



Reconstruction of the US 60 Interchange with I-24



About the Project

This section of US 60 carries up to 36,000 vehicles per day (VPD). Development in the corridor has increased steadily over the last 20 years and is expected to continue. Rear-end and angle collisions related to congestion and access problems are a major problem within this portion of the US 60 corridor.

The Kentucky Transportation Cabinet (KYTC) District 1 completed a scoping study for the US 60 corridor in 2012. The study's primary goals were to "develop solutions for long-standing problems related to traffic congestion and safety, as well as to accommodate anticipated increased travel in the future brought about by growth and system connectivity enhancements." The study recommended reconfiguring the US 60/I-24 interchange to a Double Crossover Diamond (DCD), sometimes referred to as a diverging diamond interchange (DDI), to increase capacity and reduce crash rates.

The purpose of the project is to improve safety and reduce traffic delays at in the vicinity of the I-24 interchange. This project is needed to manage the congestion problems at the interchange and the resulting safety issues. The project includes reconstructing the existing interchange as a DCD and improving US 60 west of I-24. Access management concepts, such as a raised median and converting some existing driveways to right-in/right-out only, are proposed to preserve roadway efficiency and safety for future roadway users.



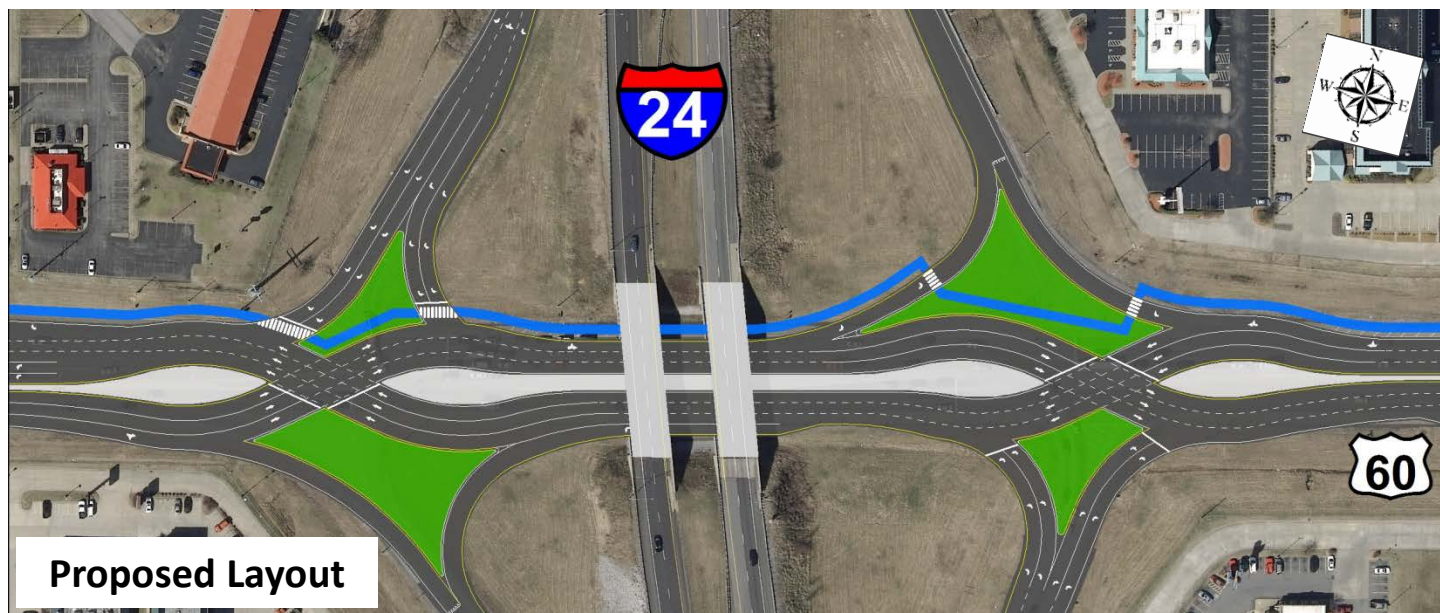
US 68 at KY 4
Lexington, KY
Opened August 2011

- Kentucky's first Double Crossover Diamond (DCD) interchange opened to traffic in Lexington at Harrodsburg Road (US 68) and New Circle Road (KY 4) in August 2011.
- The DCD Interchange has several advantages. Looking at the Harrodsburg Road project, the DCD has been proven to:
 - **Improve safety**
Crashes have been reduced by well over 40%
 - **Reduce traffic congestion**
Traffic queues have been cut in half
 - **Save time and money**
The project was constructed in about 5 months at a total cost of around \$6.1 million
- The Kentucky Transportation Research Center at UK conducted a survey a few months after the Harrodsburg Road project was complete. Over 1,400 responses were received, and here are the results:
 - 72% said it was a **good solution**
 - 72% said a DCD **should be considered elsewhere**

Current Project Funding

*Source: Kentucky 2014 Highway Plan

Phase	Year*	Cost
Right-of-Way	2016	\$210,000
Utilities	2016	\$320,000
Construction	2017	\$3,790,000
TOTAL		\$4,320,000



Proposed Layout

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McCracken County
KYTC Item No. 1-154.00

