

**FINANCIAL MANAGEMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: 2018 APRIL ENGINEERING CAPITAL INFRASTRUCTURE BYLAW  
FUNDING REQUEST – INFRASTRUCTURE**

**RECOMMENDATION:**

1. THAT Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$1,960,000, and the use of Water Reserves in the amount of \$75,000 to finance the Engineering capital infrastructure projects, as outlined in this report.

**REPORT**

The Financial Management Committee, at its meeting held on 2018 April 17, received and adopted the attached report seeking Council funding approval to finance 2018 and 2019 Engineering capital infrastructure projects (BC Hydro Metro North Transmission – Coordination; Kensington & Barnet Road Rehabilitation; Production Storm Detention; and South and Central Burnaby Road Rehabilitation). The Bylaw appears elsewhere on this Council agenda.

Respectfully submitted,

Councillor D. Johnston  
Chair

Councillor C. Jordan  
Vice Chair

Copied to:	City Manager Director Engineering Director Finance City Solicitor Deputy Director Engineering Manager, Public Works Assistant Director, Infrastructure & Development
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**TO:** CHAIR AND MEMBERS FINANCIAL MANAGEMENT COMMITTEE **DATE:** 2018 April 09

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

**SUBJECT:** 2018 APRIL ENGINEERING CAPITAL INFRASTRUCTURE BYLAW FUNDING REQUEST - INFRASTRUCTURE

**PURPOSE:** To request funding to finance 2018 and 2019 Engineering capital infrastructure projects.

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**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 \$1,960,000, and the use of Water Reserves in the amount of \$75,000 to finance the Engineering capital infrastructure projects as outlined in this report.

**REPORT****INTRODUCTION**

The 2018 – 2022 Annual Financial Plan will provide funding for various multi-year capital improvement projects. In order to proceed with the award of contracts for design, administration and construction, funding approval is requested for the projects listed below.

**POLICY SECTION**

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

- A Connected Community – these projects provide a geographic connection to ensure that people can move easily through Burnaby, using any form of transportation.
- A Dynamic Community – Build and maintain infrastructure that meets the needs of our growing community.
- A Thriving Organization – Protect the integrity and security of information, City Services, and Assets.

The following project also supports a component of A Safe Community – Make City streets, pathways, trails and sidewalks safer:

- BC Hydro Metro North Transmission - Coordination

## 1.0 **INFRASTRUCTURE**

### 1.1 **BC Hydro Metro North Transmission - Coordination** **Estimated \$225,000**

Funding is required for this project in order to provide design funding to enable coordinated works with the BC Hydro Metro North Transmission (MNT) project. Engineering will hire design consultants to utilize Hydro base drawings to design Burnaby works, and prepare supporting information to include in a future BC Hydro construction tender. Anticipated expenditures are as follows:

<b>Project Mask</b>	<b>2018</b>
EMC.3142 Road LRN	150,000
EJA.3142 Water	75,000
<b>Total</b>	<b>\$225,000</b>

### 1.2 **Kensington & Barnet Road Rehabilitation** **EMA.3145** **Estimated \$400,000**

This project involves roadworks on Kensington Avenue, north of Sprott, and Barnet Road, east of North Cariboo Road. The work on Kensington includes pavement rehabilitation, watermain replacement, installation of a mid-block crossing with stairs to Bill Copland Sports Centre, and construction of a multi-use path to complete the network. The work on Barnet Road is mainly focused on pavement rehabilitation. Anticipated expenditures are as follows:

<b>Project Mask</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
EMA.3145 Road MRN	200,000	200,000	400,000

### 1.3 **Production Storm Detention** **ELA.3148** **Estimated \$75,000**

A drainage analysis revealed capacity concerns in the major storm sewers along Production Way, south of Broadway. This is a feasibility study for construction of a detention pond north of the inlet to reduce the peak rate of runoff flowing into the downstream storm sewers. Considerations for feasibility of the detention pond include constructability, environmental impact or environmental enhancement opportunities, and value for money. Planned expenditures are anticipated to be in 2018.

### 1.4 **South and Central Burnaby Road Rehabilitation** **Estimated \$1,335,000**

The Local Road Network (LRN) Rehabilitation Program is part of the City's ongoing infrastructure renewal strategy to sustainably maintain local streets. Project locations are determined based on pavement condition information provided by the City's Pavement Management System and input from Operations. This is the second year of this project and the last package which includes Interim Street Standard upgrades is currently out for tender. Anticipated expenditures are as follows:

<b>Project Mask</b>	<b>2018</b>
EMC.3002 Roads LRN	1,290,000
EMF.3002 Signals & Crosswalks	45,000
<b>Total</b>	<b>\$1,335,000</b>

To: Chair and Members Financial Management Committee  
From: Director Engineering  
Re: 2018 APRIL ENGINEERING CAPITAL INFRASTRUCTURE  
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These expenditures will be included in the 2018 – 2022 Annual Financial Plan and sufficient Reserves 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 \$1,960,000, and the use of Water Works Reserves in the amount of \$75,000 to finance the Engineering capital infrastructure as outlined in this report.



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

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Copied to: City Manager  
Director Finance  
City Solicitor  
Deputy Director, Engineering  
Manager, Public Works  
Assistant Director, Infrastructure and Development