

IMPROVE I-70

COLUMBIA TO KINGDOM CITY

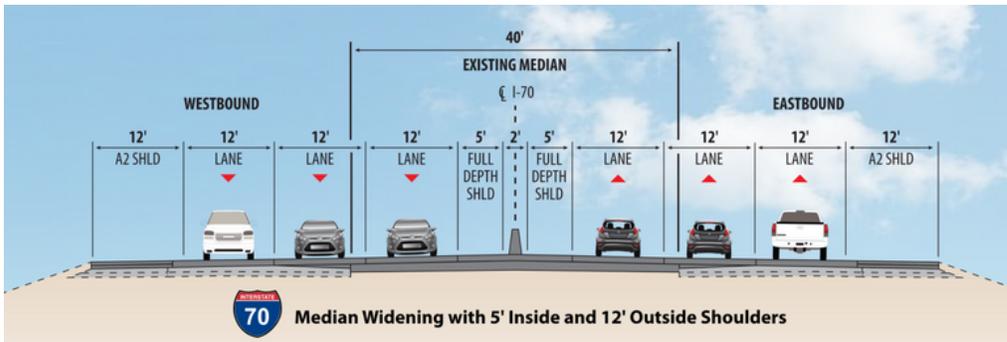


Missouri's FY2024 budget from the General Assembly and supported by Governor Parson provides \$2.8 billion in General Revenue funds for the costs to plan, design, construct, reconstruct, rehabilitate and repair three lanes in each direction on nearly 200 miles of Interstate 70, from Blue Springs to Wentzville. Learn more and sign up for e-mails about the Improve I-70 Program at www.modot.org/improvei70.

ABOUT THE PROJECT

Improve I-70: Columbia to Kingdom City will improve and add an additional lane to the 20-mile stretch of I-70 between U.S. 63 in Columbia and U.S. 54 in Kingdom City. This \$405 million fixed-cost contract includes \$123 million previously programmed for the interchange improvements at Route 63 and Route 54. The project will be delivered via Design-Build procurement with contractor Millstone Weber and designer Jacobs.

DESIGN FOR NEW THREE LANES OF I-70



Improve I-70: Columbia to Kingdom City includes **new concrete pavement on all three lanes of I-70 in each direction** for the 20-mile section between Columbia and Kingdom City, as well as inside and outside shoulders.

I-70 AND U.S. ROUTE 63 INTERCHANGE IMPROVEMENTS

The I-70 and Route 63 interchange design includes two new direct connection ramps (northbound Route 63 to westbound I-70 and eastbound I-70 to southbound Route 63), four new roundabouts, two underpasses, and a collector-distributor road to facilitate the movement of traffic through and around the new interchange.



New I-70 and U.S. Route 63 Interchange



New I-70 at Hanover Rd. Roundabout

More renderings are available at www.modot.org/improvei70/columbiakingdomcity

I-70 AND U.S. ROUTE 54 INTERCHANGE IMPROVEMENTS

The I-70 and Route 54 interchange design includes two new bridges and a new roundabout interchange.

ROUNDBABOUTS

A roundabout is a one-way circular intersection that channels traffic around a central island without traffic signals. Roundabouts are a great alternative to a signalized intersection when a high volume of traffic needs to get through with the least amount of inconvenience.



New I-70 and U.S. Route 54 Interchange

While signalized intersections have approximately 20-30 conflict points, or spots where vehicles could collide, roundabouts reduce that number to eight. Fewer conflict points, combined with slower speeds and calmer traffic, can translate into as much as 76% fewer crashes. Because roundabouts tend to have fewer severe crashes than signalized intersections, they have fewer crash-related injuries as well.

TRAFFIC IMPACTS AND SCHEDULE

Construction is anticipated to begin in Summer 2024 with an anticipated completion date in late 2027. Throughout construction, **two lanes of travel will be available for both directions of I-70 during PEAK HOURS.**

- 1 I-70/US 63 Interchange – Paris Road to West of St. Charles Road
- 2 West of St. Charles Road to Cedar Creek
- 3 Cedar Creek to West of Route M
- 4 West of Route M to US 54 Interchange



Proposed Construction Schedule

PROJECT GOALS

- Deliver the project by December 31, 2027, within the program budget of \$405 million.
- Provide a third lane of travel for eastbound and westbound Interstate 70 from Columbia to Kingdom City.
- Improve I-70/US 63 and I-70/US 54 Interchanges providing for better traffic flow and movement of freight.
- Improve the interstate while modernizing the existing pavement and bridges.
- Minimize construction impacts through communication and construction staging while maintaining safety and mobility.
- Provide expanded employment opportunities to a diverse workforce.

Review materials and leave comments online until May 23.
www.modot.org/improvei70/columbiakingdomcity