

SUMMARY OF ENGINEERING RECOMMENDATIONS
Battle Creek Road: Upper Afton Road to Park Ridge Court

Report Prepared 2-27-2017
Public Hearing 4-19-2017

PROJECT

This project is to improve Battle Creek Road from Upper Afton Road to Park Ridge Court. See the attached project area map.

Improvements to be made as part of the project include constructing new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons and outwalks, and boulevards landscaped with sod and trees. The existing wood pole lights will be replaced with a new lantern style street lighting system. In addition, appropriate storm and sanitary sewer main repairs will be made, lead water services in the right of way will be replaced, and sanitary sewer service repairs will be made at the request of property owners.

EXISTING CONDITIONS

Battle Creek was last constructed in 1926. Numerous repairs and overlays have occurred since then.

The current Pavement Condition Index (PCI) ranges from 10 to 43 (on a scale of 100).

Battle Creek Road is generally 34' wide. The area has existing street lights mounted on wood poles.

PROPOSED IMPROVEMENTS

It is proposed to improve Battle Creek 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. 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 and services will be replaced where necessary.

The roadway will be 32' wide with a 5' concrete sidewalk on one side.

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

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 improving pedestrian accessibility.

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 will improve 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 summer of 2017 and will be completed by the fall of 2017.

COST ESTIMATE

Construction	\$ 1,762,500
Engineering	\$ <u>587,500</u>

PROJECT TOTAL \$ 2,350,000

ESTIMATED FINANCING

Municipal State Aid (MSA)	\$ 1,861,177
Assessments	\$ 338,823
SPRWS	\$ <u>150,000</u>

PROJECT TOTAL \$ 2,350,000

The 2017 assessment rate is expected to be \$102.08 for paving and \$18.07 for street lighting per assessable foot. The rate for paving includes sidewalk.

SOURCE OF ADDITIONAL INFORMATION

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

SUMMARY AND RECOMMENDATION

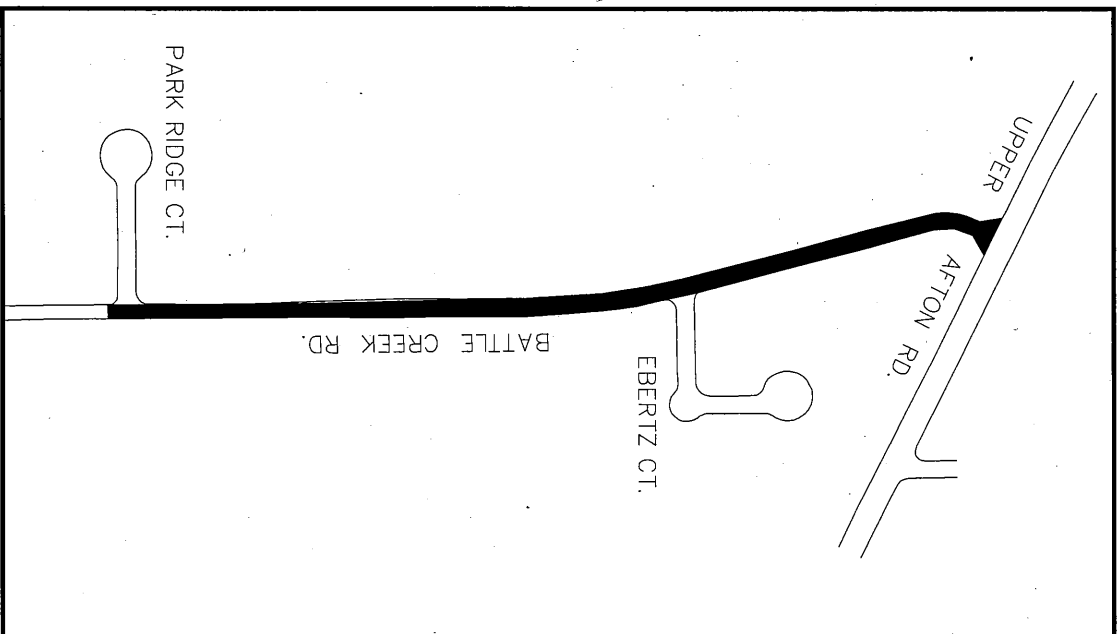
The Department of Public Works feels that this is a necessary and worthwhile project, and the Engineering Recommendation is for approval of the project.

Respectfully submitted,

Jesse Farrell
Public Works



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



2017

BATTLE CREEK ROAD RECONSTRUCTION

CONSTRUCTION IN 2017

L = 1700 ft.
 W = 28-32 ft.
 PROJECT MAP



DESIGNED	CX
DRAWN	CX
APPROVED	JPF

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

BATTLE CREEK ROAD

PROJECT:	17-P-1424
STATE AID	XXX-XXX-XXX
PROJECT NUMBER:	
DATE:	10/25/2016

