer service life:
 - Roundabouts = 25-year service life
 - Signal equipment = 15-year service life
- Eliminate wasted time spent at red lights during off-peak hours
- Reduce carbon emissions and fuel consumption



REDUCE WAIT TIMES COMPARED TO 4-WAY STOPS



* Safety Effect of Roundabout Conversions in the United States: Empirical Bayes Observational Before-After Study." Transportation Research Record 1751, Transportation Research, National Academy of Sciences (NAS), Washington, D.C., 2001.

** NCHRP Report 572: Roundabouts in the United States. National Cooperative Highway Research Program, TRB, NAS, Washington, D.C., 2007.

Visit safety.fhwa.dot.gov to learn more!