

First Ave. S. Roadway and Bridge **Reconstruction Project**

Project Goals:





and trees

1ST AVENUE S Reconstruction

- Improve safety and mobility for all people
- Install an All Ages and Abilities bikeway facility
- Find opportunities for green stormwater improvements, plantings,





Find out more and provide feedback here: https://www.minneapolismn.gov/government/ projects/1st-ave-lake-st/



Project timeline

The City of Minneapolis Public Works Department is reconstructing 1.5 miles of First Ave S from Lake St to Grant St including replacing the bridge over the Midtown Greenway.

Lake to Franklin construction will begin in 2024 and Franklin to Grant will begin in 2025.

Minneapolis is currently determining the amount of replacement to sanitary pipes underneath First Ave S. The schedule is subject to change as we learn more about these needs.





2026 2025 Phase 2 Construction





Stormwater Infrastructure

What types of green stormwater infrastructure would you like to see on First Ave.?



Native Plantings

Native plants provide stormwater management that is less maintenance than turfgrass/sod grass, increases plant diversity, and habitat for bees and other pollinators.



Rain Gardens

Rain gardens are planted areas in boulevard and bump outs that filter and/or capture water running into the street to prevent flooding during a storm.

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Tree Trench

Tree trenches are deeper beds created specifically for tree growth. They absorb more water than a rain bed, but often need more resources to maintain.

Typical sod boulevard



In the past, the city typically installed sod and trees only in boulevard.





What is green stormwater infrastructure?

Green stormwater infrastructure is an approach to stormwater management that helps to reduce untreated stormwater flows into the City's storm sewer system and to lakes, rivers, and ponds.

This occurs by directing stormwater from non-permeable surfaces to permeable locations such as boulevards and rain gardens. These permeable spaces allows the stormwater to filter and infiltrate back into the ground water.

Non-permeable roads

Pavement and concrete surface do not allow rainwater to reach the soil below, causing run off into storm sewers and flooding.





Examples of non-permeable roads

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Green stormwater infrastructure







Possible improvements to First Ave. S.

What makes a street safer for all users?

- Bump outs: slow down cars and increase pedestrian visibility and shorten roadway crossing distances
- Raised pedestrian and bike crossing
- Advance stop bars: increases distance between crossing pedestrians and vehicles
- Separated bike lanes: increase safety and comfort for bikers of all ages and abilities





Bump outs

Raised pedestrian and bike crossing

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Separated bike lanes



Advanced stop bars





South of the Greenway

Existing roadway



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Concept Improvements









Existing roadway



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Concept Improvements







North of 28th St.

Existing roadway



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Concept Improvements









Existing roadway



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Concept Improvements







North of 16th St.

Existing roadway



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Concept improvements: green space



Concept improvements: parking





