

SUMMARY OF ENGINEERING RECOMMENDATIONS 2024 Arterial Mill & Overlay Program

Report Prepared – 4/11/24
Public Hearing – 6/19/24

PROGRAM

The Arterial Mill & Overlay program proposes to extend the pavement life cycle by resurfacing the bituminous pavement. In conjunction, the project will upgrade existing pedestrian ramps and construct sidewalks and pedestrian improvements.

EXISTING CONDITIONS

Concordia from Snelling to Marion

This street segment is within Minnesota Department of Transportation (MnDOT) right-of-way and have received pavement and pedestrian improvements at various locations of entrance and exit ramps and cross streets in conjunction with other projects by MnDOT and Ramsey County. The entirety of street though has not seen any major rehabilitation besides annual pothole patching. The sections from Asbury to Pascal, Hamline to western ramp of Lexington, eastern ramp of Lexington to western ramp of Dale, and east ramp of Dale to Marion all need improvement. The pavement condition is as low as 11 out of 100.

Front from Western to Rice

Front from Western to Rice was last reconstructed in 1990 with the sewer separation project and has no record of major rehabilitation or improvements since. The pavement condition is in a range between 18 and 28 out of 100.

PROPOSED IMPROVEMENTS

The project seeks to improve the pavement conditions on the following street segments:

Concordia - Snelling to Marion
Front - Western to Rice

Improvements to be made as part of the project include constructing new bituminous surfaced streets, upgrading existing pedestrian ramps to current Americans with Disabilities Act (ADA) current standards and construction of sidewalks and pedestrian improvements.

ALTERNATES

To do nothing would not fulfill the City's responsibility for maintaining reconstructed residential streets and extending their pavement life cycle. Without resurfacing, the pavement would continue to disintegrate beyond repair. Maintenance costs would likely increase beyond normal means if not maintained properly on a regular schedule.

POSITIVE BENEFITS

General improvement to the street pavement surfaces and ride quality. The newly resurfaced roadways will improve the durability and useability of the streets, reduce maintenance issues, and continue the City's efforts to improve the transportation system in Saint Paul. The pedestrian ramps, sidewalks and pedestrian improvements will enhance neighborhood safety and movement for all users.

ADVERSE EFFECTS

Normal problems associated with construction such as noise, dust, reduced access to the neighborhood, and general disruption will be present while the work is being done.

EFFECTS ON TREES

Any tree limbs extending into the roadway which could impact construction machinery will be pruned by the Department of Parks & Recreation's Forestry crews. The project will seek to minimize tree impacts where possible.

TIME SCHEDULE

The project is anticipated to take place in the summer of 2024.

COST ESTIMATE

Construction	\$ 4,306,490
Engineering & Inspection	\$ 820,263
Contingency	\$ 512,675

PROJECT TOTAL **\$5,639,428**

ESTIMATED FINANCING

General Fund and Assessments	\$ 3,613,600
Sidewalks Program	\$ 468,600
MnDOT	\$ 411,000
Assessments	\$ 1,146,228

PROJECT TOTAL **\$5,639,428**

SOURCE OF ADDITIONAL INFORMATION

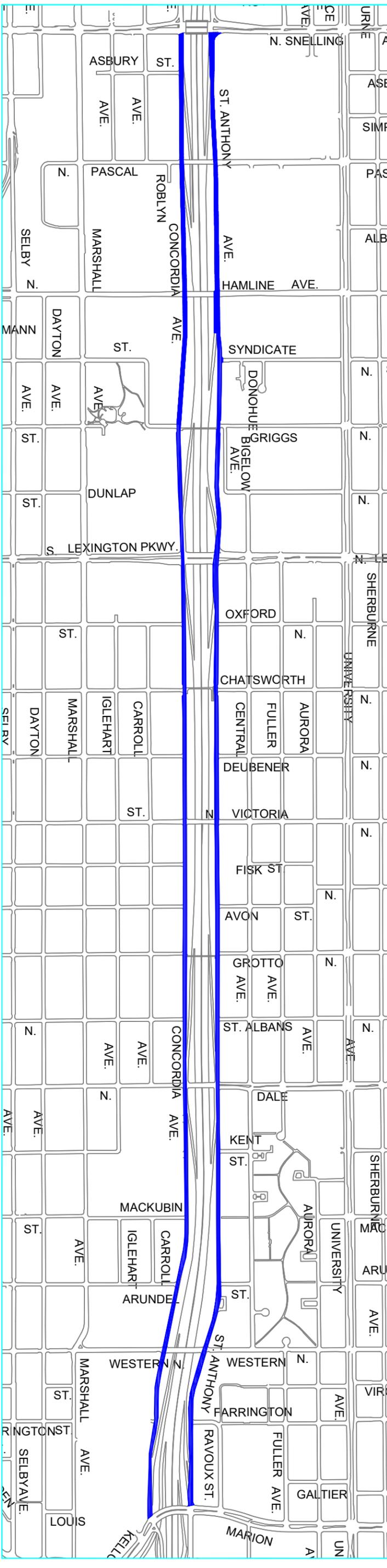
For additional information, contact Jary Lee 651-266-1107 for pedestrian and sidewalk improvements or Cha Lee 651-266-9791 for mill and overlay improvements.

SUMMARY AND RECOMMENDATION

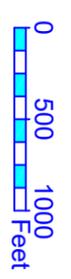
The Department of Public Works has ranked this a high priority project and the Engineering Recommendation is for approval of the project and financing.

Respectfully submitted,

Jary Lee, PE
Public Works



CONSTRUCTION IN 2024



PROJECT MAP



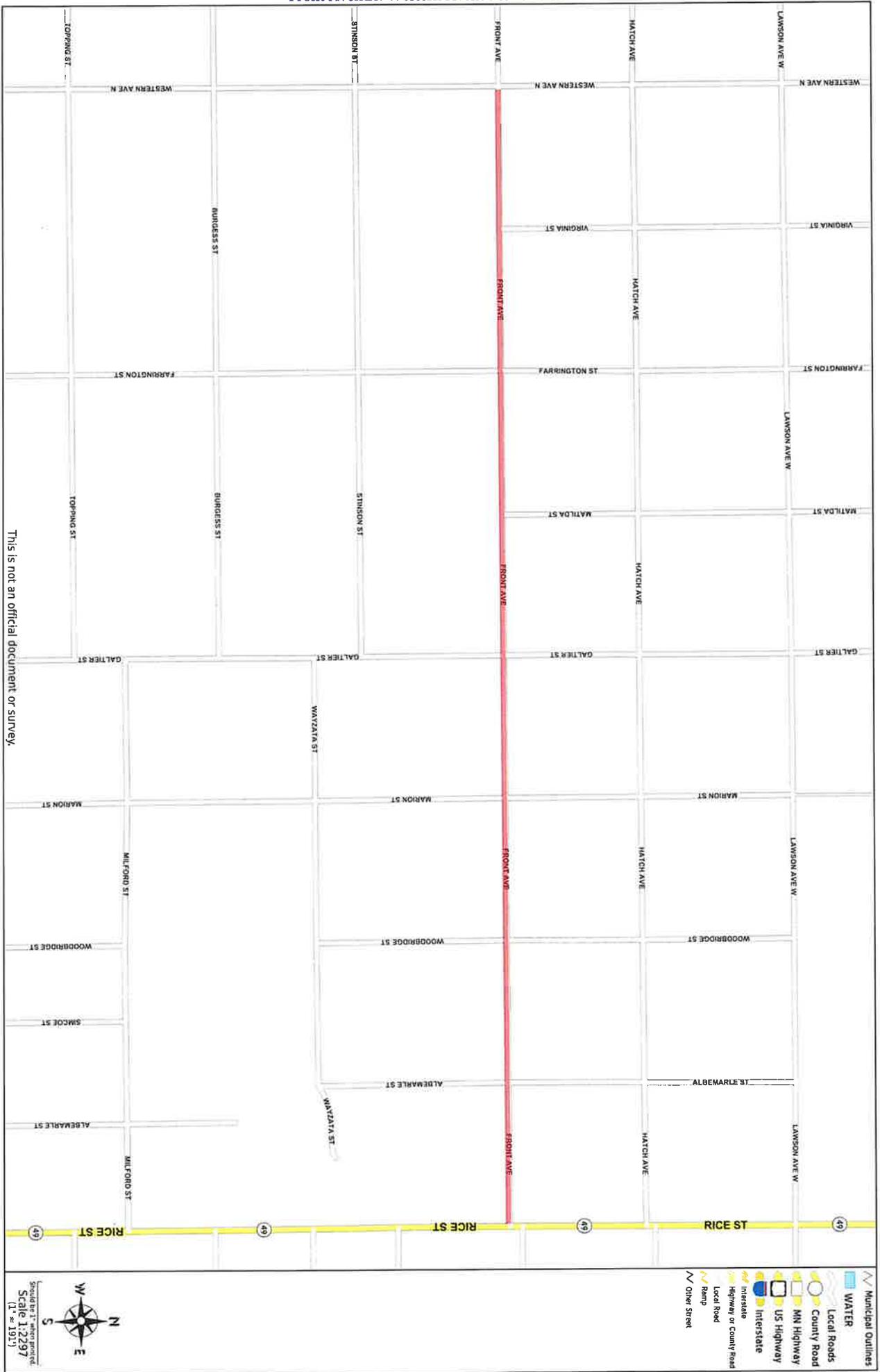
DESIGNED	ASO
DRAWN	ASO
APPROVED	JL

PREPARED BY STREET ENGINEERING DIVISION FOR THE CITY OF ST. PAUL, DEPARTMENT OF PUBLIC WORKS
CONCORDIA AVENUE AND ST. ANTHONY STREET

PROJECT:	24-P-XXX
STATE AID	XXX-XXX-XXX
PROJECT NUMBER:	
DATE:	8/17/2023



Front Avenue: Western Avenue to Rice Street



This is not an official document or survey.

- Municipal Outlines
- WATER
- Local Roads
- County Road
- MN Highway
- US Highway
- Interstate
- Interstate
- Highway or County Road
- Local Road
- Ramp
- Other Street

Scale: 1:2297

 (1" = 195')