

**SUMMARY OF ENGINEERING RECOMMENDATIONS  
2018 Saint Paul Streets Project**

Report Prepared 3-6-2018 (Revised)  
Public Hearing 4-18-2018

**PROGRAM**

This project will improve the area referred to as the **Woodlawn-Jefferson Saint Paul Streets Program (SPS)** project. 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, 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**

The existing street widths vary. Jefferson Avenue and Woodlawn Avenue are 32' wide. Mount Curve Boulevard is 36' wide.

Woodlawn was last paved in 1973 and has a Pavement Condition Index (PCI) of 61 out of 100. Jefferson and Mount Curve are oiled streets with a (PCI) of 63 and 57 respectively. "Share the Road" pavement markings were installed on Jefferson in 2014. Streets in the project area have wood pole street lighting.

**PROPOSED IMPROVEMENTS**

It is proposed to improve the following streets with the construction of new bituminous surfaced streets with concrete curb and gutter, concrete driveway aprons and outwalks, and boulevards landscaped with sod and trees. Concrete barrier curb and gutter will be added or replaced as necessary to substantially improve public safety by facilitating drainage, safe vehicular passage and separation of vehicles from pedestrians. Mainline sidewalk will be reconstructed as necessary. 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. The street lighting system will be updated to the standard City of Saint Paul ornamental lanterns. Share the Road pavement markings will be re-installed on Jefferson.

**WOODLAWN-JEFFERSON Proposed Street Widths:**

Jefferson Avenue between Mississippi River Blvd and Cretin – 32' wide  
Woodlawn Avenue between Randolph and Jefferson – 32' wide  
Mount Curve Blvd. between Randolph and Jefferson – 36' wide

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.

Saint Paul Regional Water Services has requested that Public Works include one block of Montrose between Randolph and Hartford in order to replace the failing watermain. Montrose was paved in 1996. The watermain was not replaced at that time. Work on Montrose will be watermain and street restoration only. The property owners on Montrose will not be assessed for this work as they were already assessed for paving in 1996.

### **ALTERNATES**

To do nothing would be inconsistent with the City's commitment to improve existing streets, whether they are oiled or older paved.

### **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.

### **ADVERSE EFFECTS**

Normal problems 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**

Ash trees have already been removed in this area as part of the Parks and Recreation Structured Removal program. New trees will be planted as part of the boulevard restoration, following the City's master tree planting plan.

### **TIME SCHEDULE**

The project will begin construction in the summer of 2018 and be completed by the fall of 2018. There will be further restrictions on the amount of time work is done on individual segments of streets.

**COST ESTIMATE**

Construction	\$ 4,320,000
Engineering	\$ 1,080,000
<b>TOTAL</b>	<b>\$ 5,400,000</b>

**ESTIMATED FINANCING**

Street Reconstruction Bonds	\$ 4,100,000
SPRWS	\$ 750,000
Major Sewer Repairs	\$ 550,000
<b>TOTAL</b>	<b>\$ 5,400,000</b>

The 2018 SPS assessment rate for residential asphalt street paving is \$110.45 per assessable foot.

The 2018 SPS assessment rate for street lighting is \$19.55 per assessable foot.

**SOURCE OF ADDITIONAL INFORMATION**

For additional information, contact Project Engineer Barb Mundahl, 651-266-6112.

**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.

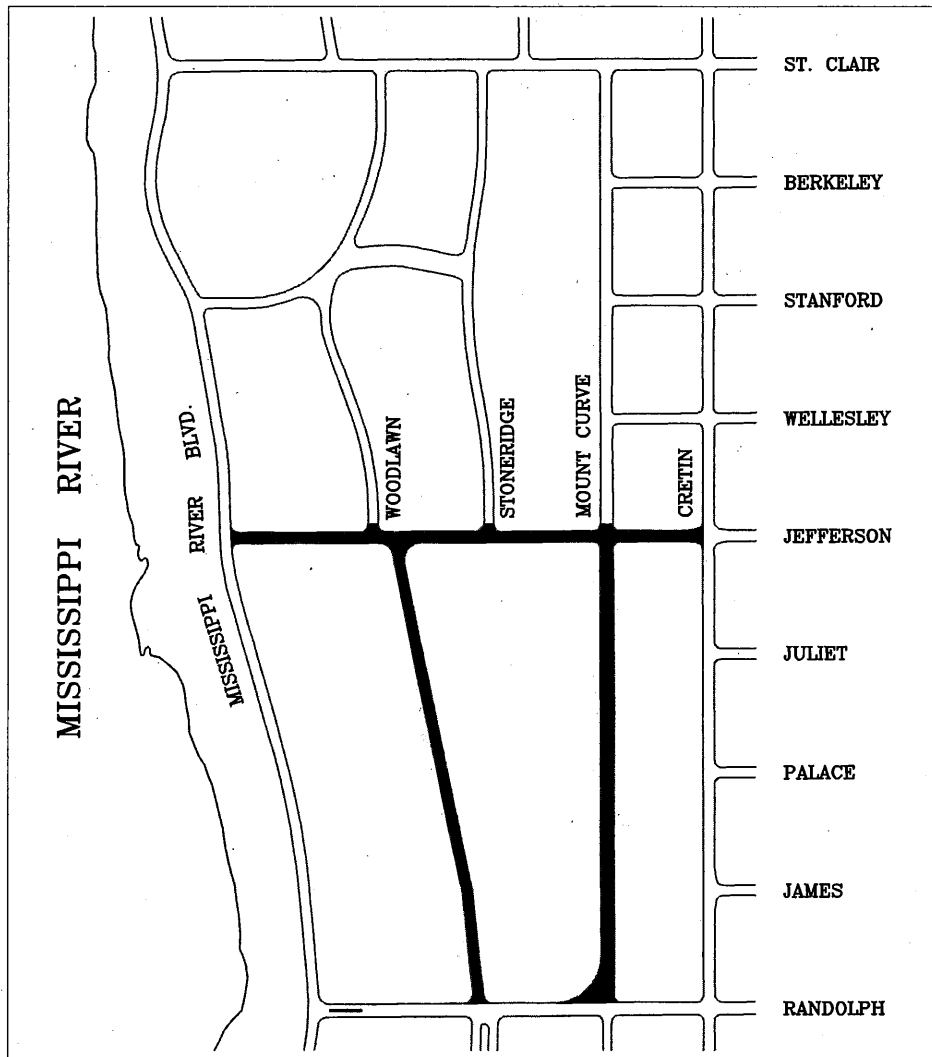
Respectfully submitted,



Barb Mundahl  
Public Works



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



2018

WOODLAWN/JEFFERSON SPVP

CONSTRUCTION IN 2018

L = 4070 ft.  
 W = 28-32 ft.  
 PROJECT MAP

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DESIGNED	CX
DRAWN	CX
APPROVED	DAH

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

WOODLAWN/JEFFERSON

PROJECT:	18-P-XXXX
STATE AID	XXX-XXX-XXX
PROJECT NUMBER:	
DATE:	4/28/2016

