



SAFETY

IMPROVEMENTS PROJECT
A LIFESAVING PARTNERSHIP

Project Summary

The Missouri Department of Transportation (MoDOT) and St. Louis County have formed a lifesaving partnership to make \$52 million worth of vehicle and pedestrian safety improvements at more than 230 locations on MoDOT and St. Louis County roads throughout the City of St. Louis and St. Louis and Jefferson Counties. These improvements, installed from early 2024 to summer 2026, are estimated to result in a **savings of \$1.2 billion in estimated savings from crash reductions of 170 fatal and serious crashes over 10 years.**

DATA SHOWS THERE WERE AT LEAST **5,321** CRASHES THAT INVOLVED AT LEAST ONE FATAL AND SERIOUS INJURY IN THE CITY OF ST. LOUIS, ST. LOUIS COUNTY AND JEFFERSON COUNTY BETWEEN 2016 - 2020

\$52 MILLION
WORTH OF VEHICLE AND PEDESTRIAN
SAFETY IMPROVEMENTS BY 2026

230 LOCATIONS
THROUGHOUT THE CITY OF ST. LOUIS PLUS
ST. LOUIS AND JEFFERSON COUNTIES



There were **1800 crashes on New Halls Ferry Rd from Shackelford Rd to Dunn Rd in 2016-2020** based on crash reports submitted by our partner agencies. That included **3 fatal crashes and 17 severe crashes.** The 1800 crashes include 25 crashes that involved pedestrians or bicyclists. Most of the crashes that occurred on this section of New Halls Ferry are rear end, turning, side swiping, and roadway departure, which can be due to speeding, inattentive drivers, or distracted drivers. This project includes safety improvements at various locations between Shackelford Rd to Dunn Rd.

For more information visit:
modot.org/SLSafetyProjectRouteAC



modot.org/SLSafetyProject

Safety Improvements

MoDOT plans to reduce crashes, especially those that result in serious or fatal injuries, by installing the improvements shown on the "Improvements Map" on the back of the pamphlet. Some of the proposed **traffic calming** improvements may look different to most people traveling through this area, such as curb bump out islands along the shoulders of the roadway and hardened centerlines within an intersection.



High-Visibility Crosswalk

Crosswalks upgraded with high visibility striping to help pedestrians be more visible to approaching vehicles.



Retroreflective Backplates

Increase visibility of signals by adding retroreflective yellow border



Stop Sign with Flashing LEDs

Increase visibility of stop sign by incorporating LED lights



Chevrons and Curve Warning Signs

These signs increase visibility of roadway curves to help drivers navigate the curve safely

Based on a recent speed study south of Parker Rd nearly 100 people each day are driving more than 20 mph over the speed limit.

Traffic Calming Improvements

Traffic calming aims to improve a driver's perception of speed and encourages better driver decision-making. In St. Louis and similar cities such as Milwaukee and Nashville, previous installations of traffic calming measures show that drivers will drive more cautiously, which reduces the frequency and severity of crashes.

The traffic calming devices proposed for New Halls Ferry are median islands, curb bump out islands on the shoulder, and hardened centerlines at intersections.



Curb Bump Out Island

Islands along the shoulder to provide a visual prompt of a narrower roadway.



Hardened Centerline



Hardened Centerline

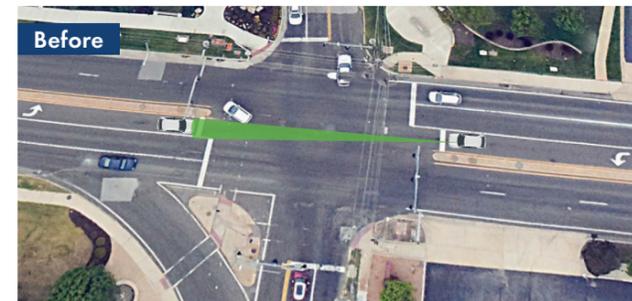
This improvement discourages high-speed turns by extending a low median island with rumble strips into the intersection, helping to guide traffic.



Raised Median Island

Raised Median Island

Median gives visual prompt of narrower roadway.



Offset Left-Turns

Opposing left turn lanes will be shifted so that vehicles in the opposite left turn lane do not block a driver's view of oncoming traffic.



Modified Right Turns

Right turn lanes at intersections will be adjusted by modifying the island's corner and straightening the curve using white pavement marking on the shoulder to improve visibility and discourage high-speed turns.