

**SUMMARY OF ENGINEERING RECOMMENDATIONS**  
**Wheelock Parkway: Victoria Street to Danforth Street**

Report Prepared 2-27-2017  
Public Hearing 4-05-2017

**PROJECT**

This project is to improve Wheelock Parkway from Victoria Street to Danforth Street.

Improvements to be made as part of the project include constructing new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons, sidewalks will be added where appropriate, 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 sanitary sewer repairs 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. Numerous repairs and overlays have occurred since then.

The current Pavement Condition Index (PCI) ranges from 6 to 27 (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 along Wheelock Parkway from Victoria to Danforth.

**PROPOSED IMPROVEMENTS**

It is proposed to improve Wheelock Parkway with the construction of a new bituminous surface street with concrete curb and gutter, concrete driveway aprons, and boulevards landscaped with sod and trees. Mainline sidewalk will be reconstructed where appropriate. A bituminous path will be constructed for the length of the project. In addition, appropriate sanitary sewer repairs will be made, and storm sewer and sanitary sewer connections will be made at the request of property owners. Existing water main will be replaced where necessary. A new signal system will be constructed at Dale Street.

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

New lantern style street lighting system will be installed. The lights mounted on wood poles will be removed.

As part of this project, special attention will be paid to bringing the existing pedestrian

ramps up to current ADA standards and City design standards.

Public art will be included in the project, following the procedures developed for the project. Funding for public art is 1% of eligible project funds, 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 along with bicycle and pedestrian movement.

**POSITIVE BENEFITS**

General improvement of the public right-of-way will enhance and add quality to the neighborhood. The newly rebuilt roadways will improve drivability of the neighborhood, and continue the City's efforts to improve the street 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 movement.

**ADVERSE EFFECTS**

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

**EFFECTS ON TREES**

Boulevard trees will be impacted by this construction. We will try to keep the impact to trees to a minimum. New trees will be planted where there is sufficient space as part of the boulevard restoration following the City's master tree planting plan.

**TIME SCHEDULE**

The project will begin in the spring of 2017 and will be completed by the fall of 2017.

**COST ESTIMATE**

Construction	\$ 3,787,500
Engineering	<u>\$ 1,262,500</u>

**PROJECT TOTAL**                                 **\$ 5,050,000**

**ESTIMATED FINANCING**

SIB	\$ 4,750,000
SPS Traffic Signals on Arterials	150,000
Ramsey County (for their half of signal)	<u>\$ 150,000</u>

**PROJECT TOTAL**                                 **\$ 5,050,000**

The 2017 assessment rate is expected to be \$117.72 for paving and \$23.76 for street lighting per assessable foot. The rate for paving includes sidewalk infill where and appropriate.

**SOURCE OF ADDITIONAL INFORMATION**

For additional information, contact Jesse Farrell at 266-6155.

**SUMMARY AND RECOMMENDATION**

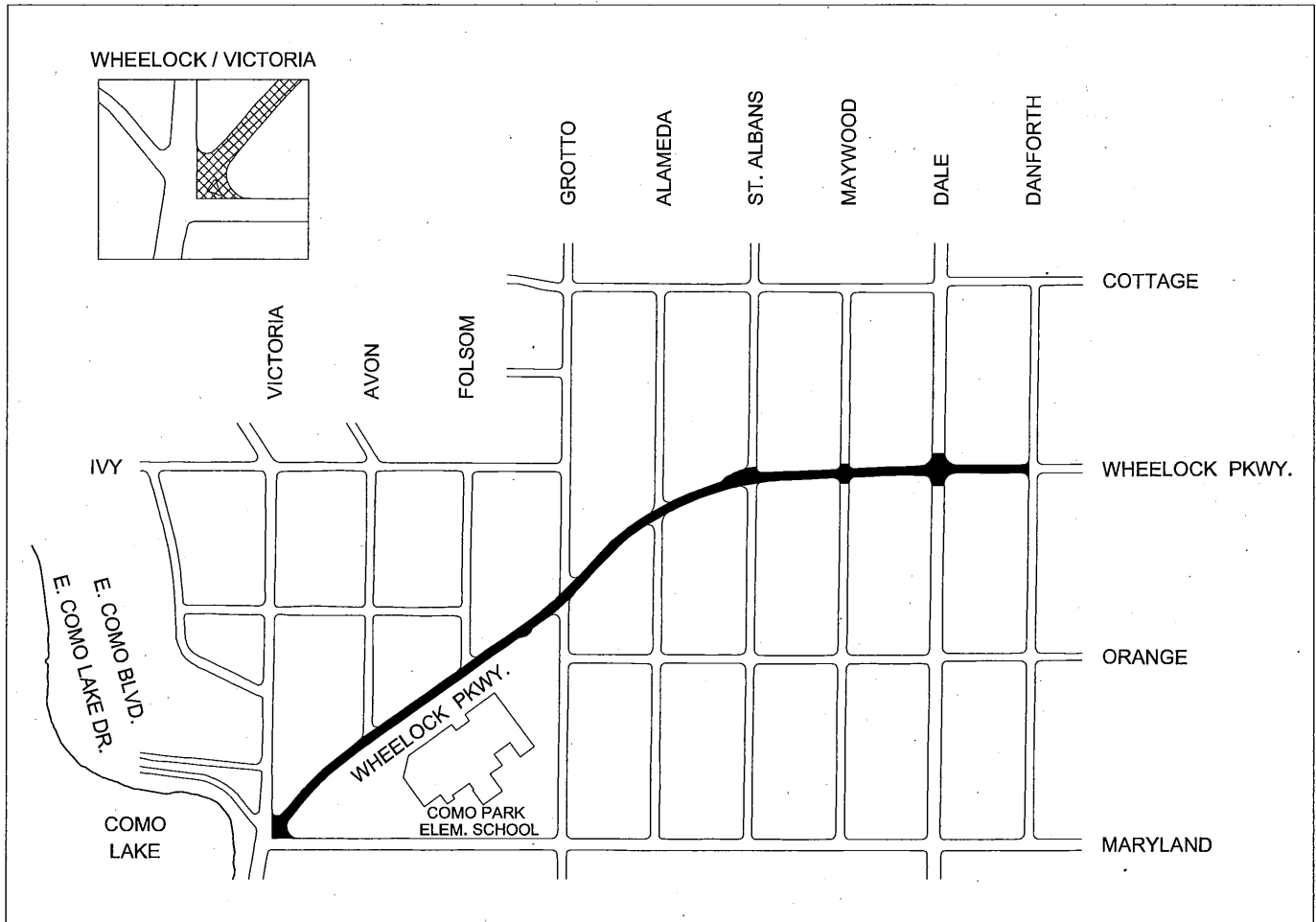
The Department of Public Works feels that this is a necessary and worthwhile project, and the Engineering Recommendation is for approval of the project.

Respectfully submitted,

Jesse Farrell  
Public Works



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



2017

WHEELOCK PARKWAY RECONSTRUCTION

█ CONSTRUCTION IN 2017

L = 3080 ft.  
 W = 24 ft.  
 PROJECT MAP

\\Teal\cod\streets\projects\current\Wheelock 2017\DWG\Project Map\Wheelock 2017 - Project Map 2.27.17.dwg Feb 27, 2017 - 11:02am

	DESIGNED	CX
	DRAWN	CX
	APPROVED	JPF

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

WHEELOCK PARKWAY

PROJECT: 17-P-1432

STATE AID PROJECT NUMBER: NA

DATE: 2/27/2017

