



Missouri Route 47 over I-70 Bridge Replacement and Interchange Improvements in Warrenton (Exit 193)



Project Summary

As part of MoDOT's Statewide Improve I-70 Program, MoDOT will be adding a third lane to each direction of I-70 and making other improvements to I-70 between Warrenton and Wentzville by the end of 2028. This includes interchange improvements at the I-70 and Missouri Route 47 interchange in Warrenton.

MO 47 interchange improvements focus on creating better traffic flow on the northern side of the interchange by introducing a westbound loop-ramp and roundabout system with a single signalized intersection. These improvements also require the replacement of the existing MO 47 bridge over I-70.

Numerous businesses are established along MO 47 and these businesses serve the needs of the communities. The proposed interchange improvements will be made within limited available space and not require the acquisition of any businesses. However, there will be significant traffic impacts to construct the improvements within the limited space, especially for the bridge replacement phase.

To further complicate the improvements, the existing MO 47 bridge is a style that cannot be safely removed in a manner to keep Route 47 open to traffic across the bridge. Because of the existing style bridge, plus the limited construction space, MO 47 will experience a closure for approximately 5-months in 2026. This closure will be significant for the area, but MoDOT and

the contractor are committed to an accelerated construction schedule.



Project Goals

The interchange improvements will be accomplished in two phases to minimize traffic impacts to the area businesses and community, and will include:

- Replacing the MO 47 bridge in the existing location.
- A new 88' wide bridge featuring 12' driving lanes, 12' left turn lanes, 4' shoulders and ADA-compliant pedestrian facilities on the east side of the bridge.
- Eliminating the intersection at the westbound I-70 ramp terminal.
- Construction of acceleration and deceleration lanes to and from westbound I-70.
- Consolidate and create one centralized, signalized intersection to accommodate traffic to and from the interstate and the North Service Road.
- Construction of a roundabout intersection and loop ramp for connections to the North Service Road and interstate traffic.
- Interchange improvements to accommodate the proposed I-70 template with the addition of a third lane, and improved bridge clearance and span lengths.

Over the course of the project, motorists can expect various traffic impacts, including a full bridge closure and traffic detours during bridge replacement in 2026 and temporary route closures and detours, as the project progresses through each phase of construction in 2027.