

SUMMARY OF ENGINEERING RECOMMENDATIONS
2022 Saint Paul Streets Project

Report Prepared – 02/07/22
Public Hearing – 04/13/22

PROGRAM

The project seeks to improve a portion of the **Wheelock Parkway from east of Edgerton Street to West of Arcade St (Highway 61)** by reconstructing the roadway pavement and improving the pedestrian and bicycle facilities.

Improvements to be made as part of the project include constructing new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons and boulevards landscaped with sod and trees. Impacted sidewalks will be replaced as necessary. Sidewalks will be added where appropriate. The existing wood pole streetlights will be replaced with lantern style lights as part of the project. In addition, sections of new watermain will be installed, appropriate storm and sanitary sewer repairs will be made, and sanitary sewer reconnections will be made at the request of property owners.

EXISTING CONDITIONS

The roadway was originally paved in in 1925. The existing roadway width on the parkway is two 20-foot-wide roadways separated by a planted median.

The street lighting on Wheelock Parkway is primarily davit arms on wood poles.

PROPOSED IMPROVEMENTS

It is proposed to improve a portion of Wheelock Parkway from west of Edgerton Street to Arcade St (Highway 61) with the construction on a new bituminous surfaced roadway with concrete curb and gutter, City of Saint Paul standard lantern style lighting system, concrete driveway aprons, and boulevards landscaped with sod and trees where appropriate. Impacted sidewalk will be replaced. A bituminous trail along the median will be constructed.

In addition, appropriate sanitary and storm sewer repairs will be made, and sanitary sewer connections will be made at the request of property owners. Existing water main will be replaced where necessary.

The proposed configuration for Wheelock Parkway will typically be two 20-foot-wide roadways separated by a planted median to provide two travel lanes and two parking lanes. Concrete sidewalks are present and will be repaired to match the existing width where impacted. A 12-foot median trail will be constructed as part of the Grand Round regional trail.

As part of this project, the existing pedestrian ramps will be brought up to current

federal, state, and city ADA design standards.

Public art will be included in the project, following the procedures developed for street projects. Funding for public art is 1% of eligible project funds, in this case Street Reconstruction Bonds, as determined by the Office of Financial Services per the City's Public Art Ordinance.

ALTERNATES

To do nothing would not fulfill the neighborhood's desire for a calmer, more cohesive and safer environment for all modes. Without construction, the Saint Paul Grand Round would have a gap in the trail facilities along this length of Wheelock Parkway.

POSITIVE BENEFITS

General improvement of the public right-of-way will enhance and add quality to the neighborhood. The newly rebuilt roadways will improve the durability and drivability of the streets, reduce maintenance issues, and continue the City's efforts to improve the transportation system in Saint Paul. The light system will enhance neighborhood safety and aesthetics. The upgrades to the sidewalks will improve pedestrian safety and movement. Improvements will close a facility gap for the Saint Paul Grand Round. The Saint Paul Grand Round is an important regional facility connecting parks and neighborhoods throughout Saint Paul.

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

This project will impact boulevard and median trees. Any trees identified to be impacted by disease or pests will be removed. The project will seek to minimize tree impacts where possible. New trees will be planted where there is sufficient space as part of the boulevard and median restoration following the City's master tree planting plan.

TIME SCHEDULE

The project is anticipated to begin in the spring of 2022 and completed in the fall of 2022.

COST ESTIMATE

Construction	\$ 6,783,000
Engineering	<u>\$ 950,000</u>
PROJECT TOTAL	\$ 7,733,000

ESTIMATED FINANCING

Saint Paul Regional Water Services (SPRWS)	\$ 500,000
Major Sewer Repairs	\$ 470,000
Assessed Private Sewer Repairs	\$ 13,000
Street Reconstruction Bonds	<u>\$ 6,750,000</u>

PROJECT TOTAL \$ 7,733,000

See the attached assessment roll for information regarding the 2022 assessment rates.

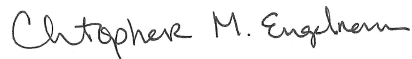
SOURCE OF ADDITIONAL INFORMATION

For additional information, contact the Project Engineer, Chris Engelmann, at 266-6084.

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.

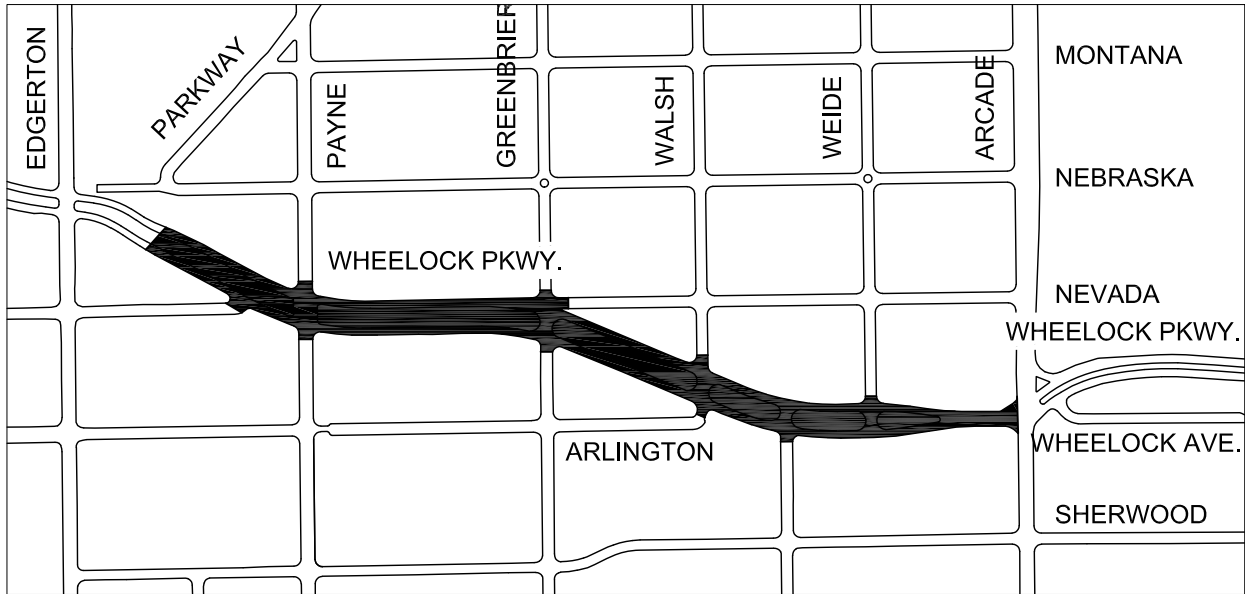
Respectfully submitted,



Christopher M. Engelmann
Public Works



City of Saint Paul
 Department of Public Works
 Street Design and Construction Division



2022

WHEELOCK PARKWAY

RECONSTRUCTION IN 2022

L = 2500 ft.
 W = 20 ft.
 ROW = 120 ft.
 PROJECT MAP

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DESIGNED	CX
DRAWN	CX
APPROVED	CME

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

WHEELOCK PARKWAY PHASE V

PROJECT:	22-P-XXXX
STATE AID	XXX-XXX-XXX
PROJECT NUMBER:	
DATE:	1/28/2021

