

**FINANCIAL MANAGEMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: 2018 JUNE ENGINEERING CAPITAL INFRASTRUCTURE BYLAW  
FUNDING REQUEST**

**RECOMMENDATIONS:**

1. THAT Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$2,775,000 to finance the Development Coordinated Works capital infrastructure project, as outlined in this report.
2. THAT Council authorize the use of Water Works Reserves in the amount of \$100,000 to finance the Pressure Reducing Valve Station Replacement capital infrastructure project, as outlined in this report.
3. THAT Council authorize the use of Sanitary Sewer Reserves in the amount of \$150,000 to finance the Development Coordinated Works capital infrastructure project, as outlined in this report.

**REPORT**

The Financial Management Committee, at its meeting held on 2018 June 13, received and adopted the attached report seeking Council approval to finance 2018 Engineering capital infrastructure projects. 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 Project Managers – M. Phang & L. Huang
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**TO:** CHAIR AND MEMBERS FINANCIAL MANAGEMENT COMMITTEE **DATE:** 2018 June 04

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

**SUBJECT:** 2018 JUNE ENGINEERING CAPITAL INFRASTRUCTURE BYLAW FUNDING REQUEST

**PURPOSE:** To request funding to finance Engineering capital infrastructure projects as outlined in this report.

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**RECOMMENDATIONS:**

1. **THAT** the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$2,775,000 to finance the Development Coordinated Works capital infrastructure project as outlined in this report.
2. **THAT** the Financial Management Committee recommend Council authorize the use of Water Works Reserves in the amount of \$100,000 to finance the Pressure Reducing Valve Station Replacement capital infrastructure project as outlined in this report.
3. **THAT** the Financial Management Committee recommend Council authorize the use of Sanitary Sewer Reserves in the amount of \$150,000 to finance the Development Coordinated Works capital infrastructure project as outlined in this report.

**REPORT****INTRODUCTION**

In order to proceed with the award of contracts for design, administration and construction, funding approval is requested for the projects listed below.

**1.0 INFRASTRUCTURE****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 Dynamic Community – Build and maintain infrastructure that meeting the needs of our growing community.
- A Thriving Organization – Protect the integrity and security of City Services and Assets.
- A Safe Community – projects will make City streets, pathways, trails, and sidewalks safer.



To: Chair and Members Financial Management Committee  
From: Director Engineering  
Re: 2018 JUNE ENGINEERING CAPITAL INFRASTRUCTURE BYLAW FUNDING  
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**1.1 Pressure Reducing Valve (PRV) Station Replacement EJA.3149 estimated \$100,000**

Investigate, design and construct a replacement for the existing Price PRV, as part of the City's ongoing infrastructure renewal program, this includes managing capital expenditure for City forces based upgrades to other PRV's, as required.

Funding was requested in February for \$50,000 in each of 2018 and 2019 for the estimated amount needed. Further analysis has determined that an additional \$100,000 is required to fully fund the contract for design, contract administration and project management. With this additional funding, a total of \$150,000 of the 2019 portion of the 2018 – 2022 Annual Financial Plan will be in place prior to awarding the respective contract. Expenditures are anticipated to be in 2019. The balance of the 2019 Annual Capital Plan will cover construction costs and funding approval will be requested at a later date.

Annual Capital Plan is as follows:

Project Mask	Type	2018	2019	Total
EJA.3149	Water	50,000	750,000	800,000

**1.2 Development Coordinated Works estimated \$2,925,000**

This project involves development coordinated works related to drainage, sewer and roads. If adjacent development sites are completing similar off-site works, and provide good-value quotes to complete additional necessary rehabilitation, then these funds are utilized to complete these 'developer-coordinated' works. These Developer Coordinated Works then reduce long-term neighbourhood disruption and improve City infrastructure condition and performance.

The main work to be completed under this project are the upgrade of the Fraser River Dyke at the foot of Wiggins Street and the storm sewer extensions for new properties without piped storm sewers.

Funding for this 2019 project is identified in the 2018 – 2022 Annual Financial Plan. Further analysis has determined that 2019 works associated with 2018 contracts should be fully funded in order to award the contract for design, contract administration and project management. A total of \$2,925,000 in the 2019 portion of the 2018 – 2022 Annual Financial Plan is being requested in order to have the funding in place prior to awarding the respective contracts. Expenditures are anticipated to be in 2019.

Annual Capital Plan is as follows:

Project Mask	Type	2018	2019	Total
ELA.3139	Storm Drainage	0	2,025,000	2,025,000
EMC.3139	Roads	0	750,000	750,000
EKA.3139	Sanitary Sewer	0	150,000	150,000
<b>Total</b>		0	2,925,000	2,925,000



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These expenditures are included in the 2018 – 2022 Annual Financial Plan and sufficient Reserves are available to finance the capital project 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 \$2,775,000, and the use of Sanitary Sewer Reserves in the amount of \$150,000, and Water Works Reserves in the amount of \$100,000 to finance the Engineering capital infrastructure projects 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  
Project Managers, M. Phang & L. Huang