



**To:** Public Works and Transportation Committee      **Date:** May 22, 2002  
**From:** Gordon Chan, P. Eng.      **File:** 6500-01  
Director, Transportation  
**Re:** **Follow-up Report on TransLink's 2002 Major Road Network (MRN) Minor  
Capital Improvement Program**

**Staff Recommendation**

That the various proposed road and traffic improvements in Richmond, as presented in the attached report, be endorsed for 50/50 cost-sharing between the City and TransLink as part of the TransLink 2002 Major Road Network Minor Capital Improvement Program.

Gordon Chan, P. Eng.  
Director, Transportation

Att. 1

FOR ORIGINATING DIVISION USE ONLY		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Engineering .....	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
Budgets .....	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

## Staff Report

### Origin

At the January 28, 2002 regular Council meeting, Council endorsed the submission by the City of a number of road improvement projects on Richmond's component of the Major Road Network (MRN) for 50/50 cost-sharing with TransLink as part of its 2002 MRN Minor Capital Improvement Program. The staff report also contained a recommendation that a further report be presented following TransLink's evaluation of the proposed projects. This report provides an update on the status of the submitted projects following the completion of the evaluation process by TransLink.

### Analysis

#### 1. Evaluation of Submitted Projects

As described in the previous staff report, a total of eleven projects were originally submitted by Richmond to TransLink's 2002 MRN Minor Capital Improvement Program for cost-sharing. Staff subsequently submitted the proposed bicycle route improvement on Westminster Highway (between No. 7 Road and No. 8 Road) as an additional project to be considered in the program, resulting in a total of twelve projects being presented to TransLink.

In order to obtain funding from this program, each project must meet a set of criteria that have been established to ensure that the proposed improvements will increase the capacity or enhance the safety of the regional major road system. Other considerations, such as the extent that the road improvements fall within the right-of-way of the major road, are also part of the evaluation of each project submitted by the member municipalities.

Following extensive technical review by the Major Road and Transportation Advisory Committee (MRTAC) of all projects received from the various municipalities, seven out of the twelve projects submitted by Richmond were approved for cost-sharing. The five Richmond projects not approved were deemed to not meet the above established criteria. A summary of the status of all projects submitted by the City to TransLink's 2002 MRN Minor Capital Improvement Program, along with estimated costs, is shown in Attachment 1.

#### 2. Projects Approved for Cost-Sharing

The seven approved projects submitted by Richmond to the TransLink's 2002 MRN Minor Capital Improvement Program have been included either in the City's 2001/2002 Major Capital Works Program or as part of development-related road improvements that are expected to be completed in 2002/2003.

Total construction costs of these projects, including any related land acquisition costs, are estimated at approximately \$2.65 million, \$1.28 million of which (excluding ineligible improvements such as landscaping) is recoverable from TransLink. The approval of the seven projects comprises about 91% of TransLink's maximum allocated funding of \$1.41 million for Richmond in 2002. As there is currently limited funding within the City's Roads DCC Program, it would be difficult to commit additional projects to expend the Richmond's 2002 funding allocation fully.

### 3. Projects Not Eligible for Cost-Sharing

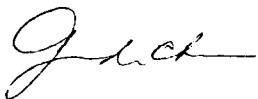
The five projects not approved for cost-sharing were found by MRTAC to fall outside of the MRN right-of-way or to not sufficiently increase the capacity or enhance the safety of the MRN. Except for Item (d) in Attachment 1, these projects will be implemented either as part of the 2002 Capital Program or by developers as part of their requirements for road improvements, without any cost-sharing with TransLink. The improvements at the Alderbridge Way/Kwantlen Street intersection, Item (d), will be deferred until such time when the adjacent affected property re-develops, which would provide an opportunity for securing the road right-of-way required for the improvements.

#### Financial Impact

The total cost for the seven approved projects is estimated at \$2.65 million. The City's share of \$1.37 million will be funded through the 2001/2002 Major Capital Works Program and development agreements for required road improvements. The remaining \$1.28 million is recoverable from TransLink through its 2002 MRN Minor Capital Improvement Program with the exact amount subject to the actual project costs upon completion of the road improvements.

#### Conclusion

Of the twelve MRN road improvement projects submitted by the City for 50/50 cost-sharing with TransLink as part of its 2002 MRN Minor Capital Improvement Program, seven projects were approved and five were found to be ineligible for financial contribution under the current MRN funding criteria. The total recoverable cost from TransLink for the approved projects is expected to be a maximum of \$1.28 million, subject to actual project costs. The City's portion of the approved project costs, estimated at \$1.37 million, will be funded from the 2001/2002 Major Capital Works Program or as part of development requirements for road improvements. The projects not approved will be implemented as part of the City's 2002 Major Capital Works Program or via development agreements for road improvements, or deferred to a later date.



*for* Victor Wei, P. Eng.  
Manager, Transportation Planning

VW:vw

**TransLink 2002 MRN Minor Capital Improvement Program  
Status of Road Improvement Projects submitted by Richmond**

Item	Project Name	Funding Source for City's Portion	Status	Est. Total Project Cost	Recoverable from TransLink
(a)	New Special Crosswalks @ No. 2 Rd/Colville Rd and Westminster Hwy/Smith Crescent	2002 Arterial Road Crosswalk Improvement Program	Approved for cost-sharing.	\$108,000	\$54,000
(b)	Steveston Highway Intersection Safety and Capacity Improvements (Shell Road to No. 2 Road)	2002 Traffic Signal Installation Program	Not approved. To be implemented by City.	\$102,500	\$0
(c)	No. 2 Road Intersection Safety and Capacity Improvements (Williams Road to Francis Road)	2002 Traffic Signal Installation Program	Not approved. To be implemented by City.	\$33,700	\$0
(d)	Alderbridge Way/Kwantlen Street Intersection Improvement	2002 Major Capital Works Program and the City's Strategic Land Acquisition Program	Not approved. To be deferred.	\$800,000	\$0
(e)	Alderbridge Way Traffic and Pedestrian Safety Improvements (Hazelbridge Way to Garden City Road)	2002/Future Major Capital Works Program and DCC/Development Agreement	Approved for cost-sharing.	\$482,200	\$226,100
(f)	Westminster Highway Traffic Safety and Capacity Improvements (Minoru Boulevard to No. 3 Road)	2001 Traffic Signal Installation Program and ICBC Traffic Safety Improvement Program	Approved for cost-sharing.	\$73,600	\$30,650
(g)	Westminster Highway Traffic Safety and Capacity Improvements (Buswell Street to Cooney Road)	DCC/Development Agreement	Approved for cost-sharing.	\$110,500	\$35,000
(h)	Westminster Highway/Nelson Road Traffic Signal and Intersection Improvements	DCC/Development Agreement	Approved for cost-sharing.	\$1,251,200	\$625,600
(i)	Westminster Highway Eastbound Left-turn Lane (between No. 8 Road and Nelson Road)	DCC/Development Agreement	Not approved. To be undertaken by developer.	\$250,000	\$0
(j)	Steveston Highway/No. 5 Road Intersection Improvement (northbound to eastbound right-turn lane)	DCC/Development Agreement and City's Strategic Land Acquisition Program	Not approved. To be undertaken by developer.	\$410,000	\$0
(k)	Steveston Highway/No. 5 Road Intersection Improvement (eastbound to southbound right-turn lane)	DCC/Development Agreement	Approved for cost-sharing.	\$66,300	\$29,300
(l)	Westminster Highway Bicycle Path (No. 7 Road to No. 8 Road)	2002 Major Capital Works Program	Approved for cost-sharing.	\$555,000	\$277,500
<b>Approved Projects</b>				<b>\$2,646,800</b>	<b>\$1,278,150</b>