

SUMMARY OF ENGINEERING RECOMMENDATIONS
Wheelock Parkway: Western Avenue to Rice Street

Report Prepared 2-19-2019
Public Hearing 4-17-2019

PROJECT

This project is to improve the area referred to as **Wheelock Parkway Phase IV** from Western Avenue to Rice Street as part of the Saint Paul Grand Round implementation plan. See the attached project area map.

Improvements to be made as part of the project include reconstructing bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons, sidewalks, bituminous path, and boulevards landscaped with sod and trees. The existing wood pole lights will be replaced with lantern style lights as part of the project. In addition, appropriate water, sanitary, and storm sewer repairs and replacement will be made, and storm and sanitary sewer reconnections will be made at the request of property owners.

EXISTING CONDITIONS

Wheelock Parkway was last constructed in 1924.

The current Pavement Condition Index (PCI) ranges from 12 to 39 (on a scale of 100).

Wheelock is generally 30' wide. The area has existing street lights mounted on wood poles. There is no bituminous path or sidewalks along Wheelock Parkway from Western Avenue to Rice Street.

PROPOSED IMPROVEMENTS

It is proposed to improve Wheelock Parkway with the construction of a new bituminous surfaced street with concrete curb and gutter, concrete driveway aprons, and boulevards landscaped with sod and trees. Concrete mainline sidewalks and a bituminous path will be constructed for the length of the project, a safety improvement. In addition, appropriate sanitary sewer repairs will be made, lead water services in the right of way will be replaced, and sanitary sewer connections will be made at the request of property owners. Existing water main will be replaced where necessary.

The roadway will be 24' wide with a 5' concrete sidewalk on each side and a 10' bituminous path in the south boulevard.

The street lighting system will be updated to the standard City of Saint Paul ornamental lanterns.

As part of this project, special attention will be paid to bringing the existing pedestrian ramps and crossings up to current ADA standards and City 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 be inconsistent with the City's commitment to improve existing oiled and older paved streets and would perpetuate existing utility challenges and not provide safer transportation options for all modes.

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. Lantern style lighting will enhance neighborhood safety and esthetics. The newly reconstructed sidewalks and bituminous path will improve bicycle and pedestrian safety and movement, and provide continuity with the existing parkway improvements to the east and west.

ADVERSE EFFECTS

Common impacts 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 trees. Trees impacted by disease or pests will be removed. The project will see to minimize tree impacts where possible. New trees will be planted as part of boulevard restoration, following the City's master tree planting plan.

TIME SCHEDULE

The project is anticipated to begin in the spring of 2019 and be substantially completed by the fall of 2019.

COST ESTIMATE

Construction	\$ 7,720,000
Engineering	<u>\$ 1,365,000</u>

PROJECT TOTAL	\$ 9,085,000
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ESTIMATED FINANCING

SRB	\$ 7,580,000
SPRWS	\$ 845,000
Major Sewer Repairs	<u>\$ 660,000</u>

PROJECT TOTAL **\$ 9,085,000**

The 2019 assessment rates for asphalt street paving are divided into five property classifications as follows:

- Single Family Residential - \$80.00 per assessable foot
- Multi-Family Residential - \$115.56 per assessable foot
- Commercial - \$115.56 per assessable foot
- Other (institutional-Religious/Education) - \$115.56 per assessable foot
- Vacant (City Properties) - \$115.56 per assessable foot

The rate for paving includes sidewalk infill where appropriate.

SOURCE OF ADDITIONAL INFORMATION

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

SUMMARY AND RECOMMENDATION

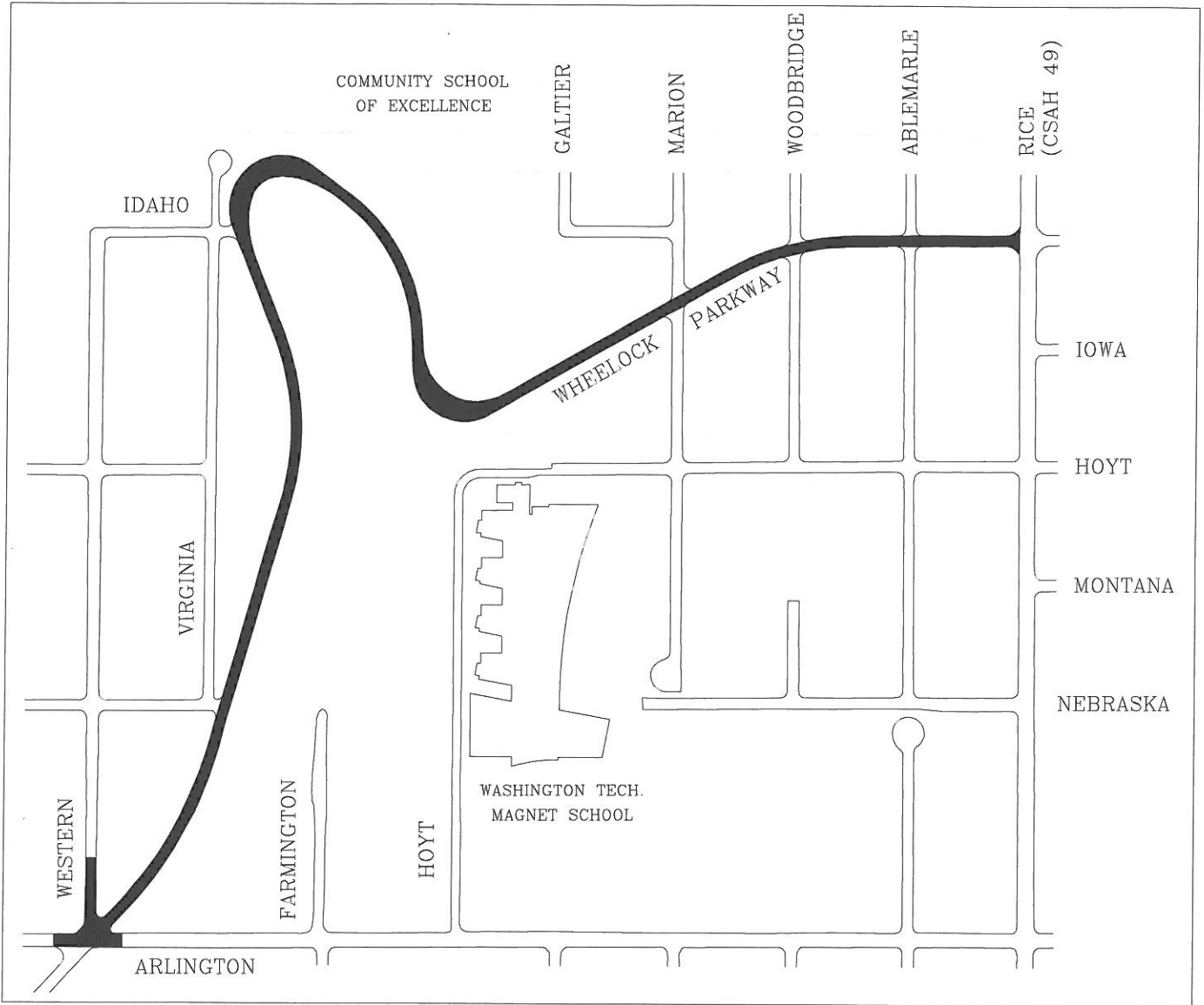
The Department of Public Works feels that this is a necessary and worthwhile project, and the Engineering Recommendation is for approval of the project.

Respectfully submitted,

Chris Engelmann
Public Works



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



2019

WHEELOCK PARKWAY RECONSTRUCTION

CONSTRUCTION IN 2019

L = 5430 ft.
 W = 24 ft.
 PROJECT MAP



DESIGNED	CX
DRAWN	CX
APPROVED	DAH

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

WHEELOCK PARKWAY

PROJECT:	19-P-XXXX
STATE AID PROJECT NUMBER:	NA
DATE:	1/4/2018



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