



35E Bridge Replacement at Shepard Road

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Metro District

11/01/2023

Project Overview

Project Work

- Replace I-35E bridge over Shepard Road
- Repair I-35E bridge over Mississippi River
- Repair I-35E concrete pavement near Shepard Road

Project Schedule

- 2026 Construction

Project Budget

- \$11.4 million

Shepard Road bridge design

- Generally, replacing as-is
- Bridge will be lengthened slightly so the existing sidewalk on the south side of Shepard can be widened to a 10'+ wide shared-use path



Temporary Construction Impacts

Goals

- Minimize impacts to the traveling public
- Complete construction as quickly as possible
- No long-term closures of 35E (weekend closures possible)
- Avoid construction at 35E/Shepard at the same time as on West 7th (Highway 5), scheduled for construction in 2027

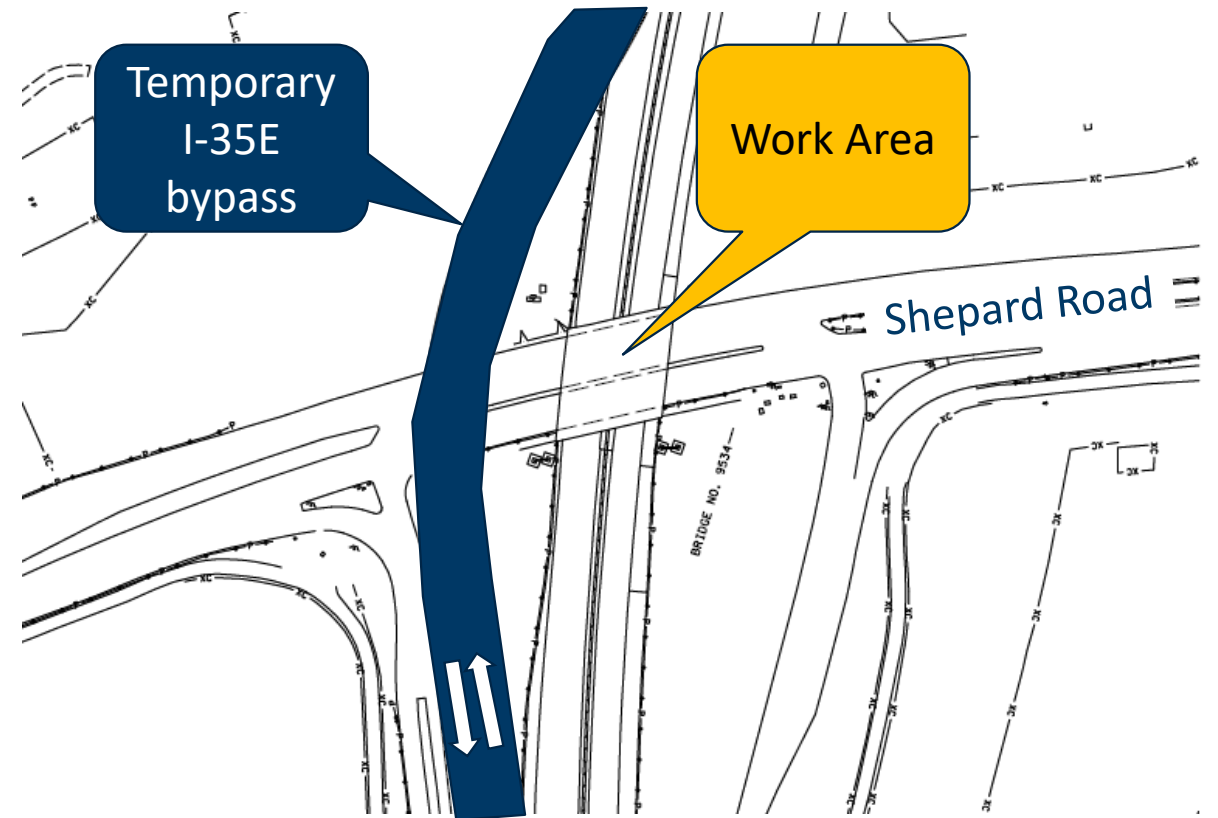
Temporary Construction Impacts

- It is **not** possible to construct the Shepard Road bridge half at a time due to the unique design of the bridge
- Bridge must be replaced all at once



Temporary Construction Impacts

- Recommended construction plan is to construct a temporary **bypass** for 35E around the bridge
- Where the bypass crosses Shepard Road – there are two options:
 - Construct a temporary bridge
 - Construct a temporary embankment (pile dirt on top of Shepard)



Temporary Construction Impacts

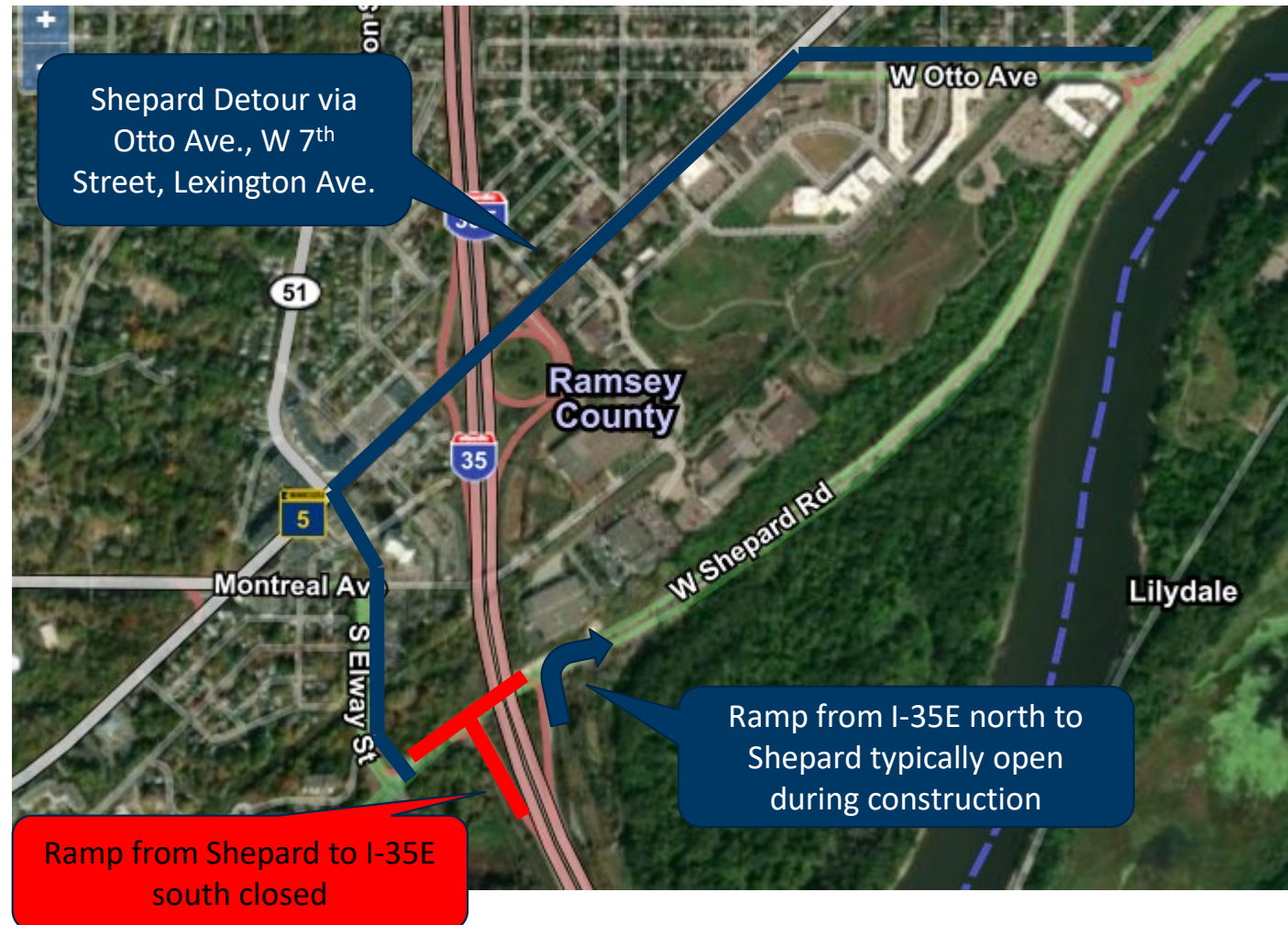
	Construct Temporary Bridge	Construct Temporary Embankment
Construction Duration	Two years, 2026-2027. Shepard under construction at the same time as West 7 th in 2027.	One year, 2026. Shepard construction complete before West 7 th work starts.
Cost	Roughly \$3 million more than embankment option	
Impacts to Shepard Road	Short-term closures required	Closure for up to one year
Risks of unforeseen construction delays	High	Medium

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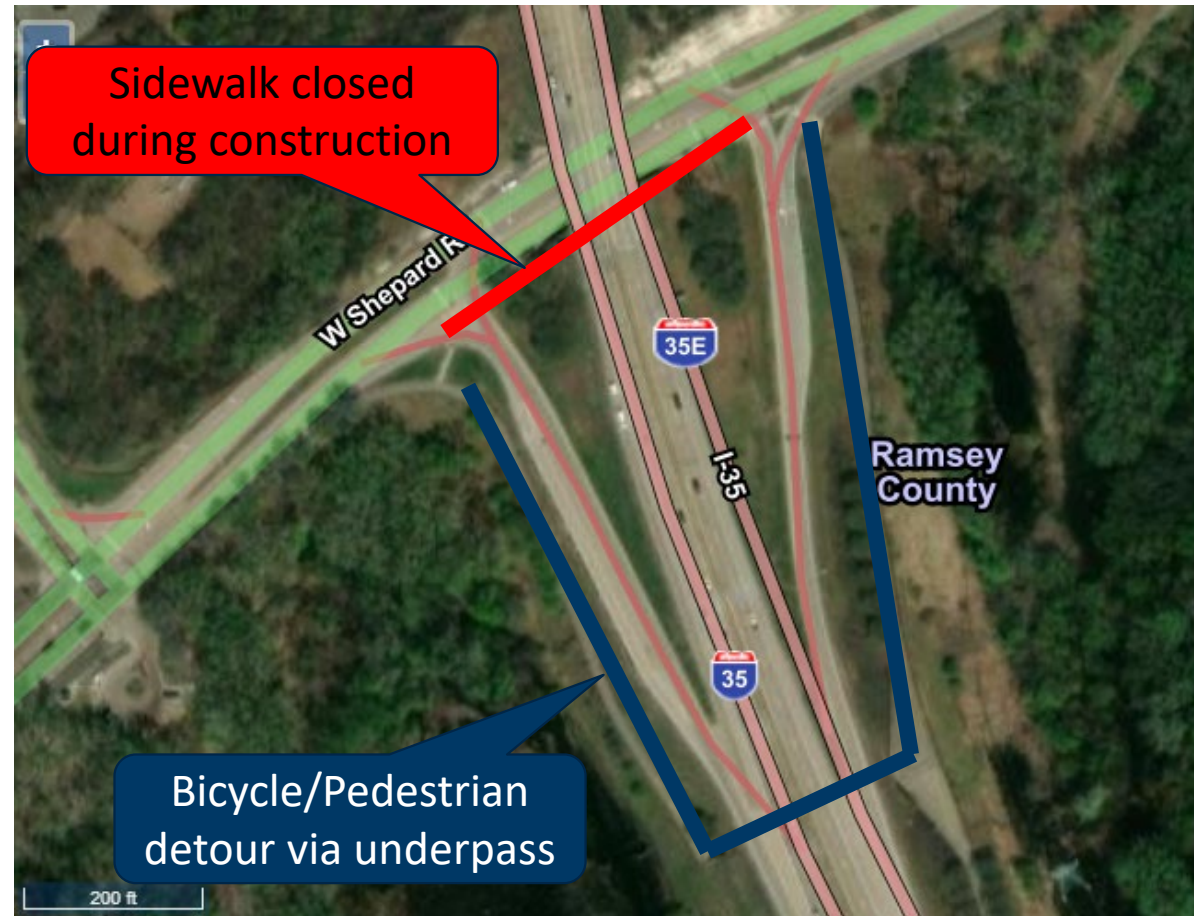
Selected Option

Motor Vehicle Detour



Bicycle/Pedestrian Detour

- Additional coordination required around bicycle/pedestrian events to ensure large volumes of bicycles/pedestrians can safely be accommodated on the detour (Saint Paul Classic bike tour and others)



Future Planning/Coordination/Outreach

- Project website will be created late this year/early next year
- Additional community and business outreach planned in 2024
- Detour route traffic analysis and mitigation

Questions?

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