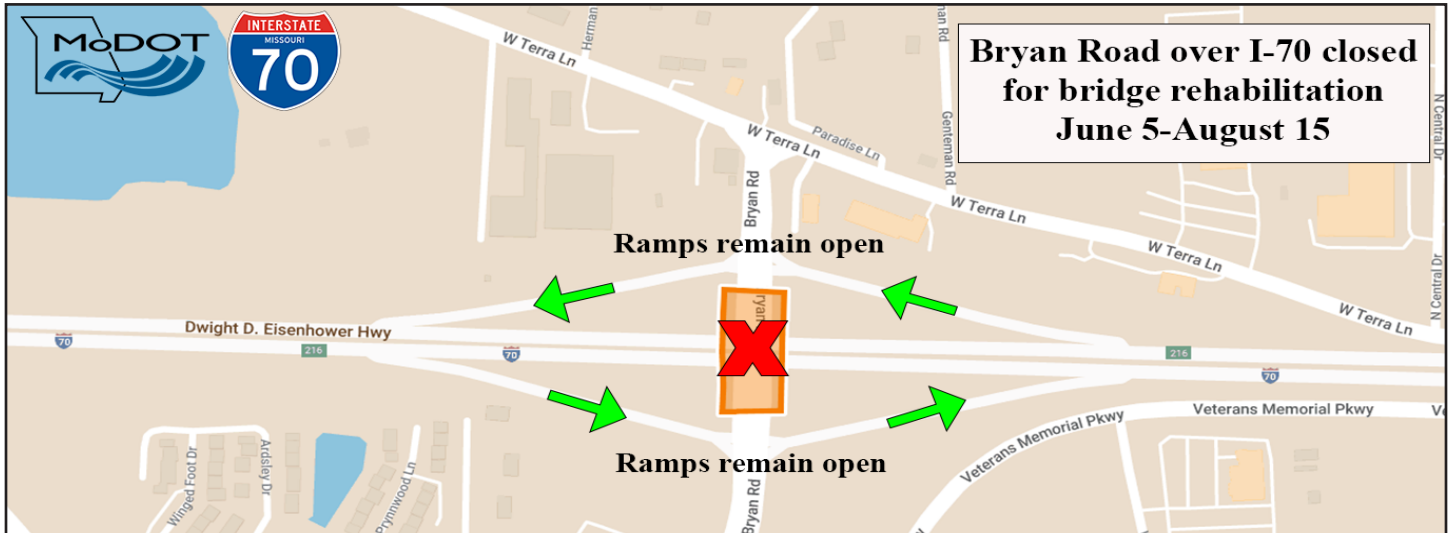




MoDOT FACT SHEET



What is the problem?

This bridge rehabilitation project consists of work on 12 bridges along Interstate 70 in St. Charles County. Work will consist of repairing areas of deteriorated concrete, replacing the bridge driving surface, replacing joints and repainting the steel girders. Additionally, once the bridge work is complete, I-70 between Route K and Mid Rivers Mall Drive will be resurfaced, including guardrail upgrades and new pavement markings/striping.

Many of the bridges along the Interstate 70 corridor between Route K and the Spencer Creek in St. Charles County are between 30 and 70 years old and need significant maintenance or reconstruction to ensure that they remain operational and safe to use for the future.

Eight bridges on I-70 from Route K to Spencer Creek will have lane closures with staged construction work. Three other bridges on Route 79 near I-70 will consist of lane closures, including the closure of the northbound lanes of the bridge over I-70.

The Bryan Road bridge over I-70 will involve a full closure of the bridge.

Partial removal of driving surface (bridge deck) with a deck overlay, remove and replace approach slabs, remove, and replace expansion joints. The structural steel girders are also being repainted, but most of that work is being done from I-70 below.

The ramps will remain open, but the north-south movement across the bridge will be restricted during the rehabilitation. The contract is set up to provide the contractor with up to 10 weeks for full closure of construction. The tentative start date is Monday June 3rd, 2024.

MoDOT explored several staging alternatives during design of the rehabilitation project. Some items of concern that ultimately led the team to select the full-closure option:

- If staged, the work construction duration was estimated to be doubled and would not have been able to be restricted to summer months when St. Dominic was not in session.
- The available widths of the Bryan Road bridge only would have allowed for a single turn lane from the offramps. With that restriction in place, there was a concern about daily traffic backup up down the offramp into live traffic, especially during afternoon rush on Westbound I-70.
- The geometry of the bridge would not have allowed tractor trailers to make the turns to/from the ramps. This would be very challenging to restrict movements of trucks and ultimately had fears of jamming up the intersections and backing up traffic onto I-70.
- There is a sign foundation in the middle of the bridge with reinforcing steel incorporated into the slab structure with no way to adequately remove and replace if that raised island were removed for staging traffic.



I-70 Bridge Rehabilitation Project Status Report

This bridge rehabilitation project consists of work on 12 bridges along Interstate 70 in St. Charles County. Work includes repairing areas of deteriorated concrete, replacing the bridge driving surface, replacing joints and repainting the steel girders.

Deliverable	Bridge details	Anticipated Finish Date
I-70 at Bryan Road– Full closure of the Bryan Road bridge.	The I-70 ramps remain open. Detours include using Lake St. Louis Blvd. and Route K/Main Street.	Expected to be completed August 15, 2024.
I-70 at K- Three I-70 lanes remain open during the bridge rehab.	Three I-70 lanes remain open during the bridge rehab. Lanes will be shifted and narrowed.	Expected to be completed Fall 2024.
I-70 at Belleau Creek – 3 lanes eastbound, one lane closed westbound.	Three lanes in each direction remains open, westbound Route K exit ramp closed during the bridge rehab.	Expected to be completed Fall 2024.
I-70 at Route 79– rehab bridge, Route 79 intersection improvements.	One southbound bridge lane remains open. Lanes closed during off peak times for repainting.	Expected to be completed Fall 2024.
Route 79 bridges over East Terra Lane.	One Route 79 lane in each direction remains open.	Expected to be completed Fall 2024.
I-70 at Dardenne Creek.	Four I-70 lanes remain open during rehab.	Expected to be completed Fall 2024.
4 bridges at I-70 at Spencer Creek.	Four eastbound I-70 lanes and five westbound lanes open during bridge rehab.	Expected to be completed Summer 2024