

I-29/35 Viaduct Bridges Replacement Project in Jackson and Clay Counties

MoDOT will hold two public meetings, one during the early design phase, and the other prior to the start of construction. Visit the project website at the information below to sign up and stay informed about this project.

Project Timeline

Milestone	2025	2026	2027	2028	2029	2030	2031
Public Involvement	█						
Letting			●				
Construction			█				

*Project goes out to bid

Stay In Touch

For more information:

Visit the project website at [MoDOT.org](https://www.modot.org) or scan the QR code to the right.

Provide Comments:

The online meeting will be available through March 27, 2026. Please share this link with others who could not attend.



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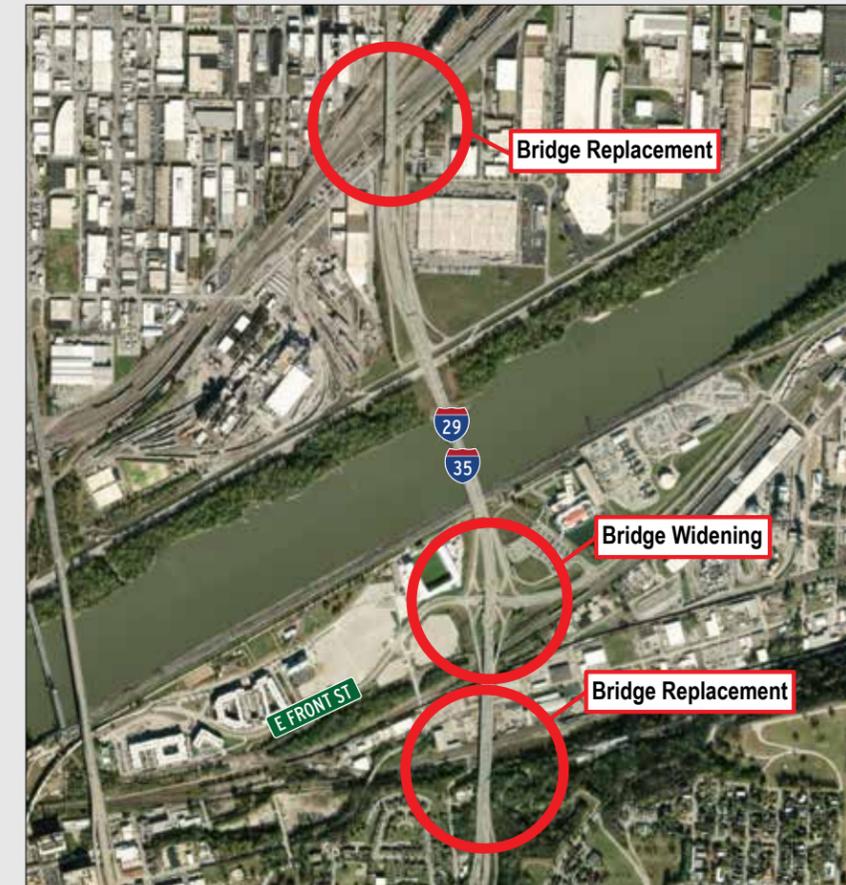
Project Overview

A 2022 conceptual study determined the need to replace the existing viaduct structures on I-29/I-35 north and south of the River. The project is currently in the Right-of-Way and Final Plans phase. The replacement bridge layouts and safety and operational improvements within the study limits were studied in the previous Preliminary Design phase.

The existing northbound and southbound I-35 viaducts that cross over the railroads and local streets near the Missouri River are aging and reaching the end of their useful life. While they remain safe to travel on today, the structures are deteriorating and require frequent maintenance.

If they are not replaced, drivers can expect ongoing repairs and repeated traffic disruptions for years to come.

As MoDOT replaces these bridges, the project also provides an opportunity to improve traffic flow and safety for both current needs and future growth— including increased activity in the area.



Planned Improvements

- I-29/35 viaduct bridge replacement over Guinotte Ave., Union Pacific Railroad and CPKC Railroad.
- I-29/35 bridge widening over East Front Street.
- I-29/35 viaduct bridge replacement over Bedford Ave., Norfolk Southern Railroad and BNSF Railroad.

Details:

- Two lanes of Interstate 29/35, both northbound and southbound, will remain open during most of construction.
- This project includes replacement of two large northbound and southbound bridges on either side of the Missouri River and the widening of the bridge over East Front Street.
- Construction of the projects is anticipated to start in 2028. Due to phasing and coordination with the railroads under the bridges, construction of the bridges could take up to four years to complete.



In order to keep two lanes of traffic flowing in each direction along I-29/35 between North Kansas City and Kansas City, Missouri, traffic phasing may need to take place over four years. With some ramps closed for safety during construction work, this plan allows other ramps to be used as alternative routes. This comprehensive traffic maintenance plan is shown in the chart and map.

Following construction, drivers in the I-29/35 corridor will experience better overall traffic flow. Residents and trail enthusiasts will be pleased to know this work will open up space for a potential Levee Road trail in North Kansas City.

I-29 Ramp Closure by Construction Stage

Ramp	Year Closed	Remarks
1 EB I-70 to I-35 NB entrance ramp	Years 1-4	From NE corner of loop. EB 35 to NB 29 ramp will be closed
2 NB I-29 Paseo entrance ramp	Year 1	Closed for NB outside construction
3 NB I-29 exit ramp to Front St.	Year 1	Closed for NB outside construction
4 NB I-29 entrance ramp from Front St.	-	Open during construction
5 I-29 exit ramp to Bedford Ave.	-	Open during construction
6 NB I-29 entrance ramp from Levee Rd.	Years 1-3	NB outside construction Year 1, staging area needed Years 2-3
7 NB I-29 exit ramp to 16th Ave.	Year 1	Closed for NB outside construction
8 SB I-29 entrance ramp from 16th Ave.	Years 1-4	Closed during construction, no width for safe merging distances
9 SB I-29 exit ramp to Levee Rd.	Year 2	Possibility for shorter term sub-phasing closure if departure angles are ok
10 SB I-29 entrance ramp from Bedford Ave.	-	Open during construction
11 SB I-29 exit ramp to Front St.	-	Open during construction
12 SB I-29 entrance ramp from Front St.	Year 2	Closed for SB outside construction

