

Route 740 Widening & I-70 Interchange Improvements



What is a Diverging Diamond Interchange?

The diverging diamond interchange has been a success in other locations in Missouri.

This innovative traffic solution is being proposed at I-70 and Stadium Blvd. because it efficiently handles high traffic volumes, resulting in less congestion and overall improved safety.

Motorists diverge, or cross over to the opposite side of the highway. Drivers making left turns experience a decrease in traffic delay because the left turn becomes a “free flow” movement. This means motorists don’t have to cross in front of traffic from the opposing lanes.

Rear-end and left turn crashes have been reduced at locations with the diverging diamond traffic pattern.

The design is financially appealing because it uses existing lane space without requiring new land for additional bridge structure.



Interstate 44 and Route 13 in Springfield, Mo.



Interstate 270 and Dorsett Road, St. Louis, Mo.

