

SUMMARY OF ENGINEERING RECOMMENDATIONS **2022 Saint Paul Streets Project**

Report Prepared – 2/22/2022

Public Hearing – 4/13/2022

PROGRAM

The project seeks to improve **Edgcumbe Road from Saint Paul Avenue to Hampshire Avenue** by reconstructing the pavement and adding and improving 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 and boulevards landscaped with sod and trees. Damaged sidewalks will be replaced as necessary. The existing streetlights will be replaced with lantern style lights as part of the project. In addition, new watermain will be installed, appropriate sanitary sewer repairs will be made, and storm and sanitary sewer reconnections will be made at the request of property owners.

EXISTING CONDITIONS

Edgcumbe Road was last paved in the 1990s. The average Pavement Condition Index (PCI) is 20 out of 100, with some segments as low as 9. The existing street width on Edgcumbe is 46', accommodating 2 wide travel lanes and 8' shoulders. Edgcumbe is currently posted as no parking throughout the project. The street lighting on Edgcumbe Road is davit arms on wood poles

PROPOSED IMPROVEMENTS

Improvements to Edgcumbe Road between Saint Paul Avenue and Hampshire include 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. New mainline sidewalk will be constructed on the west side of the roadway.

The proposed street width for Edgcumbe Road is 36' between Hampshire and Sunny Slope. The proposed width for Edgcumbe between Sunny Slope and Saint Paul Avenue varies based on median width and need for turn lanes at the St. Paul Avenue intersection. The 36' width can accommodate 11' travel lanes and 7' bike lanes.

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 a new traffic signal system at the intersection of Edgumbe and Saint Paul Avenue.

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. Lantern style street lighting will enhance neighborhood safety and aesthetics. The proposal is in keeping with the City's Complete Streets Initiative, the Saint Paul Bicycle Plan and the Highland District Council Neighborhood Plan.

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 have previously been removed. Some boulevard trees will be impacted by this construction. 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 2022 and will be completed by the fall of 2022.

COST ESTIMATE

Construction	\$ 6,603,224
Engineering	<u>\$ 1,650,805</u>
PROJECT TOTAL	\$ 8,254,029

ESTIMATED FINANCING

Saint Paul Regional Water Services (SPRWS)	\$ 1,078,236
Major Sewer Repairs	\$ 250,793
SPS Signals	\$ 187,500
Ramsey County	\$ 187,500
SRB (Street Reconstruction Bonds)	<u>\$ 6,550,000</u>
PROJECT TOTAL	\$ 8,254,029

See attached assessment role for information regarding the 2022 assessment rates.

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.

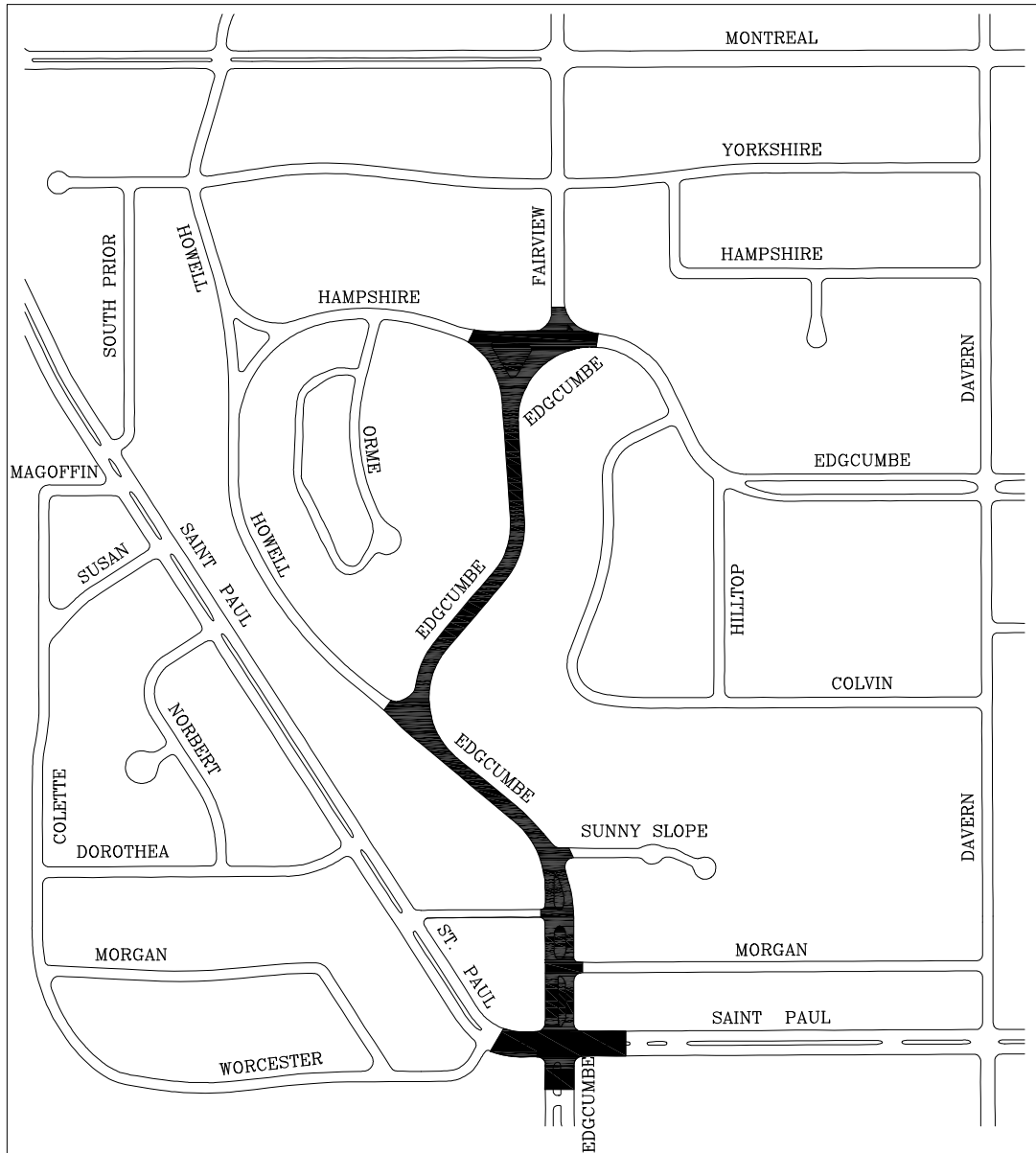
Respectfully submitted,



Barbara Mundahl
Public Works



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



2022

EDGCUMBE ROAD RECONSTRUCTION

CONSTRUCTION IN 2020

MSA Route 132
 L = 2700 ft.
 W = 44-88 ft.
 PROJECT MAP

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DESIGNED	CBH
DRAWN	CBH
APPROVED	BRM

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

EDGCUMBE ROAD

PROJECT:	22-P-8179
STATE AID	164-132-032
PROJECT NUMBER:	
DATE:	9/15/2021

