



FORWARD 44: I-44/U.S. 50 Interchange



We Want Your Feedback!

MoDOT is studying potential long-term improvements at the I-44/U.S. 50 interchange to enhance safety, reduce congestion, and increase reliability.

I-44 is a vital east-west corridor in Missouri, essential for commercial trucking and freight movement. The I-44/U.S. 50 interchange was designed and built long before current design standards. With the highest number of crashes in the Forward 44 study area, it's important that MoDOT enhances safety for all system users.

MoDOT is eager to understand local concerns to shape goals and priorities for any potential improvements.

How would you define success?

Please share your thoughts on the I-44/U.S. 50 interchange by scanning the QR code.



Contact Us

Stacey Smith, PE, DBIA
Project Director
Alternative Project Delivery
Missouri Department of Transportation
St. Louis District
(314) 453-5084
Anastasia.Smith@modot.mo.gov

What are the Needs for the I-44/U.S. 50 Interchange?



SAFETY

Between 2019 and 2023, **149 crashes** occurred with **8** resulting in **serious injuries** and **1** resulting in a **fatality**.

Horizontal curves and steep grades affect driver behavior, reduce visibility, and create congestion.



CONGESTION

I-44/U.S. 50 interchange is a **critical transportation route** for local and regional travel with high traffic volumes.

Freight makes up 30% of all traffic at the interchange, contributing to congestion due to the larger size of trucks and their frequent speed fluctuations.



PAVEMENT CONDITIONS

Aging pavement along I-44 requires ongoing repairs to maintain drivable conditions, especially under heavy traffic conditions.

Frequent potholes and debris result in uneven road conditions for drivers.



CAPACITY AND RELIABILITY

With only two lanes in each direction along I-44, crashes lead to **major shutdowns** averaging **3.5 hours** each time.

Lack of suitable detours create significant challenges for traffic, including emergency and freight vehicles.



ROADWAY DESIGN

The eastbound I-44 lanes at the interchange feature **consecutive and closely spaced on-and-off ramps**.

Vehicles weaving due to roadway design may contribute to congestion.



RESILIENCY

Flooding on Route O and Route AT disrupts traffic flow and connectivity.

Flooding interruptions can lead to detours and increased travel times.



FORWARD 44: I-44/U.S. 50 Interchange

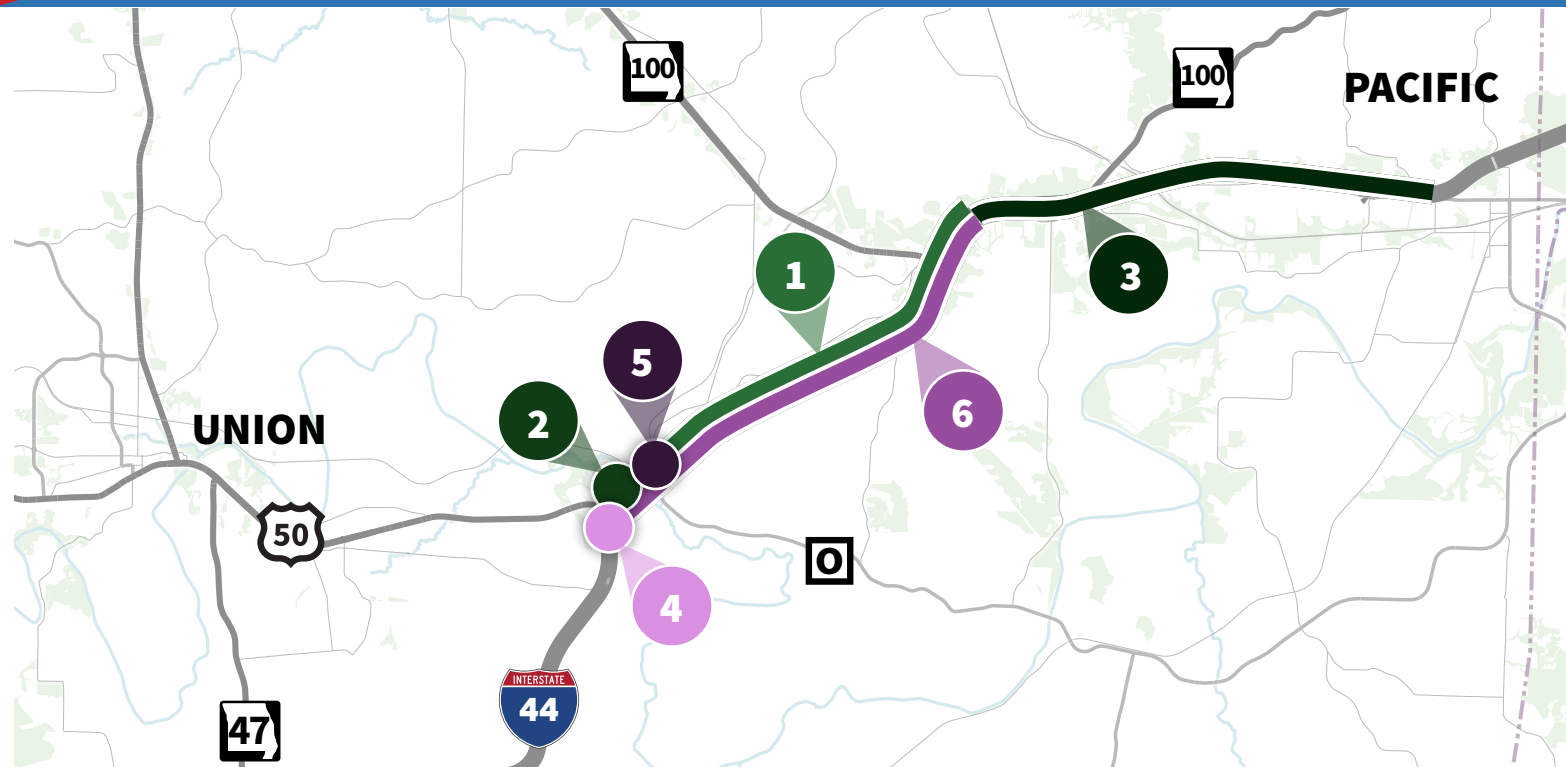


Potential Improvements

MoDOT is pursuing funding opportunities to enhance safety, improve infrastructure and make this critical interchange more reliable and resilient for the future.

How would you define success?

Please share your thoughts on the I-44/U.S. 50 interchange by scanning the QR code.



Upcoming (Funded) Projects

Limits	Funding	Source
1 Pavement Improvements (Limits TBD)	\$20 million *	Legislatively Designated Funds
2 U.S. 50/Route AT Intersection	\$12 million	MoDOT Road Funds (STIP)
3 Pavement Improvements (100W to Pacific)	\$4 million	MoDOT Road Funds (STIP)

* Can be spent towards Unfunded Needs

Unfunded Needs

Limits	Estimate
4 Rebuild I-44/U.S. 50 interchange (Union Exit)	\$70 million
5 Replace Bourbeuse River and Route O Bridges	\$40 million
6 Rebuild and Widen I-44 from 100 W (Washington Exit) to U.S. 50 (Union Exit)	\$70 million

Note: Unfunded needs above are listed in priority order