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	$ 1,262,500
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)	$ 150,000
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.

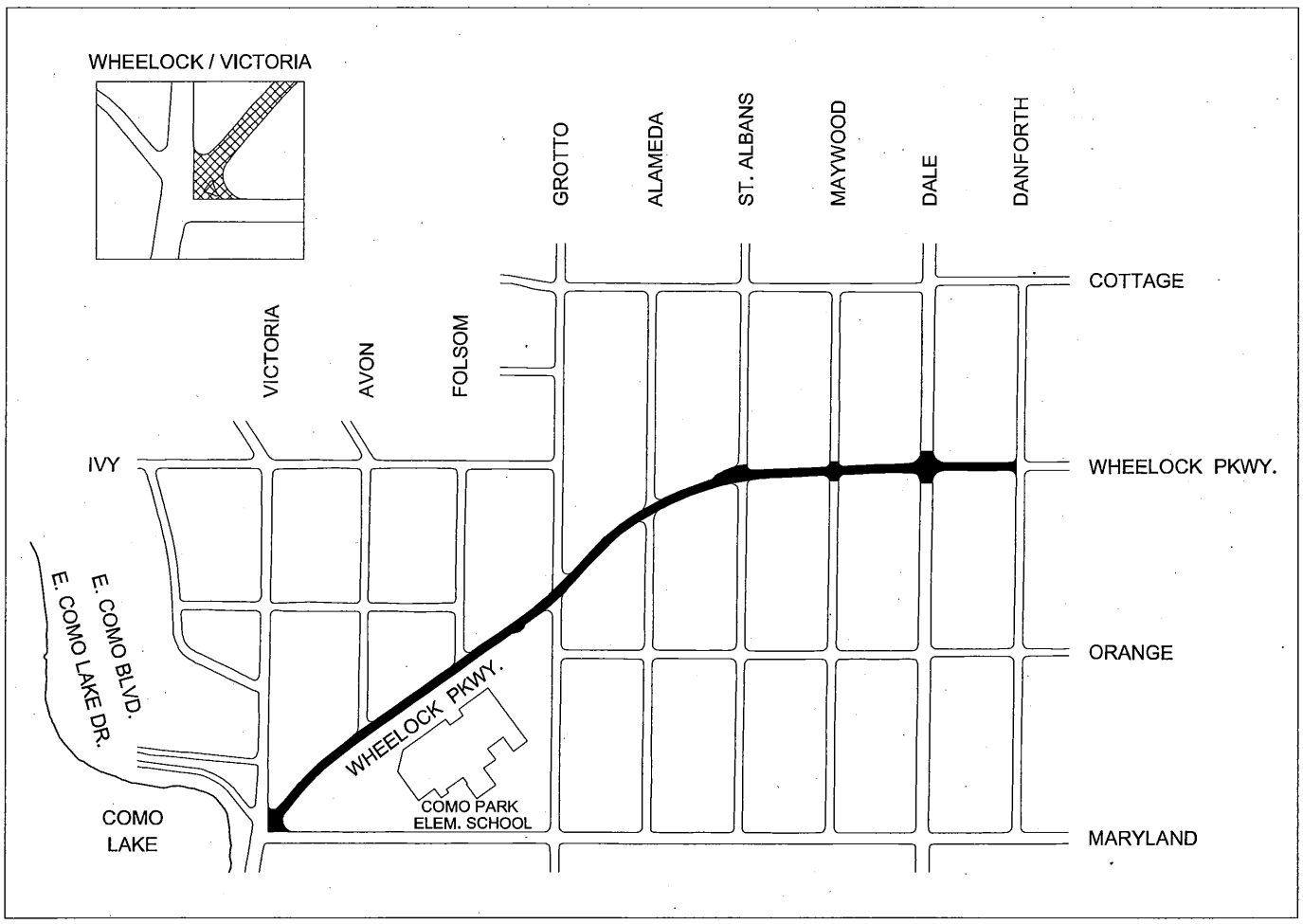
SOURCE OF ADDITIONAL INFORMATION
For additional information, contact Jesse Farrell at 266-6155.

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



NORTH

2017

WHEELOCK PARKWAY RECONSTRUCTION

CONSTRUCTION IN 2017

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

DESIGNED	CX	PREPARED BY STREET ENGINEERING DIVISION FOR THE CITY OF ST. PAUL, DEPARTMENT OF PUBLIC WORKS		PROJECT:	17-P-1432
DRAWN	CX	WHEELOCK PARKWAY		STATE AID PROJECT NUMBER:	NA
APPROVED	JPF			DATE:	2/27/2017

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