

**FINANCIAL MANAGEMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: 2019 ENGINEERING CAPITAL TRANSPORTATION BYLAW FUNDING  
REQUEST**

**RECOMMENDATION:**

1. THAT Council authorize the City Solicitor to bring forward a Capital Reserves Fund Bylaw in the amount of \$1,375,000 to finance Engineering capital transportation improvement projects, as outlined in this report.

**REPORT**

The Financial Management Committee, at its meeting held on 2019 February 19, received and adopted the *attached* report requesting a Capital Reserve Fund Bylaw to finance 2019 Engineering capital transportation projects.

Respectfully submitted,

Mayor M. Hurley  
Chair

Councillor S. Dhaliwal  
Vice Chair

Copied to:	City Manager Director Engineering Director Finance City Solicitor Assistant Director, Traffic
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Item .....
Meeting .....2019 Feb 19

**COMMITTEE REPORT**

**TO:** CHAIR AND MEMBERS FINANCIAL MANAGEMENT COMMITTEE      **DATE:** 2019 Feb 08

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

**SUBJECT:** 2019 ENGINEERING CAPITAL TRANSPORTATION BYLAW FUNDING REQUEST

**PURPOSE:** To request a Capital Reserve Fund Bylaw to finance 2019 Engineering capital Transportation projects.

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**RECOMMENDATION:**

1. **THAT** the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserves Fund Bylaw in the amount of \$1,375,000 to finance Engineering capital Transportation improvement projects, as outlined in this report.

**REPORT**

**INTRODUCTION**

The 2019 – 2023 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 2019 – 2023 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 2019 Engineering projects in advance of council adoption of the 2019 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: 2019 ENGINEERING CAPITAL TRANSPORTATION BYLAW  
FUNDING REQUEST

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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

### 1.1 Bus Shelter Program EMF.0081 estimated \$200,000

This program continues the installation of new or replacement of older bus shelters throughout Burnaby. Installations improve amenities for transit users, increase revenues through their advertising panels, and increase operating/maintenance costs. This project is anticipated to be completed in 2019 with 6 new bus shelter installations.

### 1.2 Parking Meter Equipment EMG.0010 estimated \$175,000

This program funds new or replacement parking meter equipment as required. New installations would generally occur in high demand locations within the Council approved parking meter areas. In 2019 the use of multi-space pay stations and/or new single space parking meters will be explored. Replacements would occur where meters are damaged or stolen. This project is anticipated to be completed in 2019 with about 150 parking meter spaces impacted.

### 1.3 Traffic Management Centre EMF.0077 estimated \$300,000

This project will initiate the creation of a Traffic Management Centre for Burnaby. This would allow staff to comprehensively collect and assess traffic data, monitor traffic conditions in real-time, improve response time to incidents, proactively adjust signal timings where required, and provide traffic information to the public. The initial steps would be to undertake a review of best practices and implement a centralized traffic monitoring centre. This project is anticipated to be completed in 2019.

### 1.4 Traffic Camera Replacement EMF.0082 estimated \$150,000

This program funds the ongoing replacement of aging traffic signal cameras that become less reliable. They are used to detect vehicles stopped at signalized intersections and to trigger the appropriate traffic signal control changes. Locations are determined primarily on the age of the equipment. This project is anticipated to be completed in 2019 with 12 new camera installations at 3 intersections.

**1.5 Streetlight Pole Replacement/ Local Road Network                      EMH.0024                      estimated \$150,000**

This program replaces streetlight poles along the 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. This project is anticipated to be completed in 2019 with 20 new streetlight pole installations.

**1.6 Streetlight Pole Replacement/ Major Road Network                      EMB.0009                      estimated \$100,000**

This program replaces streetlight poles along the Major Road Network (MRN) 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. This project is anticipated to be completed in 2019 with 12 new streetlight pole installations.

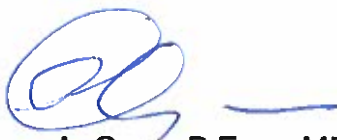
**1.7 Streetlight Service Panels                      EMH.0021                      estimated \$300,000**

Many streetlight service panels require replacement due to age and exposure to maintain a safe and reliable streetlight system. None had been replaced for many years until work began in 2018 to replace service panels. This work will continue into 2019 for the replacement program for this asset. This project is anticipated to be completed in 2019 with 40 new service panel installations.

These expenditures will be included in the 2019-2023 Financial Plan and sufficient Capital Reserve Funds are available to finance the capital projects outlined in this report.

**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 \$1,375,000 to finance the Engineering capital Transportation improvement projects as outlined in this report.



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

FV/ac

Copied to: City Manager  
Director Finance  
City Solicitor  
Assistant Director, Traffic