

COMMITTEE REPORT

TO: CHAIR AND MEMBERS FINANCIAL MANAGEMENT COMMITTEE **DATE:** 2019 September 03

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

SUBJECT: 2019 SEPTEMBER ENGINEERING CAPITAL INFRASTRUCTURE FUNDING REQUEST

PURPOSE: To request the use of Water and Sanitary Reserves and to request a Capital Reserve Fund Bylaw to finance 2019 - 2021 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 \$6,300,000, the use of Sanitary Sewer Capital Reserves in the amount of \$150,000 and the use of Waterworks Utility Capital Reserves in the amount of \$3,700,000 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 Reserve Funds and 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.

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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 Infrastructure

1.1 Sidewalk Project

Estimated \$1,500,000

Project Mask(s)	2020
EMC.3188- Package 1	\$750,000
EMC.3190- Package 2	\$750,000
Total	\$1,500,000

This project was not part of the approved 2019-2023 Annual Capital Plan but has been deemed a priority by Council who instructed staff to accelerate a new sidewalk capital program at a value of \$10 million per year. Accordingly, the 2020 capital plan associated with Metro Vancouver Douglas Road Main has been reallocated to this new project.

Staff has selected sidewalk construction locations based on the prioritization outlined within the report; for example near schools/community centres/parks/transit, most cost-effective first, network gaps, and neighbourhoods without sidewalks. Boulevard trees would also be replaced and added as necessary, in order to complete the public realm. This planned 2020 program would add over 16km of new sidewalk.

Early funding is being requested for the 2020 scope of work to enable the award of the design contract.

1.2 Central Burnaby Water Main Package - EJA.3189

Estimated \$3,700,000

This project was not part of the approved 2019-2023 Annual Capital Plan but needs to be advanced as staff are ahead of schedule with delivering the existing water main replacement packages. Accordingly, the 2020 capital plan associated with three delayed projects; Tennis Canada Servicing, Douglas Sanitary Pump Station replacement and an Environmental Rehabilitation project has been reallocated to this new project.

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This project package includes water main replacements, road rehabilitation or upgrades and communication ducting for various project sites in Central Burnaby. The projects involve replacement of existing aged AC or CI water mains and services, hydrants for enhanced firefighting and capacity upgrades, complete with pavement rehabilitation. Interim strip roads and traffic safety improvements will be upgraded to current urban street standards where appropriate, as part of an integrated project approach.

Construction will be carried out using both City forces (water) and tendered roadwork construction contract services. Total project package value is approximately \$11.4 million over multiple years.

Early funding is being requested for the 2020 scope of work to award the design contract and construction of the water main replacement portion of the project package.

1.3 Storm Extensions Summer Package - ELA.3163 Estimated \$1,850,000

This project involves development coordinated works related to storm sewer extensions (see *Storm Sewer Extension Contribution and Fee Bylaw*) and associated road repair and upgrades (if applicable). Long term, costs are fully recovered by initiating and benefitting property owners.

Summer Storm Sewer Extensions Package (May Tender):

- May.1 to Oct.31 – Collect Applications and cut-off point
- Nov.1 to Apr.30 – RFP award/design completion
- May.1 – Tender close/award/construction

Early funding is being requested for the 2020 portion of the capital plan for the Summer Storm Sewer Extensions Package.

1.4 Storm Extensions – Winter Package Estimated \$3,100,000

Project Mask(s)	<u>2020</u>
ELA.3179- Storm	2,450,000
EKA.3179- Sewer	150,000
EMC.3179- Roads	500,000
Total	\$3,100,000

This project involves development coordinated works related to storm sewer extensions (see *Storm Sewer Extension Contribution and Fee Bylaw*) and associated road repair and upgrades (if applicable). Long term, costs are fully recovered by initiating and benefitting property owners.

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Winter Storm Sewer Extensions Package (November Tender):

- Nov.01 to Apr.30 – Collect applications and cut-off point
- May.01 to Oct.31 – RFP award/design completion
- Nov.01 – Tender close/award/construction

Funding for the design phase of the project was raised previously; early funding is being requested for the 2020 portion of the capital plan for the construction phase of the project.

These expenditures are included in the 2019 – 2023 Financial Plan and sufficient Capital Reserve Funds and 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 Reserves Fund Bylaw in the amount of \$6,300,000, the use of Sanitary Sewer Capital Reserves in the amount of \$150,000 and the use of Waterworks Utility Capital Reserves in the amount of \$3,700,000 to finance Engineering capital infrastructure improvement projects, as outlined in this report



for

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

RS/ac

Copied to: City Manager
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