



SAFETY

IMPROVEMENTS PROJECT
A LIFESAVING PARTNERSHIP

Project Summary

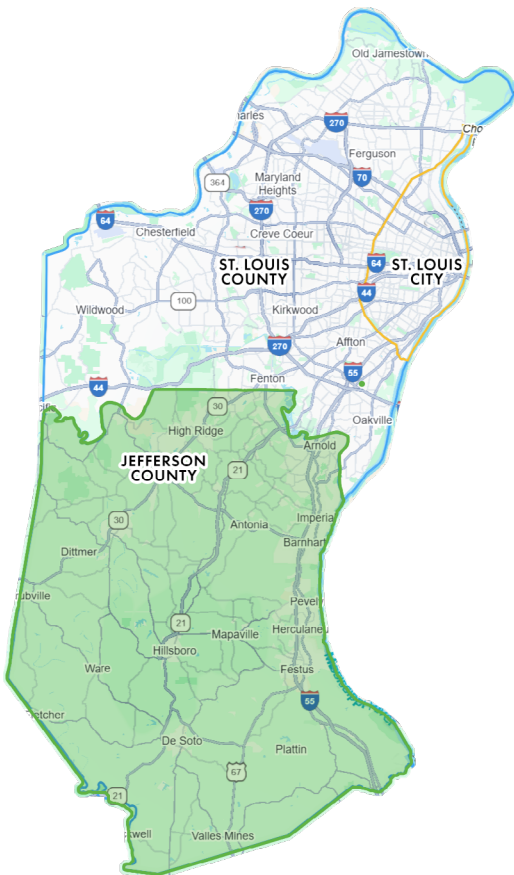
MoDOT and St. Louis County have formed a lifesaving partnership to make \$52 million worth of vehicle and pedestrian safety improvements at more than 230 locations on MoDOT and St. Louis County roads throughout the City of St. Louis and St. Louis and Jefferson Counties. These improvements, installed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

\$1.2 BILLION

ESTIMATED SAVINGS FROM
CRASH REDUCTIONS.

170+

FATAL AND SERIOUS CRASHES PROJECTED
TO BE REDUCED OVER TEN YEARS.



Data for Jefferson County:

232

TOTAL NUMBER OF SAFETY IMPROVEMENTS
IN JEFFERSON COUNTY

TOTAL COST: \$52 MILLION
29% SPENT IN JEFFERSON COUNTY

70

PROJECT LOCATIONS
IN JEFFERSON COUNTY

1090

CRASHES AT PROJECT
LOCATIONS 2016-2020

41%

ESTIMATED TOTAL
CRASH REDUCTION

Scan to view an interactive
map of the project:



Out of the 1090 total crashes at these 70 locations, 48 crashes resulted in fatal or serious injuries. **Nearly ¼ of fatal or serious injury crashes are estimated to be reduced** once all safety improvements are implemented.

Types of safety improvements in Jefferson County



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



Flashing Beacon on Advance Warning Signs

Adds flashing lights onto existing advanced warning signs for added visibility of the sign



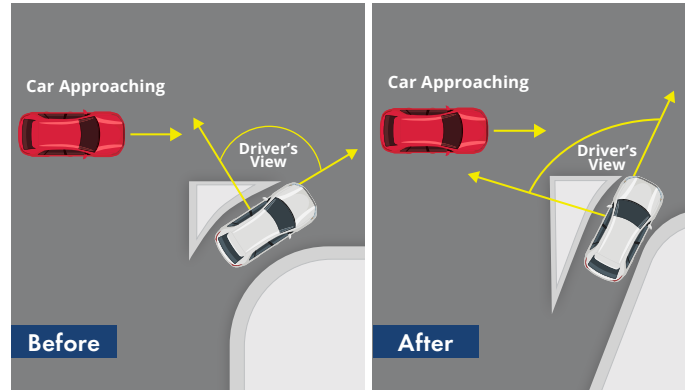
Intersection Conflict Warning System (ICWS)

Alerts drivers with flashing lights on a "Cross Traffic Ahead" sign to inform drivers of a car approaching the intersection from a side street



Dynamic Signal Warning Flashers (DSWF)

Alerts drivers with flashing lights on a "Be Prepared to Stop" sign for the traffic signal ahead



Modified Right Turns

Improves driver-side visibility and discourages high-speed right turns at an intersection by straightening the curve



Chevrons and Curve Warning Signs

Increases visibility of roadway curves to help drivers navigate the curve safely



Curve Warning Pavement Markings

Alerts drivers to slow down for the curve ahead



Guardrail

Absorbs the impact and guide the car back onto the road and prevent vehicles from veering off the roadway or hitting permanent objects (i.e. signal post, light pole)



SAINT LOUIS COUNTY
Transportation and Public Works

modot.org/SLSafetyProject