

Interstate 70 and Mid Rivers Mall Drive



A project to improve the existing interchange.

What Is The Problem With The Interstate 70 and Mid Rivers Mall Interchange?

There is a congestion problem at the Interstate 70 and Mid Rivers Mall Interchange traffic exiting Interstate 70, motorists entering and exiting Mid Rivers Mall, and interchange access to Main Street. More than 60,000 vehicles use this section of I-70 between Mid Rivers Mall Drive and Route 79 daily.

This project also includes adding a westbound I-70 lane between Mid Rivers Mall Drive and Route 79.

What Is The Proposed Solution?

MoDOT, in conjunction with the city of St. Peters and St. Charles County, will reconstruct the interchange as a diverging diamond interchange (DDI). MoDOT has built numerous diverging diamond interchanges throughout the state, including the first DDI in the St. Louis region at the Interstate 270 and Dorsett Road interchange.

Why A Diverging Diamond Interchange?

The diverging diamond interchange (DDI) is a new type of interchange traffic solution. The Federal Highway Administration has been advocating innovative intersection designs as a way to increase capacity, decrease congestion and minimize the cost of new infrastructure.

How Do Diverging Diamond Interchanges Work?

The advantages of a DDI include making left turns without crossing opposing traffic, and improvements in signal timing due to the reduction in the number of traffic movements for each cycle. Plus, there is increased efficiency and capacity of traffic at entrance and exit ramps of the interstate.

Traffic models indicate this type of interchange works well with areas of heavy traffic. Because the DDI does not have any left turns that must clear opposing traffic, the design can improve traffic movement with more green time. It will move traffic faster, reduce congestion, and increase safety.

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Visit our project webpage at:

<http://www.modot.org/stlouis/I-70andMidRiversMallDriveDivergingDiamondInterchange.htm>

Where Does The Project Stand Today?

Construction began on March 11, 2013. Ramp closures at the interchange will remain until the diverging diamond interchange opens. New ramps will be constructed along with a wider bridge carrying Mid Rivers Mall Drive traffic over I-70.

Project Costs:

- Construction cost to improve the Interstate 70 and Mid Rivers Mall Interchange, and build the lane addition on westbound I-70 between Mid Rivers Mall and Route 79: **\$ 12,352,676.33**

Current Project Timeline

March 2013	Construction begins
November 2013	Construction completed

Who Do I Contact For More Information?

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