

TO: CHAIR AND MEMBERS
FINANCIAL MANAGEMENT COMMITTEE

DATE: 2017 May 12

FROM: DIRECTOR ENGINEERING

FILE: 32000-05

SUBJECT: 2017 ENGINEERING CAPITAL INFRASTRUCTURE BYLAW FUNDING
REQUEST MAY

PURPOSE: To request Council approval and funding for multi-year Engineering capital infrastructure improvement projects.

RECOMMENDATION:

1. **THAT** Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserves bylaw in the amount of \$2,102,355.14 (inclusive of GST of \$93,855.14), and authorize staff to draw from the Sanitary Sewer Capital Fund the amount of \$732,710.28 (inclusive of GST of \$32,710.28) to finance Engineering capital infrastructure improvement projects, as outlined in this report.

REPORT

The 2017 – 2021 Financial Plan provides funding for various multi-year capital improvement projects. In order to proceed with the award of contracts for design and construction, funding approval is requested for the projects listed below. Sufficient Capital Reserves are available to complete these works.

1.0 2017 CAPITAL PROGRAM

For capital programs that have work planned in multiple years, the funding for all years is being raised here in order to be able to award upcoming contracts for construction.

1.1 Developer Coordinated Storm**\$790,000**

ELA.3021 Developer Coordinated Storm

\$790,000

This project was previously funded in March, but due to increased single-family development in areas with limited existing storm sewers, there has been a significant increase in the number of requests for storm sewer extensions. Storm extensions are initially funded through an initiating property owner/developer contribution and initial City contribution. The City contribution is fully refunded over time through future contributions from all benefitting property owners.

Engineering has reallocated plan room from the Lougheed project, which will be deferred to 2019 due to coordination with 3rd party utilities, in order to accommodate the increase in storm sewer extensions. Funding for the Lougheed project had not been previously raised.

1.2 Sanitary Service Replacement \$125,000

EKA.3019 Sanitary Services \$125,000

Initial funding for this project was provided in January based on the 2017-2021 Provisional Financial Plan. During review for the Annual Capital Plan, an increase was identified in the replacement of sanitary services as part of the City's ongoing inflow and infiltration reduction and infrastructure renewal program. The capital plan was adjusted for this additional request during the Annual Capital Planning process.

1.3 Traffic (MRN Other) \$62,500

EMB.0008 MRN Other Rehab \$62,500

Other MRN roadworks such as wheelchair ramps, curb and gutter, and street light replacement work can be completed as required to improve vehicle, pedestrian, and bicycle flow as well as accessibility in the MRN areas. This is an annual program fully funded through TransLink. The City finances these expenditures up-front as payment transfers from TransLink are made on a quarterly basis. The capital reserves will be reimbursed upon receipt of TransLink funding.

1.4 Wiggins Pump Station Upgrade \$575,000

EKB.0016 Wiggins Pump Station Upgrade \$575,000

Construction on the Wiggins Sanitary pump station replacement began in 2016 and will be completed in 2017. The cost of this pump station replacement and upgrade is being shared with nearby benefitting developers.

1.5 Traffic Control Devices \$56,000

EMF.0041 Traffic Control Devices 2015 \$56,000

Funding for the installation of a new traffic signal at Marine Drive & Nelson Ave. This work is being done in conjunction with the MRN Capital -2016 Sidewalk Program as a change order to that project. Initial funding for this project change order was done through Capital Contingency. The Capital Contingency will be repaid once project funding is approved.

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1.6 Engineering Equipment

\$1,100,000

ENY.0016 Waste Management Technology \$750,000

In order to support the current business changes in the Solid Waste and Recycling Division, staff recommends implementing Waster Management Technology Platform to manage day-to-day operations, including back office software and in-vehicle hardware. An RFP was issued to evaluate potential vendors and platforms, and the RFP has now closed and staff are in the process of selecting a vendor, undertaking verification, and pilot testing the platform. Upon confirmation of the successful vendor, a separate contract award report will be brought forward to Council.

ENY.3090 Fuel Tank Replacement - Laurel \$250,000

In order to remediate the site and redevelop the new Works Yard, the existing fuel tank infrastructure, underground tanks, fuel shed, and related fuel infrastructure components will be temporarily relocated to the Still Creek Works Yard.

The Still Creek Works Yard will accommodate the operational requirements for the City and its third party customers including the RCMP and the School District while the Laurel Works Yard is being redeveloped. The balance of projects costs of \$440,000 will be funded through contingency.

ENY.0016 Tools & Equipment Electrical \$100,000

The newly formed Engineering Electrical Division has identified various tool and equipment requirements that are required in order to appropriately service the City's traffic signals, street lights, and pump stations.

2.0 RECOMMENDATION

It is recommended that Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserves Bylaw in the amount of \$2,102,355.14 (inclusive of GST of \$93,855.14), and authorize staff to draw from the Sanitary Sewer Capital Fund the amount of \$732,710.28 (inclusive of GST of \$32,710.28) to finance the capital projects outlined in this report.



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DIRECTOR ENGINEERING

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Copied to: City Manager
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