

U.S. ROUTE 54 INTERSECTION IMPROVEMENTS AND HIGHWAY REALIGNMENT IN COLE COUNTY



PROJECT OVERVIEW

The four-mile section of U.S. Route 54 between United Road and Gray Road, south of Brazito, has a history of serious and fatal crashes. Engineers with the Missouri Department of Transportation are evaluating design options to enhance the safety of this corridor while minimizing the impact on people, property, and the environment.

The estimated cost of engineering, right of way, and construction is \$14.4 million, subject to change.

The Problem

In the last 10 years, from 2016-2025, there have been 227 crashes resulting in five people losing their lives and 21 people left with serious or debilitating injuries. Of those 227 crashes, 63 percent (143 crashes) occurred in the westbound lanes and 18 percent at intersections.

More than 20,000 vehicles use this section of highway on an average day, which, when coupled with high rates of speed, and multiple intersections and median crossings, poses an increased potential for crashes.

Proposed Solution

MoDOT is in the process of designing safety enhancements to U.S. 54 between United Road and Gray Road, south of Brazito, aimed at reducing the rate of fatal and serious injury crashes.

These proposed improvements include:

- Converting several intersections along U.S. 54 to J-turns with acceleration and deceleration lanes.
- Realigning westbound U.S. 54 from north of Old Bass Road to south of Fall Hill Road.