

US 71/Kandiyohi CR 90 Reduced Conflict Intersection

Project summary

MnDOT will construct a Reduced Conflict Intersection (RCI), similar to a J-turn, at the intersection of US 71 and Kandiyohi County 90 near Willmar. MnDOT received special funding from the Highway Safety Improvement Fund (2017) to construct a Reduced Conflict Intersection due to the location of and severity of crashes at the intersection.

Reduced Conflict Intersections

Reduced Conflict Intersections are intersections that decrease fatalities and injuries caused by broadside crashes on four-lane divided highways. With a RCI, drivers from the side street only have to be concerned with one direction of traffic on the highway at a time. In an RCI, drivers always make a right turn, followed by a U-turn. Motorists approaching divided highways from a side street are not allowed to make left turns or cross traffic; instead they are required to turn right onto the highway and then make a U-turn at a designated median opening. This reduces the potential conflict points and increases safety. For more information, including locations around the state, visit www.dot.state.mn.us/roadwork/rci/.

Project Benefits

A study of before & after conditions at eight RCIs constructed in Minnesota since 2010 found:

- A 100% reduction of fatal and serious injury right-angle crashes
- A 77% reduction of all right-angle crashes (of all severities)
- A 50% reduction of injury crashes

Project cost

- \$1.1 million

Project timeline

- Preliminary design & environmental review – 2017/2018
- Detailed design - 2019
- Construction –2021

For more information

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