



### UPCOMING IMPROVEMENTS

In an effort to improve safety and traffic flow along Route 67, the Missouri Department of Transportation will modify two crossover intersections in Farmington, Mo. The project will address the crossover at Route 67 and New Perrine Road, as well as Route 67 and Doubet Road.

The median crossing at New Perrine Road will be reconfigured with a j-turn design, and the median crossing at Doubet Road will be removed.

The project will be completed as a cost share between the City of Farmington and MoDOT.

### TIMELINE

Bids will be opened in June 2018, with construction expected to begin in summer 2018. Completion is anticipated in fall 2018.

### TRAFFIC IMPACTS

Motorists should expect periodic single lane closures on Route 67 and a temporary closure of the median crossing at New Perrine Road (which is necessary to remove and replace the pavement in the median). The Doubet Road median crossing (north of New Perrine) will be removed with this project.

### CONTACT INFORMATION

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### BENEFITS OF J-TURNS

J-turns are effective in reducing traffic crashes at intersections on divided highways. A typical four-lane divided highway with a crossover intersection has 42 potential conflict points. Most of these conflict points are associated with severe crashes, such as t-bone accidents. By installing a j-turn intersection, conflict points can be reduced to as few as 24. In addition, these types of conflict points are associated with less severe crashes.

J-turns are typically more efficient than traditional intersections, which require motorists to wait for gaps in traffic large enough to safely cross two lanes of traffic.

### J-TURN STATISTICS

A University of Missouri study of j-turns operating in Missouri showed the j-turn design resulted in a 54% reduction for fatal and disabling injury crashes, and a 35% reduction in total crashes (which includes rear end collisions).

The study also showed right angle crashes – generally the most severe type of crash at intersections – were reduced by 80%.



## FARMINGTON: Route 67/New Perrine Road & Route 67/Doubet Road



### HOW TO DRIVE A J-TURN

J-turns eliminate some or all traffic movements through the median. Instead of motorists crossing fast-moving lanes of traffic to get to the opposing lanes, drivers at j-turn intersections turn right in the same direction of traffic, merge into the left lane, and then make a u-turn in the direction they intend to travel.

Tractor trailers and other large commercial vehicles will navigate the j-turn intersection in the same manner as passenger vehicles. The reconfigured intersection will accommodate commercial vehicles better than the existing design.

J-turns are a cost effective way to improve safety and traffic flow. For more information, please visit <http://modot.mo.gov/general/J-Turns.htm>.