

**TO:** CHAIR AND MEMBERS  
FINANCIAL MANAGEMENT COMMITTEE

**DATE:** 2018 March 06

**FROM:** DIRECTOR ENGINEERING

**FILE:** 35000 40  
*Project #3037*

**SUBJECT:** 2018 MARCH ENGINEERING CAPITAL INFRASTRUCTURE BYLAW  
FUNDING REQUEST DOUGLAS – SPROTT TO TRANS CANADA  
HIGHWAY

**PURPOSE:** To request funding to finance the 2018 component of this project.

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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 \$1,300,000 to finance the Engineering capital infrastructure project as outlined in this report.

**REPORT**

**INTRODUCTION:**

Douglas Road, from Sprott Street to the Trans-Canada Highway bridge, is a significant north-south connection, and currently does not have any curb and gutter or a sidewalk on the east side. Laurel Street east of Douglas Road is the primary connection for the Laurel Works Yard and is also an interim standard road, without sidewalk or curb and gutter.

**POLICY SECTION:**

The subject project is 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 – this project provides 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 City Services and Assets.

To: Chair and Members Financial Management Committee  
From: Director Engineering  
Re: Road Upgrade Report  
Douglas Road, Sprott Street to Trans-Canada Highway  
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Figure 1 – Douglas Road, south of Laurel (existing)

Similar to recent works on Rumble Street, this project will complete Douglas Road to the urban street standard with curb and gutter, sidewalk on the west side, urban trail on the east side, new bus stops, intersection upgrades, new streetlights, grass boulevard, and street trees.

Laurel Street, east of Douglas Road, will also be completed to an urban standard with a new signal added at Laurel and Douglas to improve access and safety in and out of the Works Yard. Woodsworth Street, east of Douglas Road, is proposed to be closed with a cul-de-sac to improve safety and traffic flow. Utility replacement or upgrades will be completed as necessary.

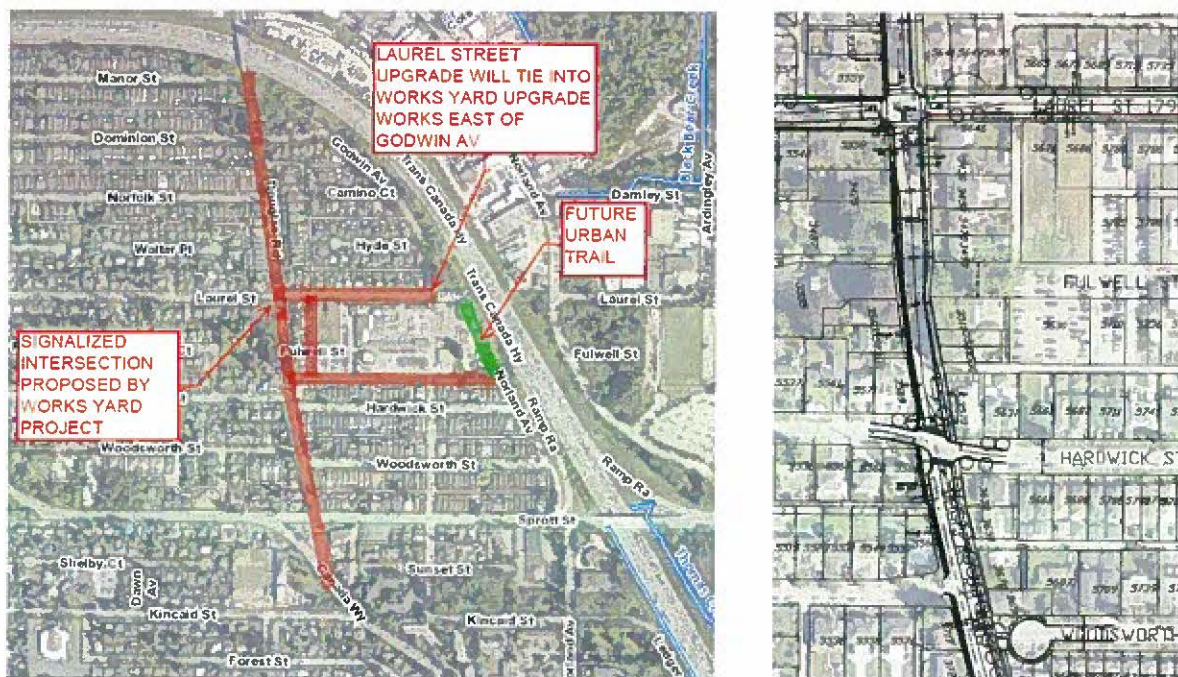


Figure 2 – Overall Project Location and Draft Geometric

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Phase 1 of the project (estimated at \$1.3M) will take place in 2018 and includes conceptual design and some preliminary construction works on Laurel Street and surrounding lanes to support integration to the new Laurel Works Yard. These early works may include construction of a new storm sewer on Laurel Street and the surrounding lanes. Some road and temporary paving works may also be undertaken, again to facilitate construction of the works yard.

Phase 2 (estimated at \$3.5m) is scheduled for 2019 and will include the remainder of construction on Douglas Road to bring it to full urban standard and replacement of the aging watermain on Laurel Street. The Douglas Road construction timeline may be adjusted depending on progress of the Laurel Works Yard and to coordinate with potential Metro Vancouver watermain construction, which could reduce Burnaby project cost and reduce the overall neighbourhood impact.

The estimated total project budget of \$4.8M in 2018 and is included in the 2018-2022 Capital Plan will be updated upon completion of preliminary design, and confirmed with Council upon construction contract award. 2018-2022 Capital Plan for this project is as follows:

Project Mask	2018	2019	Total
EMC.3037 - Roads LRN	800,000	2,200,000	3,000,000
ELA.3037 - Storm	500,000	-	500,000
EJA.3037 - Water	-	1,300,000	1,300,000
<b>Total</b>	<b>1,300,000</b>	<b>3,500,000</b>	<b>4,800,000</b>

This project will rehabilitate aging infrastructure, improve traffic flow and pedestrian safety on this significant bus and truck route, and provide upgraded connections to and from the Central Valley Greenway, aligning with the Strategic Plan goals of a safe, connected, healthy, and dynamic community.

#### RECOMMENDATION:

It is recommended the Financial Management Committee receive this report for information and that Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$1,300,000 to finance the Engineering capital infrastructure project as outlined in this report



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

JL:ac

Copied to: City Manager  
Director Finance  
City Solicitor  
Deputy Director Engineering  
Assistant Director, Infrastructure & Development