

FINANCIAL MANAGEMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**SUBJECT: 2020 JULY ENGINEERING CAPITAL TRANSPORTATION
INFRASTRUCTURE BYLAW FUNDING REQUEST**

RECOMMENDATION:

1. THAT Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$800,000 to finance Engineering capital infrastructure improvement projects, as outlined in the report.

REPORT

The Financial Management Committee, at its meeting held on 2020 July 07, received and adopted the attached report seeking Council authorization for the use of a Capital Reserve Fund Bylaw to finance 2020-2024 Engineering capital transportation infrastructure projects.

Respectfully submitted,

Mayor M. Hurley
Chair

Councillor S. Dhaliwal
Vice Chair

Copied to: City Manager Director Engineering Director Corporate Services Director Finance Assistant Director Engineering, Transportation Services City Solicitor Manager, Engineering Projects
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TO: CHAIR AND MEMBERS FINANCIAL MANAGEMENT COMMITTEE **DATE:** 2020 June 23

FROM: DIRECTOR ENGINEERING **FILE:** 32000-05

SUBJECT: 2020 JULY ENGINEERING CAPITAL TRANSPORTATION INFRASTRUCTURE BYLAW FUNDING REQUEST

PURPOSE: To request a Capital Reserve Fund Bylaw to finance 2020 - 2024 Engineering capital transportation infrastructure projects.

RECOMMENDATION:

1. **THAT** the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$800,000 to finance Engineering capital transportation infrastructure improvement projects, as outlined in this report.

REPORT**INTRODUCTION**

The 2020 – 2024 Financial Plan provides funding for various multi-year capital improvement projects. In order to proceed with design, contract administration and construction, funding approval is requested for the projects listed below.

POLICY SECTION

The following projects are aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goals and sub-goals of the Plan.

Goal

- A Safe Community
 - Transportation safety –
Make City streets, pathways, trails and sidewalks safer.

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- A Dynamic Community
 - City Facilities and infrastructure –
Build and maintain infrastructure that meets the needs of our growing community.
- A Thriving Organization
 - Reliable services, technology and information –
Protect the integrity and security of City information, services and assets.

1.0 Transportation

This program funds several major traffic management projects to address safety concerns. The projects are all in response to public complaints raised in the past.

Construction for the scope of this project was initially planned to commence in 2021, however staff have recognized an opportunistic timing window to accelerate some components of the portfolio ahead of schedule and complete construction in 2020.

In order to facilitate this funding request, the capital plan associated with the Sidewalks project was reallocated from 2020 to 2021 due to the delays caused by the public consultation phase of the project and the capital plan associated with the Major Traffic Management Project was brought forward from 2021 to 2020.

1.1 Major Traffic Management Projects 2020 – Package I Estimated \$500,000

Project scope for this package includes modifications to Victory Street traffic circles and installation of a pedestrian signal at Moscrop Street / Barker Avenue.

Two traffic circles along Victory Street at Waverley Avenue and Frederick Avenue will be installed as approved by Council to calm traffic along this designated bike route. An Engineering report was approved by the Traffic Safety Committee on 2019 June 05 and by Council on 2019 June 10, recommending the installation of the traffic circles. These were recommended to enhance safety given that some motorists and most cyclists were not coming to a complete stop at the existing stop signs. Also, traffic circles have been found to be a safe alternative to 4-way stop signs, and Fire Department access will not be affected due to the use of mountable curbs. The satisfactory performance is demonstrated by the existing nearby traffic circle at the intersection of Victory Street and McKay Avenue.

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The installation of a pedestrian signal at Moscrop Street / Barker Avenue will help address safety and congestion concerns at the existing crosswalk adjacent to Moscrop Secondary School.

Construction for this project is ready to commence as soon as funding is available. Construction is expected to be completed in 2020.

Project Mask(s)	2020
EMF.0091	\$500,000

1.2 Major Traffic Management Projects 2020 – Package II Estimated \$300,000

Project scope for this package will include modifications to the intersection of Beaverbrook Drive and Beaverbrook Crescent, installation of a traffic signal at Imperial Street / Gilley Avenue, traffic calming along Elwell Street adjacent to Edmonds Park, and the design of a roundabout at Broadway / Duthie Avenue.

Modifications at Beaverbrook will better define and channelize traffic flow and increase pedestrian comfort at this existing signalized intersection. The new traffic signal at Imperial Street / Gilley Avenue will replace the existing 4-way stop control to better accommodate vehicular and pedestrian traffic. Traffic calming along Elwell Street will include traffic circles and curb bulges to slow down vehicles along the Playground Zone. A roundabout design will be prepared in 2020 to replace the existing 3-way stop at Broadway / Duthie Avenue to better accommodate increasing traffic volumes in anticipation of construction in 2021.

Early funding is being requested to facilitate the award for design planned to begin in the fall of 2020 and construction to begin in the spring of 2021.

Project Mask(s)	2020	2021	Total
EMF.3212	\$50,000	\$250,000	\$300,000

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RECOMMENDATION

It is recommended that the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$800,000 as outlined in this report.



Leon A. Gous, P.Eng., MBA
DIRECTOR ENGINEERING

JM/RS/ac

Copied to: City Manager
Director Finance
City Solicitor
Assistant Director Engineering, Transportation Services
Manager, Engineering Projects