

COMMITTEE REPORT

TO: CHAIR AND MEMBERS FINANCIAL MANAGEMENT COMMITTEE **DATE:** 2021 January 07

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

SUBJECT: 2021 JANUARY ENGINEERING CAPITAL TRANSPORTATION BYLAW FUNDING REQUEST

PURPOSE: To request a Capital Reserve Fund Bylaw to finance 2021 Engineering capital transportation 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 \$1,454,100 to finance Engineering capital transportation improvement projects, as outlined in this report.

REPORT**INTRODUCTION**

The 2021 - 2025 Provisional Financial Plan will provide funding for various multi-year capital improvement projects. Upon approval of this funding request by Council, these expenditures will be included in the 2021 - 2025 Provisional Financial Plan (Engineering Section). In order to proceed with the award of contracts for design, contract administration and construction, funding approval is requested for the projects listed below. This report is to seek Council approval of fund allocation for Engineering projects in advance of Council adoption of the 2021 - 2025 Provisional Financial Plan.

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.

To: Chair and Members Financial Management Committee
From: Director Engineering
Re: 2021 JANUARY ENGINEERING CAPITAL
TRANSPORTATION BYLAW FUNDING REQUEST
2021 January 07..... Page 2

- 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. Transportation

1.0 Traffic Management Centre EMF.0095 Estimated \$200,000

This project creates a Traffic Management Centre to collect and assess traffic data, monitor traffic conditions in real time, improve response time to incidents, allow remote adjustments of signal timings and manage construction activities. Tools, equipment, components, and resources for the Traffic Management Centre are being implemented gradually. Additional remote cameras will be implemented and permanent traffic data collection stations will be setup for speed, volume measurement and vehicle size classifications.

Project Mask	2021
EMF.0095	\$200,000

1.1 Bus Shelter Program EMF.0096 Estimated \$100,000

This program continues the installation of new or the replacement of older bus shelters throughout Burnaby. New bus shelter installations improve amenities for transit users, increase revenues with their advertising panels, and increase operating/maintenance costs. 10 new shelters are anticipated to be purchased and installed at priority locations.

Project Mask	2021
EMF.0096	\$100,000

To: Chair and Members Financial Management Committee
 From: Director Engineering
 Re: 2021 JANUARY ENGINEERING CAPITAL
 TRANSPORTATION BYLAW FUNDING REQUEST
 2021 January 07..... Page 3

1.2 Safety Improvements **EMF.0094** **Estimated \$100,000**

This project will add left turn lanes at the 10th Avenue and Canada Way intersection along all four legs to improve traffic safety. Design will commence in 2021 and some land acquisition will be required to perform the work. Funding is being requested for design only and additional funding approval will be submitted in the future for construction. This project is also expected to receive funding contributions from TransLink, ICBC and the City of New Westminster.

Project Mask	2021
EMF.0094	\$100,000

1.3 Minor Traffic Management Projects **EMF.0093** **Estimated \$400,000**

This program funds a variety of minor traffic management projects to enhance safety or traffic operations. Projects include traffic calming devices such as medians, curb bulges and flashing beacons at crosswalks. Proposed projects include traffic calming measures along Elwell Street, Southpoint Drive and Beresford Street. Funding contributions are expected from ICBC.

Project Mask	2021
EMF.0093	\$400,000

1.4 Streetlight Pole Replacement **Estimated \$654,100**

This program replaces streetlight poles along the Major Road Network (MRN) and Local Road Network (LRN) that are beyond their useful life or damaged. This program ensures the poles are structurally sound and may include the replacement of pole bases if required. Identifying and replacing aging street light poles will mitigate the risk to the general public and also allow for the opportunity to update existing inventory to contain the latest attributes for future tracking purposes.

Project Mask	2021
EMB.3199 - MRN	\$93,800
EMH.3199 - LRN	\$560,300
TOTAL	\$654,100

These expenditures will be included in the 2021 - 2025 Provisional Financial Plan and sufficient Capital Reserve Funds are available to finance the capital transportation improvement projects outlined in this report.

To: Chair and Members Financial Management Committee
From: Director Engineering
Re: 2021 JANUARY ENGINEERING CAPITAL
TRANSPORTATION BYLAW FUNDING REQUEST
2021 January 07..... Page 4

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 \$1,454,100 to finance Engineering capital transportation improvement projects, as outlined in this report.



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

AA/RS/ac

Copied to: City Manager
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City Solicitor
Assistant Director, Transportation