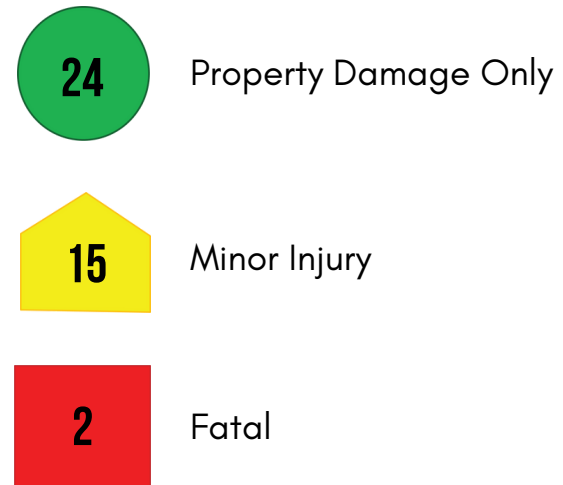


ROUTE A CRASH DATA 2014-2023

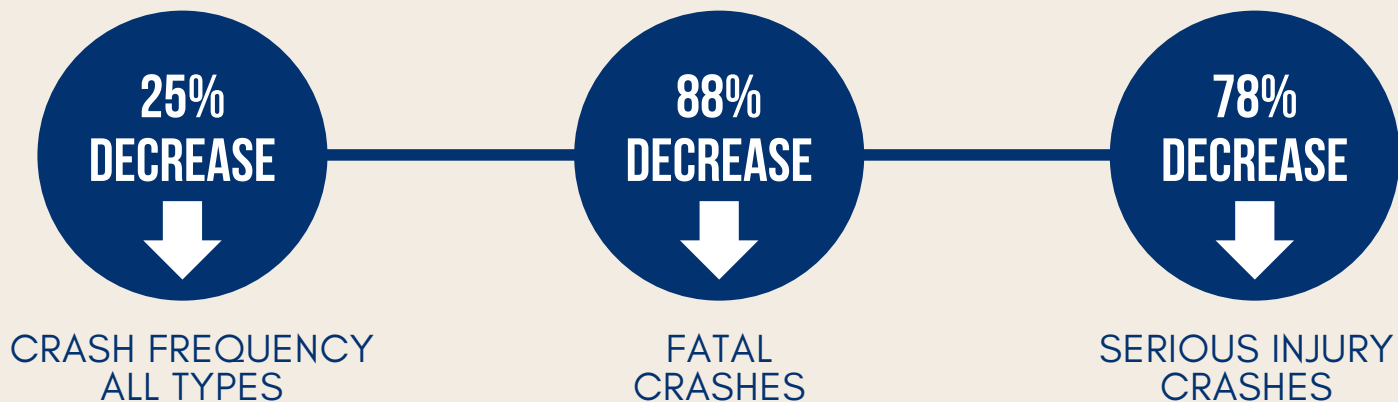


ROUTE C CRASH DATA 2014-2023



J-TURN DATA

MoDOT has assessed 19 different J-turn intersections in Missouri.



PUBLIC MEETING | AUGUST 4, 2025

PROJECT DETAILS

The project includes removing the current median crossovers on U.S. Route 67 at Routes A and C in Cherokee Pass and improving the intersections.

These intersections have been identified for a safety improvement project using historical crash data, specifically examining the types of crashes occurring in these locations.

Two alternates are currently being shared for this project. Alternate 1 features modified J-turns, and Alternate 2 includes modified J-turns with offset lefts at Routes A and C.

ABOUT J-TURNS

J-turns have proven to be a safer alternative to a traditional roadway intersection on a four-lane highway because they greatly reduce right-angle crashes, also known as T-bone crashes. This crash type is typically the most responsible for fatalities and serious injuries at intersections.

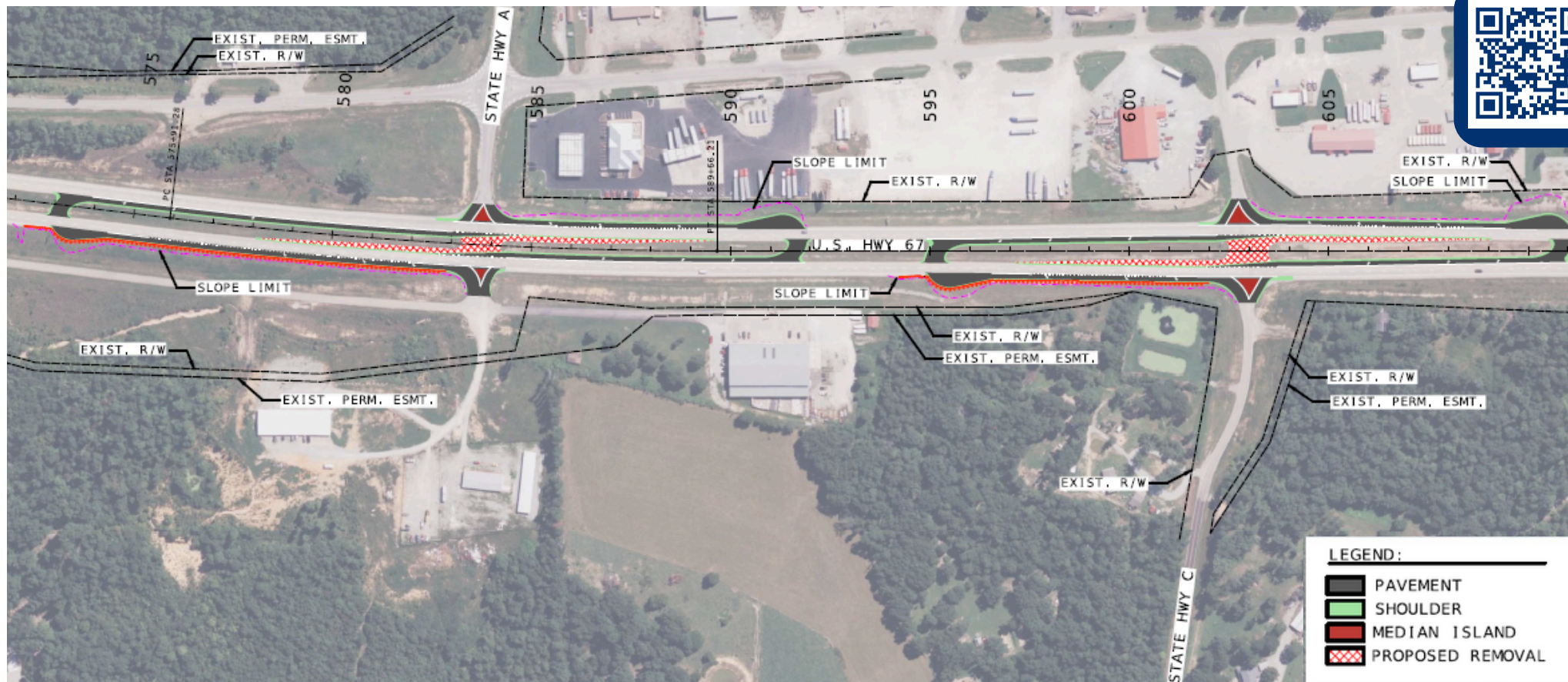
In fact, J-turns at similar intersections throughout Missouri and the nation have shown a substantial decrease in fatal and serious injury crashes. Basically, they eliminate the need for motorists to cross the high-speed lanes of traffic to get to the opposing lanes.

TENTATIVE TIMELINE



EXPLORING THE ALTERNATES

The project team examined multiple factors when developing potential reconfiguration options. To view a video of each alternate, please scan the QR code next to each alternate with your smartphone. Additional information is also available at modot.org/cherokeepassjturns.



ALTERNATE 1: MODIFIED J-TURNS

Construct independent J-turn intersections at Route A and at Route C.

ADVANTAGES:

- Shorter distance for J-turns movements.
- Tractor-trailers will accelerate and decelerate less when using the shorter J-turns.
- Additional safety benefits by only allowing left turns at the J-turn locations.
- Requires only crossing two through lanes at a time.

DISADVANTAGES:

- Does not provide left-turn in movements at Route A or Route C. Must utilize J-turn.
- Overall travel times increase slightly (6 seconds or less) because left turning traffic must use J-turn locations.

Estimated Cost: \$2,984,000



ALTERNATE 2: MODIFIED J-TURNS WITH OFFSET LEFTS

Construct one larger J-turn intersection that includes offset lefts at Route A and Route C.

ADVANTAGES:

- Provides southbound left-turn in at Route A.
- Provides northbound left-turn in at Route C.
- Overall travel times reduce slightly (6 seconds or less) because left-turns are allowed at Route A and Route C.

DISADVANTAGES:

- Increased distance for J-turn movement. Traffic must use longer J-turn when leaving.
- Tractor-trailers will need to accelerate to higher speeds and decelerate more.
- Left turns at Route A and Route C require crossing two through lanes and one right turn lane.

Estimated Cost: \$3,051,000



SCAN THE QR CODE NEXT TO EACH ALTERNATE FOR A DETAILED VIEW

Open the camera app and focus the camera on the QR code by gently tapping the code. Then, follow the instructions on the screen.



For more information, please contact Project Manager Chris Crocker at (573) 380-1658, MoDOT's Customer Service Center toll-free at 1-888-ASK MODOT (275-6636) or visit modot.org/cherokeepassjturns.