

SUMMARY OF ENGINEERING RECOMMENDATIONS
2018 Saint Paul Streets Project

Report Prepared – 3/6/18 (Revised)
Public Hearing – 4/18/18

PROGRAM

The project seeks to improve **Como Avenue from Commonwealth Avenue to Brompton Street** by reconstructing the pavement and improving the existing bicycle and pedestrian facilities.

Improvements to be made as part of the project include constructing new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons, bituminous path and boulevards landscaped with sod and trees. Damaged sidewalks will be replaced as necessary and will improve public safety by eliminating tripping hazards and pooling water. 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

Como Avenue was originally paved in 1921. It was last paved in 1960.

The existing street width on Como between Commonwealth and Brompton is 46'. 5' wide bike lanes were painted in 2008. With the new bike lanes, the parking lanes were reduced to only 7' wide.

The street lighting on Como Avenue is davit arms on wood poles.

PROPOSED IMPROVEMENTS

It is proposed to improve Como Avenue between Commonwealth Avenue and Brompton with the construction on 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. No curbs or gutters will be added where none currently exist. Rather, existing curbs and gutters will be reconstructed.

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.

The project includes new traffic signal systems at the intersections of Como and

Raymond and Como and Commonwealth.

There is great neighborhood desire to maintain parking on both sides of this business corridor. In order to maintain parking and to meet Municipal State Aid (MSA) standards, the proposed street width would need to be 48' wide. This section would be 11' vehicle lanes, 5' bike lanes and 8' parking on both sides. We are proposing to build a 48' wide roadway on Como between Commonwealth and Doswell. Como would widen to 50' between Doswell and Brompton to accommodate a 6' bike lane in each direction. This widening will have a substantial public safety function, and will improve public safety by allocating more space for parking and bike lanes. _____.

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 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 bicyclists, pedestrians and other modes of traffic.

POSITIVE BENEFITS

General improvement of the public right-of-way will enhance and add quality to the neighborhood. The plan is in keeping with the City's Complete Streets Initiative and District 12 Small Area Plan, relevant sections of which have been incorporated into the City's Comprehensive Plan. The newly rebuilt roadway will improve drivability of the neighborhood. Lantern style street lighting will enhance neighborhood safety and esthetics. By banning parking on one side, there will be more room for safer bike lanes and greener boulevards.

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

Ash trees and stumps will be removed. 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 summer of 2018 and will be completed by the fall of 2018.

COST ESTIMATE

Construction	\$ 6,080,000
Engineering	<u>\$ 1,520,000</u>
PROJECT TOTAL	\$ 7,600,000

ESTIMATED FINANCING

Saint Paul Regional Water Services (SPRWS)	\$ 750,000
Major Sewer Repairs	\$ 850,000
SRB (Street Reconstruction Bonds)	<u>\$ 6,000,000</u>
PROJECT TOTAL	\$ 7,600,000

The 2018 assessment rate for arterial street paving is \$114.83 total per ASSESSABLE FOOT.

The 2018 assessment rate for street lighting is \$23.17 total per ASSESSABLE FOOT.

The 2018 assessment rate for above standard street lighting is \$13.82 per ASSESSABLE FOOT. Above standard street lighting will be installed in the business district on Como between the south property line of 2245 Como (St. Anthony Library) and Luther Place.

The yearly Operations and Maintenance (O&M) cost for above standard lighting is estimated to be \$3.00 per ASSESSABLE FOOT.

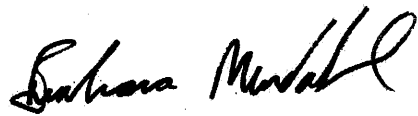
SOURCE OF ADDITIONAL INFORMATION

For additional information, contact the Project Engineer, Barb Mundahl, at 266-6112.

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.

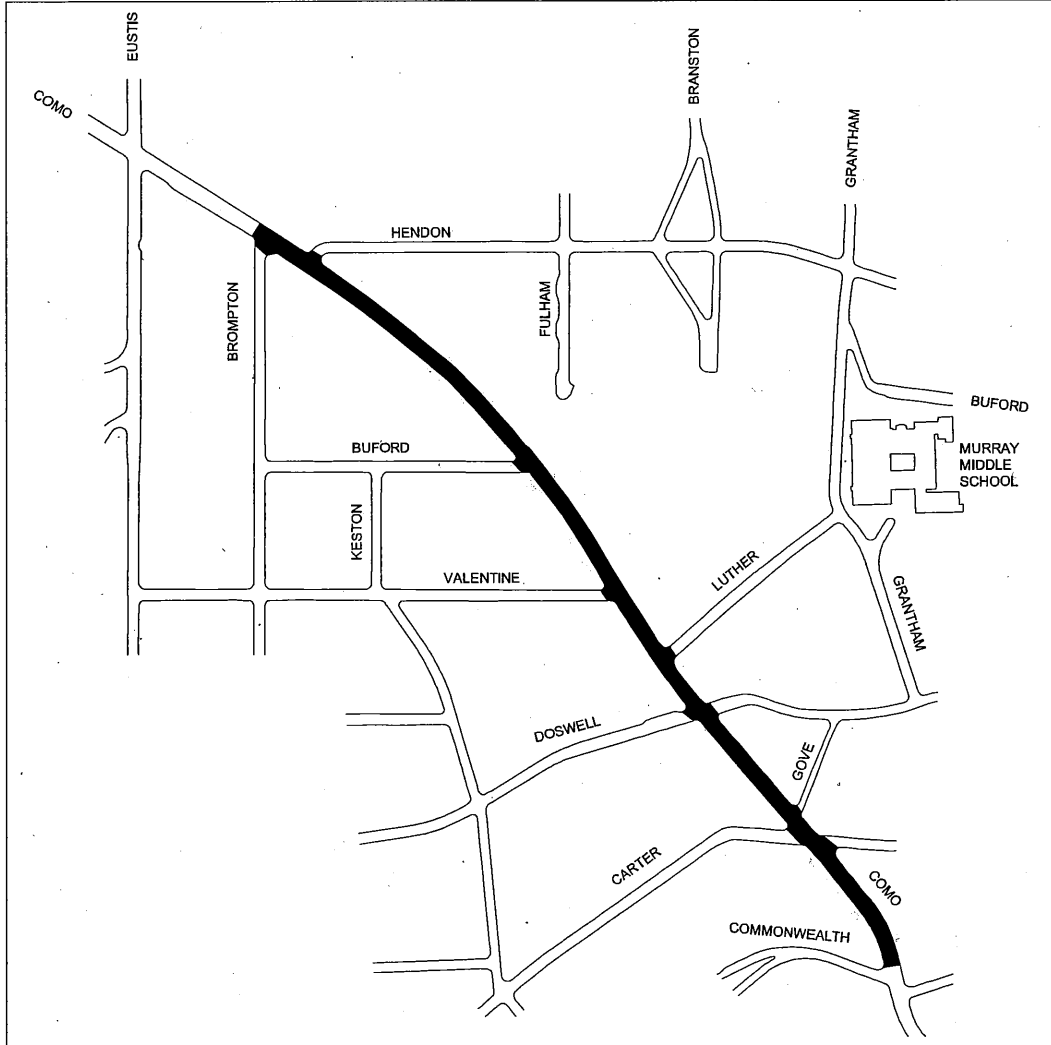
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Barbara Mundahl". The signature is fluid and cursive, with a large, stylized initial 'B'.

Barbara Mundahl
Public Works



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



2018

COMO AVENUE RECONSTRUCTION

CONSTRUCTION IN 2018

L = 2967 ft.
 W = 40-52 ft.
 PROJECT MAP

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DESIGNED	CX
DRAWN	CE
APPROVED	BRM

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

COMO AVENUE

PROJECT: 18-P-8172

STATE AID XXX-XXX-XXX
 PROJECT NUMBER:

DATE: 10/12/2018

