

TRANSPORTATION COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: 2012 MAJOR ROAD NETWORK CAPITAL FUNDING APPLICATION

RECOMMENDATION:

1. THAT Council approve submission of an application to TransLink for 2012 Major Road Network capital cost-share funding, as described in this report.

REPORT

The Transportation Committee, at its meeting held on 2011 October 12, received and adopted the *attached* report seeking approval for the submission of an application for Major Road Network capital cost-sharing funding.

This report has proposed two projects as the basis for the City's 2012 application to TransLink for capital cost-share funding on the Major Road Network. The proposed projects are signal coordination on Kingsway and the balance of funds required for the rehabilitation and seismic upgrade of the Gaglardi Way overpass.

Respectfully submitted,

Councillor N. Volkow
Chair

Councillor S. Dhaliwal
Vice Chair

Councillor R. Chang
Member

Copied to:	City Manager Director Planning and Building Director Engineering Director Finance
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TO: CHAIR AND MEMBERS
TRANSPORTATION COMMITTEE

DATE: 2011 October 07

FROM: DIRECTOR PLANNING AND BUILDING
DIRECTOR ENGINEERING

FILE: 2156-01
Reference: TransLink MRN Capital

SUBJECT: 2012 MAJOR ROAD NETWORK CAPITAL FUNDING APPLICATION

PURPOSE: To seek Council approval for submission of an application for Major Road Network capital cost-sharing funding.

RECOMMENDATION:

1. **THAT** Council be requested to approve submission of an application to TransLink for 2012 Major Road Network capital cost-share funding, as described in this report.

REPORT**1.0 INTRODUCTION**

The Major Road Network (MRN) is a network of regionally-significant roads agreed upon between TransLink and the various municipalities. In Burnaby, the MRN includes most Primary Arterial roads and some Secondary Arterials. The roads are under the City's jurisdiction, with TransLink providing financial contributions to annual operating, maintenance, and rehabilitation costs. In addition, up to 50% cost-share funding for City capital improvements is available upon application. For 2012, based on population, an allocation of up to \$1,178,000 for cost-share funding is available for City of Burnaby MRN projects.

This report seeks Committee and Council approval for the City's 2012 application for MRN capital funds.

2.0 KINGSWAY SIGNAL COORDINATION

This project proposed for MRN funding is to update signal timing on Kingsway, from Boundary Road to Tenth Avenue. Signal coordination is the process of adjusting the timing of a series of traffic signals, so that they operate in a coordinated fashion and minimize delays along the route in question. This saves time for the travelling public, makes more efficient use of the City's investment in the road, and reduces through traffic use of parallel lower-classification roads or neighbourhood routes, by maximizing the attractiveness of the main route.

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Director Engineering
Re: 2012 Major Road Network Capital Funding Application
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The anticipated scope of work for this project includes:

- data collection on traffic volumes at signalized intersections on Kingsway;
- end-to-end travel time survey of existing conditions;
- development and calibration of a computer traffic model of the corridor;
- use of the model to develop signal timing plans for various time of day, for weekdays and weekends;
- implementation of the new signal timings in the field; and
- monitoring and adjustment of new signal timings, as necessary.

The anticipated total cost of this project is \$200,000.

3.0 GAGLARDI WAY BRUNETTE RIVER OVERPASS

The Gagliardi Way Brunette River Overpass is a City-owned bridge structure that carries Gagliardi Way across the Brunette River, as shown in *Figure 1*. A project to rehabilitate this structure and upgrade it seismically was described to Council on 2011 January 17. At that time, Council approved the submission of the project for 2011 MRN funding.

The total project cost is estimated at \$2,888,000. TransLink's share would normally be 50%, or \$1,444,000. However, this exceeded the 2011 allocation available to Burnaby of \$1,178,000. In the 2011 January 17 report, staff indicated that the City would seek to obtain the remaining \$266,000 in TransLink funding via a 2012 application for the same project. As such, an application for the balance of available MRN funding for this project is proposed.

4.0 FINANCIAL

The projects would be completed in 2012. Total project costs are estimated at \$200,000 for the Kingsway signal coordination project and \$2,888,000 for the Gagliardi Way overpass upgrade. These funds are identified in the *2012 Provisional Financial Plan* being advanced for Council's consideration.

The proposed 2012 MRN funding application would provide cost-share funding of \$100,000 for the Kingsway project and the balance of \$266,000 for the Gagliardi Way project. Staff would continue to seek to identify suitable projects to access the remaining MRN funds available to Burnaby, and would report to Council in the future, as necessary.

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Figure 1: Gaglardi Way Brunette River Overpass



5.0 CONCLUSION

This report has proposed two projects as the basis for the City's 2012 application to TransLink for capital cost-share funding on the Major Road Network. The proposed projects are signal coordination on Kingsway and the balance of funds required for the rehabilitation and seismic upgrade of the Gaglardi Way overpass. It is recommended that Council approve submission of the MRN applications for these projects. Individual project expenditure authorization for these projects would follow Council approval of the 2012 Provisional Capital Program and receipt of confirmation of the subject MRN cost-share funding.

B. Luksun, Director
DIRECTOR PLANNING AND BUILDING

L. Chu, Director
DIRECTOR ENGINEERING

SR:sa

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