



[www.dot.ga.gov](http://www.dot.ga.gov)



© 2026 Georgia Department of Transportation,  
Office of State Traffic Operations  
(404) 631-1000  
One Georgia Center,  
600 W. Peachtree St NW,  
Atlanta, GA 30308

## REDUCED CONFLICT U-TURN INTERSECTION

An RCUT/RCI is sometimes also referred  
to as a J-Turn or a Superstreet

Published February 2026

## Reduced Conflict U-turn (RCUT) Intersection

One of Georgia DOT's safety focus areas are intersections. Nearly one-third of fatal crashes in Georgia are intersection related and many are angle collisions. Most angle collisions occur when a motorist entering an intersection from a side street (or accessing the side street from the main highway) is hit by an oncoming vehicle.

## What is an RCUT and how does it work?

An RCUT is an intersection design that reduces crashes by changing how minor road traffic crosses or turns left at a major road reducing the potential conflict with other vehicles.

At an RCUT, minor road traffic must turn right. Left turn and through movements from the minor road are accomplished through the use of a downstream U-turn. All movements (left, through, and right) are allowed from the major road.

For example:

- Drivers who would turn left from the minor road at a conventional intersection must now turn right instead; then make a U-turn at the designated location.
- Drivers who would cross the main highway once reaching a conventional intersection must now turn right first, make a U-turn at the designated location and then turn right onto the adjoining side street at the RCUT intersection.
- RCUTS and downstream U-turns can have traffic signals. When those signals are used, the RCUT is referred to as a superstreet.

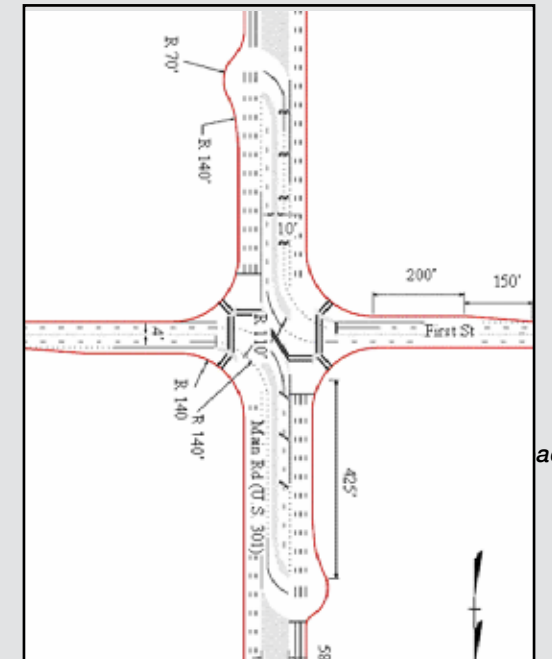
## Benefits of RCUT

- Drivers from the minor road no longer have to navigate an intersection with traffic traveling at high speed from both directions, which decreases the frequency and severity of crashes.
- Nationally, RCUTs have decreased fatal crashes by 70% and injury crashes have declined by 42% after installing an RCUT

## RCUTs also:

- Reduce the number and severity of vehicle-to-vehicle conflict points by approximately 50% in comparison to conventional intersections.
- Can support a community's pedestrian and bicycle goal as accommodations for walking and biking can be included as part of the RCUT's design.

- Reduces delay and congestion for through traffic on major road.
- Reduces queuing on the minor road because vehicles do not have to wait for gaps in traffic traveling in two directions.
- Installing RCUT intersections is accomplished in much shorter timeframes than other types of intersections that require more extensive roadwork, greatly reducing cost.st.
- Provides local access to a main highway while delivering safer, more efficient travel.
- Provides access to local businesses and commercial areas because the U-turns accommodate all movements.



FHWA: <https://safety.fhwa.dot.gov/intersection/innovative/uturn/>