
TO: CITY MANAGER **DATE:** 2011 July 06
FROM: DIRECTOR ENGINEERING **FILE:** 42000 01
SUBJECT: FUNDING BYLAW
PURPOSE: To obtain funding approval for various capital projects

RECOMMENDATION:

1. **THAT** a Capital Expenditure Bylaw in the amount of \$522,000 (inclusive of 12% HST) be brought forward to finance the capital projects as described in this report.

REPORT

The 2011 Annual Financial Plan includes the projects described in this report. The purpose of this report is to seek Council approval to bring forward a Capital Expenditure Bylaw to finance these projects which are estimated at \$522,000 (inclusive of 12% HST).

CAPITAL PROJECTS:

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| 1. Gaglardi Way Overpass at Brunette River - (R19) | \$110,000 |
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- An annual inspection conducted in 2008 identified the overpass that carries Gaglardi Way across Cariboo Road and the Brunette River as being in generally good condition with an anticipated remaining service life in excess of 25 years. However, the deck has deteriorated in several areas including the area adjacent to deck expansion joints. The structure has also been identified for a seismic assessment as it does not meet current seismic design criteria. Although the bridge remains functionally adequate, the proposed rehabilitation and seismic retrofit are needed to maintain the safety of this City-owned structure and its functionality as an emergency response route. Engineering services are required to undertake seismic assessment and develop rehabilitation designs. The cost of engineering design services is estimated at \$110,000 (inclusive of 12% HST). This project has been previously approved by TransLink for 50% cost sharing as Gaglardi forms part of the Major Roads Network. Construction of the improvement is planned for 2012.

2. General Bridge Rehabilitation at Various Locations \$242,000

The 2011 Annual Financial Plan includes provision for the rehabilitation and upgrades to the following 8 bridge structures:

- **Beaverbrook Drive Pedestrian Overpass**
- **Kensington Overpass**
- **Broadway Avenue Bridge**
- **Kingsway/TELUS Pedestrian Overpass**
- **Henning Drive Bridge**
- **Canada Way Pedestrian Overpass**
- **Gaglardi Way Pedestrian Overpass – south of Broadway**
- **Oakland Street Bridge**

The proposed rehabilitation work includes deck repairs, joint replacement, railing and concrete repairs. The cost of engineering design and construction is estimated at \$242,000 (inclusive of 12% HST).

3. Still Creek Drive Bridge (west of Willingdon) - Approach Replacement [Design] \$60,000

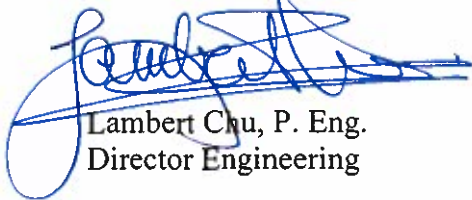
Engineering services are required to undertake detailed design for the replacement of concrete slab on the west approach to the Still Creek Drive bridge. The cost of engineering design services is estimated at \$60,000 (inclusive of 12% HST). The slab replacement is required to correct the existing settlement problems.

4. Traffic Control and Calming Measures at Various Locations \$110,000

The City has an annual program for traffic safety measures that consist primarily of the installation of traffic controls, curb bulges and other miscellaneous improvements at various locations. Total cost of the 2011 Program is estimated at \$110,000 (inclusive of 12% HST).

\$522,000

Sufficient Capital Reserves are available to complete the above projects and these expenditures are included in the Structures and Traffic Management components of the 2011 Annual Financial Plan. It is recommended that a Capital Expenditure Bylaw in the amount of \$522,000 (inclusive of 12% HST) be brought forward to finance these works.



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Director Engineering

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City Solicitor