



10TH & 11TH
STREET VIADUCT
MAJOR INVESTMENT STUDY

TUESDAY, OCT. 27, 2026

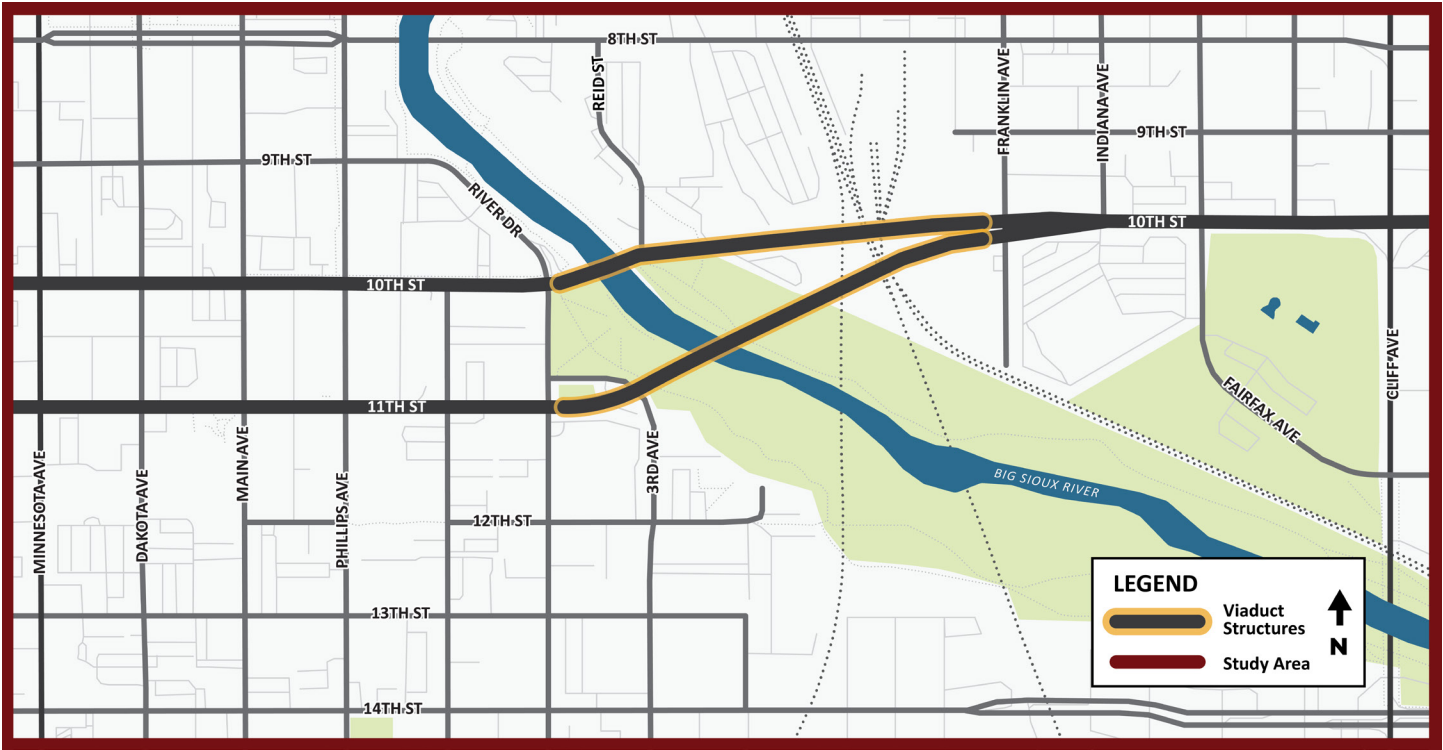


About the Study

The South Dakota Department of Transportation (SDDOT), in conjunction with the City of Sioux Falls, South Eastern Council of Governments (SECOG)/Sioux Falls Metropolitan Planning Organization (MPO), and Federal Highway Administration (FHWA), have initiated a study of the 10th and 11th Street Viaducts in Sioux Falls, S.D. to identify existing issues, evaluate alternatives, and develop a plan for replacement of the viaduct structures.

Ownership of the existing viaduct structures was transferred from the SDDOT to the City of Sioux Falls in 2006. However, the SDDOT is still responsible for the replacement of these structures. SDDOT has tentatively programmed replacement beginning in 2032. The 11th Street structure is tentatively scheduled for replacement in 2036. Multimodal and active transportation travel on or under the viaduct structures will be key elements of the study. Ultimately, this major investment study will identify and evaluate feasible replacement scenarios for the two structures and determine a recommendation.

VIADUCT STUDY AREA



STUDY OBJECTIVES

IDENTIFY AND EVALUATE CONCEPTS TO REPLACE THE 10TH & 11TH STREET VIADUCT BRIDGES AND DETERMINE A RECOMMENDATION



Identify transportation issues and needs for the 10th Street and 11th Street corridors



Develop feasible solutions to address the identified issues and needs



Engage the public and stakeholders



Create final products for the SDDOT and City of Sioux Falls, which will guide implementation of recommended improvements

STUDY SCHEDULE

○ Not Started ● In progress ● Complete



Stakeholder & Public Meetings
December 2024, May 2025 and October 2026



Phase 1
August - December 2024



Phase 2
January - May 2025



Phase 3
May 2025 - October 2026



Stakeholder Engagement
December 2025 - Ongoing



Corridor Study Report
Six weeks

- Two weeks from public meeting to submitting draft report
- Final approved report at end of six week



Environmental Screening Report (ESR)
Initiation of the Study to Approval of ESR

- Draft completed
- Input will be incorporated after this meeting



Environmental Assessment (EA)
12 months after the approval of the ESR

- Draft EA
- Public Availability of the Draft EA
- Public Meeting
- Decision document- Final EA and Finding of No Significant Impact

Background Information

OVERVIEW OF PHASE 3

The purpose of today's public meeting open house is to gather public input on three options for replacing the viaduct structures. There will be a focus on gathering feedback on key considerations including bridge profile, connectivity to Reid Street, roadway alignment, and pedestrian connectivity, along with effects on nearby community resources.

As part of the environmental review process, the study will also evaluate potential impacts to publicly owned park and recreation properties protected under Sections 4(f) and 6(f) of federal law.

Community members are encouraged to review the information presented, including potential effects to these resources, and provide feedback that will help inform the study, environmental review process, and future project decisions. This input will help the study team refine these options during the environmental process.

Visit the project website at <https://www.1011viaductstudy.com> to learn more and submit comments by **Tuesday, Nov. 10, 2026**.

CITY OF SIOUX FALLS DOWNTOWN TRAFFIC IMPACT STUDY

In early 2024, the City of Sioux Falls completed a Downtown Traffic Impact Study (TIS) to provide traffic-related guidance to long-range planning efforts and future projects throughout the downtown area. For the 10th & 11th Street corridor, the study demonstrated the need to maintain:

- Three lanes in each direction for vehicular travel
- One-way pair between Minnesota Avenue and 2nd Avenue

The Sioux Falls MPO travel demand model shows considerable demand for travel to/from and through the downtown area, particularly on the 10th & 11th Street corridors. The TIS found that reducing capacity on 10th and 11th Streets through downtown pushes traffic to other downtown streets, not intended for high traffic volumes, such as Falls Park Drive, 6th Street, 8th Street, and 14th Street.

Additional information on the Downtown TIS is available on the study website.

What we heard

The study team has held two rounds of stakeholder and public engagement so far to gain input on the project. At the first and second series of stakeholder and public meetings in December 2024 and May 2025, we heard about the need to calm traffic on the viaducts, enhance bicycle and pedestrian connectivity and safety, and improve pedestrian comfort when walking on the viaduct sidewalks. Feedback collected from both sets of meetings has been used to help the study team refine and evaluate alternatives and develop the preliminary options presented at the third public meeting open house. There was also a strong desire to lower 10th and 11th Street through the park areas and enhance aesthetics on the future bridges.

The options being presented at this third public meeting open house incorporate many of these elements, at varying degrees. However, some elements such as bridge aesthetics and pedestrian/bicycle connectivity will be further developed in the study's next steps.



Design for slower vehicle speeds and calm traffic



Enhance bicycle and pedestrian connectivity and safety



Improve pedestrian comfort when traveling on viaduct



Preservation of green space and parkland



Lower the 10th and 11th Street roadway

FAQs

■ When were the existing bridges constructed?

The 10th Street viaduct bridge was constructed in 1930 and the 10th Street Big Sioux River bridge was constructed in 1934. The 11th Street viaduct bridge, the longest of the three structures and extending approximately 1,578 feet, was constructed in 1971.

■ Why are improvements needed?

SDDOT has determined that the existing bridges are near the end of their lifespan and are planning for their replacement due to deteriorating structure condition and increasing maintenance costs.

■ How long will the study take to complete?

The study is anticipated to last nearly four years to develop, refine, and evaluate concepts, incorporate public feedback, and complete National Environmental Policy Act (NEPA) to identify recommendations.

■ What happens when the Viaduct Replacement Major Investment Study is complete?

The SDDOT will use recommendations from this study to scope design projects for replacement of the viaduct structures. At the same time, the City of Sioux Falls will begin scoping project(s) to complete required modifications to the local street network.

■ When will the new bridges be constructed?

The 10th Street structure is tentatively programmed for replacement in year 2032, and the 11th Street structure is tentatively programmed for replacement in 2036.

■ What is the plan for traffic during construction?

This study will evaluate different options for maintaining traffic during construction and make a recommendation. Scenarios that will be analyzed could include maintaining at least one lane of traffic in each direction on one of the bridges while the other is being replaced or routing one or both directions of traffic to an adjacent street (e.g., 8th Street, 14th Street, 26th Street). Approximate timelines for traffic impacts will be developed.

■ Will the one-ways be retained?

The Downtown TIS demonstrated a need to maintain the existing 10th Street and 11th Street one-way pair. This study will update the traffic and safety analysis for the corridor to help inform concept development. The existing 10th Street and 11th Street one-way configuration will be retained.

STAY INFORMED!

Access the project website to submit comments and learn about the study.

STUDY WEBSITE



<https://www.1011viaductstudy.com>

Comments will be accepted in person at the public meeting and on the study website until **Tuesday Nov. 10, 2026.**

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