

U.S. 54 Bridge (025) over the Walnut River

Butler County



Visit the project webpage.

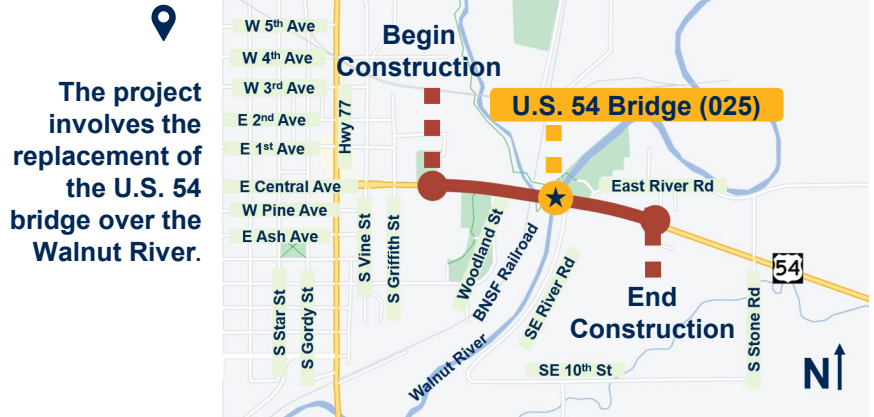
Project Description:

The KDOT Project U.S. 54 Bridge (025) over the Walnut River involves the replacement of the U.S. 54 Bridge 54-8-252.91(025) over the Walnut River, on the eastern edge of El Dorado. The U.S. 54 bridge and the project site are approximately 0.55 miles east of the north junction of U.S. 54 and U.S. 77. As U.S. 54 spans the joining of the Walnut River and West Branch Walnut River, a BNSF railroad overpass bridge crosses U.S. 54 from north to south, posing project constraints for the future replacement design.

KDOT implemented this Discovery Phase Project to begin investigating various alternatives in coordination with project stakeholders City of El Dorado, Butler County and BNSF. Preliminary Design and Final Design Phases will follow the selection of a preferred alternative as developed in this project phase.

The purpose and need of the project is the effective and efficient replacement of the U.S. 54 Bridge (025) with a sustainable design that addresses the functional and structural needs of KDOT, Butler County, El Dorado and the greater region.

Information will also be available on the project webpage at:
<https://ike.ksdot.gov/us54-bridge-butler-county>.



The project involves the replacement of the U.S. 54 bridge over the Walnut River.

At-A-Glance:

Cost Estimate	\$7.8 million
Distance	0.71 Miles
Scope	Replacing U.S. 54 bridge, BNSF bridge above U.S. 54, and a pedestrian structure under the BNSF bridge.
Status	Completing Discovery Phase in August 2023



Looking Southeast at the Project Area



Project Contact Information:

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For more information, please visit <https://ike.ksdot.gov/us54-bridge-butler-county>. This information can be made available in alternative accessible formats by contacting 785.296.3585 Voice/Hearing Impaired-711.

Pub# 54-8 KA-5767-01-10

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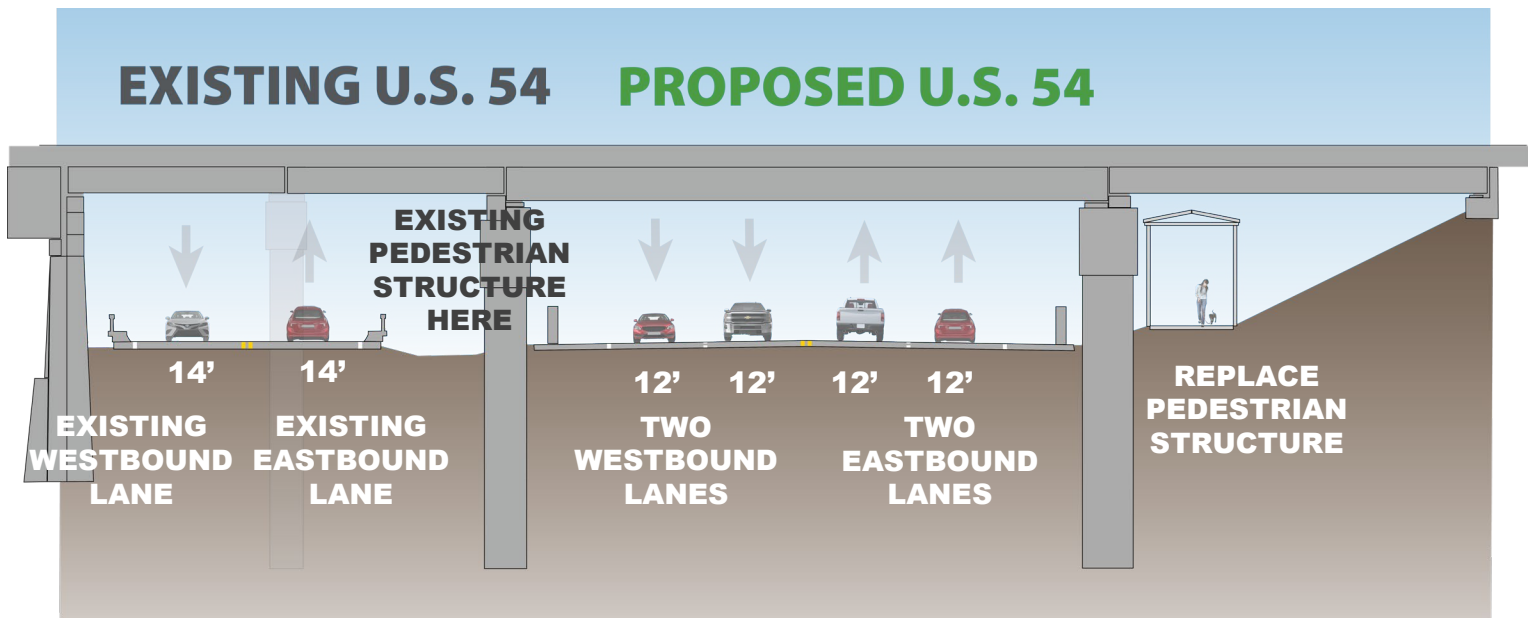


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Proposed Project Location & Typical Section



The proposed U.S. 54 bridge lanes would be built to the south of the existing U.S. 54 lanes, as seen in the highlighted blue area above. This would allow for the current U.S. 54 section to stay in use during construction.



The proposed U.S. 54 would have four lanes, two westbound and two eastbound. The bridge over U.S. 54 would be replaced, as would the pedestrian structure underneath.



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