



U.S. 50 Interchange Improvements Project

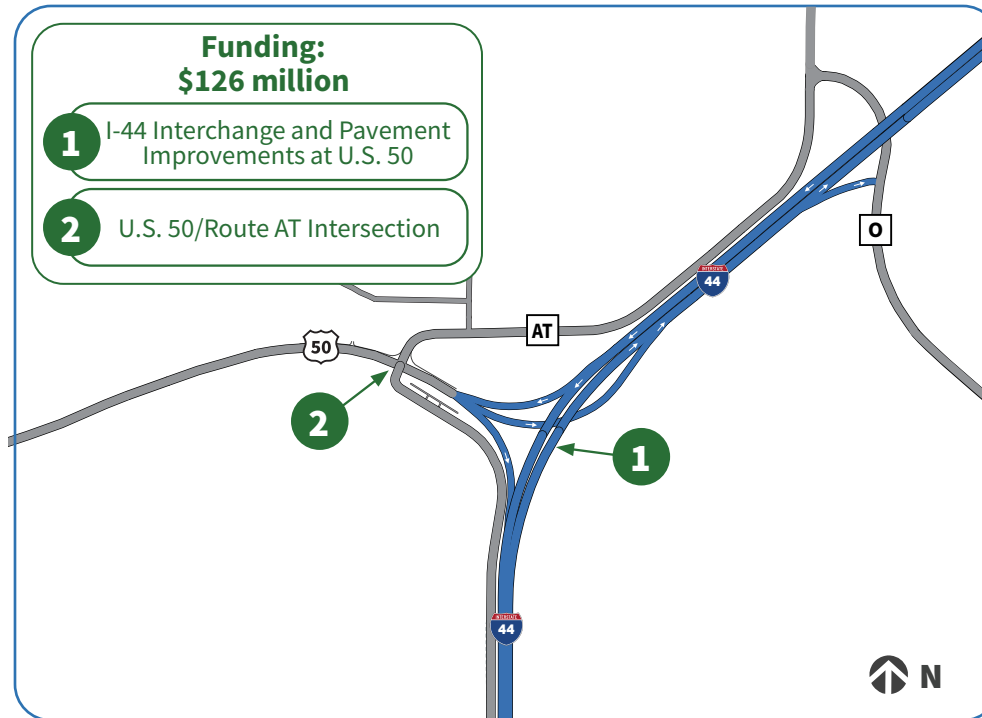


Project Overview

MoDOT is planning improvements at the I-44/U.S. 50 interchange and U.S. 50/AT intersection. This project aims to increase safety and reliability while improving roadway conditions.

Project Goals

- 1) Improve safety and reliability within the I-44/U.S. 50 interchange, U.S. 50/Route AT intersection, and throughout the entire project limits, all within the program budget.
- 2) Provide a long-lasting, expandable transportation system that minimizes maintenance needs and future traffic impacts.
- 3) Construct the project safely while minimizing impacts to the public.
- 4) Deliver the project by 2030.



Project Timeline



Visit our website for more information including our informational video on the potential interchange and intersection designs, and to sign up for updates.



Website Link:
modot.org/projects/SLForward44

Contact Us

Missouri Department of Transportation | St. Louis District

✉ SLForward44@modot.mo.gov



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Potential Designs

Safety is MoDOT's top priority, and we are committed to reducing the number of injuries and deaths from crashes on Missouri roadways:

- From 2020 to 2024, crash rates at the I-44/U.S. 50 interchange and the U.S. 50/Route AT intersection were both above the statewide average for similar locations.
- A new roadway design can help reduce the number and severity of crashes, improving overall safety.

Provide feedback!

Review the potential designs and provide input through a community survey by Friday, October 30.



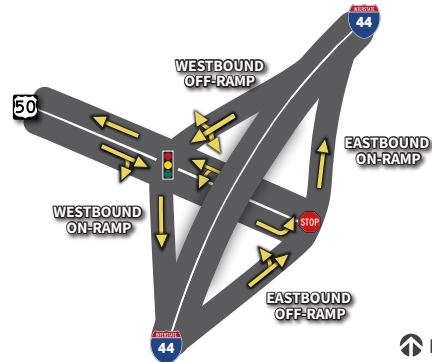
Survey Link:

surveymonkey.com/r/MoDOT_I-44_US50

- MoDOT is sharing potential interchange and intersection designs so the community is informed about what the Design-Build teams may consider.
- The potential designs we are sharing this fall are high-level in nature; the final design could look different due to the feedback received.
- Before final selection, MoDOT and the Design-Build team will evaluate how proposed designs address safety, traffic needs, and project goals.

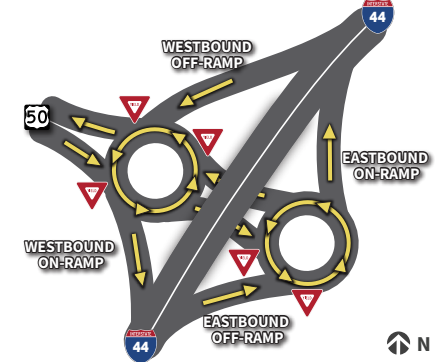
Standard Diamond

- I-44 connects to U.S. 50 using four ramps in a diamond shape.
- Traffic flow is managed at two controlled intersections, by traffic signals or stop signs.



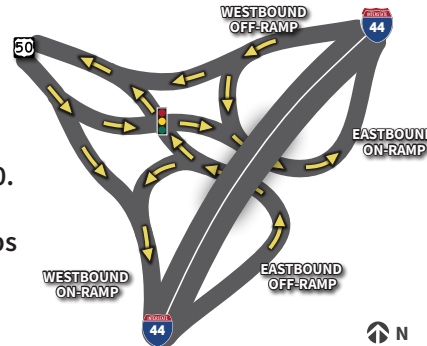
Standard Diamond with Roundabouts

- I-44 ramps connect to U.S. 50 at two roundabouts.
- All traffic flow is managed through two roundabouts, with no left-turn movements.



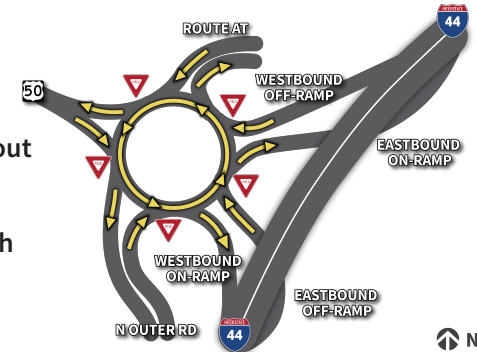
Partial Diverging Diamond

- Eastbound I-44 ramp traffic crosses over to opposite side of road at a signal to get to/from U.S. 50.
- Left-turns to and from the I-44 ramps will not conflict with opposing traffic.



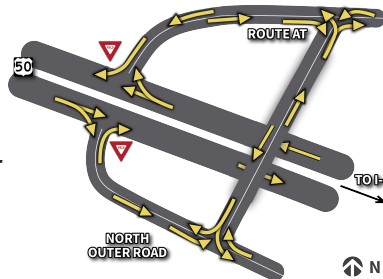
Single Offset Roundabout

- I-44 ramps and nearby roads connect into one central roundabout at U.S. 50.
- All traffic flow is managed through one roundabout, with no left-turn movements.



U.S. 50/Route AT Grade Separation

- Route AT could be incorporated through a grade separation, so it goes over or under U.S. 50.



U.S. 50/Route AT Stand-Alone Roundabout

- Route AT could be incorporated through a stand-alone roundabout.

