



Item
Meeting..... 2019 May 21

COMMITTEE REPORT

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

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

SUBJECT: 2019 MAY ENGINEERING CAPITAL INFRASTRUCTURE FUNDING REQUEST

PURPOSE: To request the use of Sanitary Sewer Reserve and to request a Capital Reserve Fund Bylaw to finance 2019 Engineering capital infrastructure projects.

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 \$2,180,600 and the use of Sanitary Sewer Capital Reserve in the amount of \$172,800 to finance Engineering capital infrastructure improvement projects, as outlined in this report.

REPORT

INTRODUCTION

In order to proceed with the award of contracts for design, contract administration and construction, funding approval is requested for the projects listed below. Sufficient Capital Reserves are available to fund the capital projects outlined in this report.

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.
- A Dynamic Community
 - City Facilities and infrastructure –
Build and maintain infrastructure that meets the needs of our growing community.

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- A Thriving Organization
 - Reliable services, technology and information –
Protect the integrity and security of City information, services and assets.

1.0 Infrastructure

1.1 Goring Pump Station Replacement EKA.3087 Estimated \$172,800

Replacement of the existing Goring Pump Station facility is required as the existing facility has reached the end of its useful life. The replacement pump station will be sized to accommodate anticipated increase in peak sanitary flows resulting from growth and re-development within the local service area. Details of the capacity requirements are to be confirmed with Infrastructure Planning. The anticipated service demand is ~45 L/sec.

Funding has been raised previously to start the design component of this project. The initial design work has identified additional planning and building permits are required and additional funding is required to complete the design phase. Design is anticipated to be completed in 2019.

1.2 Fraser Foreshore Dyke Reach 8 Estimated \$2,180,600

Project Mask(s)	2020
ELA.3056 Storm	2,060,600
EMC.3056 Local Roads	120,000
Total	2,180,600

This project is intended to improve flood protection at the Reach 8 dyke section and public access along the unpaved sections of previously constructed Fraser River foreshore dykes.

The Reach 8 Fraser River foreshore dyke is located between Patterson Avenue (or Glenlyon Creek) and Byrne Road. Currently, the road allowance along Glenlyon Parkway is the current dyke section between Glenlyon Creek and the Byrne Creek floodbox. A conventional setback earth dyke was constructed between the Byrne Creek floodbox and Byrne Road. Construction on this project overall is anticipated to be completed in 2020.

Bylaw funding for 2019 portion of the project was approved by Council on 2019 March 25 and interim funding was secured through Contingency to allow award of the contract. This request is for the 2020 portion of the project to refund the interim financing.

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These expenditures are included in the 2019 – 2023 Financial Plan and sufficient Capital Reserve and 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 Reserves Fund Bylaw in the amount of \$2,180,600 and the use of Sanitary Sewer Capital Reserve in the amount of \$172,800 to finance Engineering capital infrastructure improvement projects, as outlined in this report.



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

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Copied to: City Manager
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