



To: Public Works and Transportation Committee

Date: March 26, 2010

From: Victor Wei, P. Eng.
Director, Transportation

File: 01-0150-20-ICBC1-
01/2010-Vol 01

Re: ICBC/CITY OF RICHMOND ROAD IMPROVEMENT PROGRAM – PROPOSED
PROJECTS FOR 2010

Staff Recommendation

1. That the list of proposed road safety improvement projects, as described in the attached report, be endorsed for submission to the ICBC 2010 *Road Improvement Program* for cost sharing.
2. That should the above applications be successful, the Chief Administrative Officer and General Manager, Planning and Development be authorized to negotiate and execute the cost-share agreements.
3. That, in recognition of the *Road Improvement Program's* upcoming 20th anniversary, the Mayor send a letter to ICBC to express the City's appreciation of past funding support and desire for the continuation of the program.

Victor Wei, P. Eng.
Director, Transportation
(604-276-4131)

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ROUTED TO:		CONCURRENCE		CONCURRENCE OF GENERAL MANAGER	
Budgets & Accounting.....	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>	
Engineering	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>	
Law.....	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>	
RCMP.....	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>	
REVIEWED BY TAG	YES	NO	REVIEWED BY CAO		
	<input checked="" type="checkbox"/> <i>VW</i>	<input type="checkbox"/>		YES	NO
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Staff Report

Origin

At the May 25, 2009 regular Council meeting, Council endorsed a number of proposed joint ICBC/City of Richmond road safety improvement projects for 2009. This report summarizes the projects implemented in 2009 with funding from ICBC and presents a list of projects proposed to be implemented with funding contributions from ICBC as part of the 2010 ICBC/City of Richmond *Road Improvement Program* partnership.

Analysis

1. Partnership with ICBC on Road Improvement Program

The City has been in partnership with ICBC in the *Road Improvement Program* since 1994. This partnership is a vital component of the City's traffic safety program as it enables the City not only to undertake more traffic safety enhancements than it could alone, but also to expedite some of these road safety improvement projects. Each year, a list of potential projects is developed for inclusion in the *Road Improvement Program* based on the results of joint ICBC/City traffic safety studies and input from the Traffic Safety Advisory Committee and other stakeholders. Past funding from ICBC has contributed to the implementation of projects such as the realignment of left-turn lanes at intersections to improve sightlines, the installation and upgrading of pedestrian crosswalks and the installation of new traffic signals. In 2009, changes to the Program were made that had the effect of broadening the range of projects eligible for funding consideration. The City is therefore now submitting significantly more projects to the Program for cost-share consideration than in years prior to 2009.

2. 2009 ICBC/City of Richmond Road Improvement Projects

As shown in the table below, several City projects completed in 2009 (or to be shortly completed in early 2010) received a total of \$134,600 in funding from ICBC's *Road Improvement Program*.

Location	Project Description	2009 ICBC Contribution
No. 3 Road (Saba Rd to Capstan Way: 12 signalized intersections)	<ul style="list-style-type: none"> Installation of illuminated street name signs on No. 3 Road 	\$60,000
Garden City Rd & Cook Road	<ul style="list-style-type: none"> Intersection modifications 	\$30,600
Francis Road & No. 2 Road	<ul style="list-style-type: none"> Installation of eastbound and westbound left-turn arrows (to be completed) 	\$18,000
Arterial Road Crosswalk Upgrades	<ul style="list-style-type: none"> No. 5 Rd & Bird Rd Williams Rd & Aquila Rd Railway Ave & Colbeck Rd (to be completed) 	\$26,000
Total ICBC Funding		\$134,600

3. Proposed 2010 ICBC/City of Richmond Road Safety Improvement Projects

The table below identifies a number of projects proposed for submission to the 2010 *Road Improvement Program* for funding contribution from ICBC. The implementation of these projects, as well as any additional projects identified prior to ICBC's deadline in May 2010, will be subject to review by and cost sharing with ICBC.

Proposed 2010 ICBC/City of Richmond Road Improvement Program Projects	Estimated Total Cost	Source of City Funds ⁽¹⁾
Accessible Pedestrian Signals: addition of audible locator tone to special crosswalks (50 locations city-wide)	\$300,000	\$300,000 2008-09 Enhanced Accessible Signal Program
Westminster Highway & McLean Ave: upgrade of existing pedestrian signal to new full traffic signal	\$120,000	\$120,000 2009 Traffic Signal Program & DCC Credits ⁽²⁾
Westminster Highway & Gilley Road: upgrade of existing pedestrian signal to new full traffic signal	\$80,000	\$80,000 2009 Traffic Signal Program & DCC Credits ⁽²⁾
No. 3 Road & Ackroyd Road / Minoru Blvd & Elmbridge Way: traffic signal modifications to accommodate new road that will connect these two existing intersections	\$84,000	\$84,000 DCC Credits ⁽²⁾
Railway Ave & Moncton St: intersection modifications including new through bike lanes and turning lanes	\$10,000	\$10,000 DCC Credits ⁽²⁾
Intelligent Traffic Information Systems: installation of video cameras at selected intersections	\$100,000	\$100,000 2009 Capital Program
Arterial Road Crosswalk Upgrades to Special Crosswalks: <ul style="list-style-type: none"> • No. 5 Rd & Thorpe Rd • Williams Rd & Seacote Rd • Moncton St & Trites Rd • Gilbert Rd & Mang Rd (if warranted) • Steveston Hwy & Southport Rd (if warranted) 	\$235,000	\$185,000 2010 Arterial Road Crosswalk Improvement Program & 2009 Transit Plan Infrastructure Programs
Steveston Highway (Highway 99 to No. 5 Road): new westbound right-turn and left-turn lanes and multi-use pathway on the north side	\$2,541,000	\$1,028,000 DCC Credits ⁽²⁾
Minoru Boulevard Bike Route (Granville Ave to Alderbridge Way): creation of bike lanes between Granville Ave and Firbridge Way and wide shared lanes between Firbridge Way and Alderbridge Way	\$190,000	\$95,000 2008 Bicycle Lane Program & 2009 Cycling Network Expansion Program
Garden City Road & Granville Ave: cyclist and pedestrian facility improvements including new pedestrian signal, crosswalks and multi-use pathway	\$195,400	\$97,700 2010 Miscellaneous Intersection Improvements & 2010 Cycling Network Expansion Program
Various Intersections on Bike Routes: revised pavement markings and signage at intersections with right-turn lanes to facilitate the movement of through cyclists	\$85,800	\$42,900 2009 & 2010 Cycling Network Improvement Programs
No. 6 Road: improvements to S-Curve between Westminster Hwy & Blundell Road including micro-surfacing	\$108,000	\$108,000 2008 Neighbourhood Traffic Safety Program
Gilbert Road (Finn Rd to Dyke Rd): installation of speed humps	\$8,000	\$8,000 2008 Neighbourhood Traffic Safety Program
TOTAL	\$4,057,200	\$2,258,600

(1) Where City funds do not cover the total estimated cost, the balance would be funded by grants from external agencies (e.g., TransLink, ICBC) or funded via the development process.

(2) The estimated amount of DCC Credits is based on preliminary design. The final amount will be based on final approved engineering drawings and actual construction costs.

ICBC's potential funding contribution to these projects will be determined by historical traffic accident rates at these locations and the estimated reduction in ICBC claim costs resulting from the proposed traffic safety improvements as well as eligibility of the project vis-à-vis the revised funding guidelines. The outcome of ICBC's review of the above projects, as well as any additional projects identified, will be reported back as part of 2011 ICBC *Road Improvement Program*.

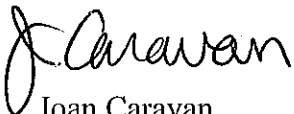
Upon approval of a project by ICBC, the City would be required to enter into a funding agreement with ICBC. The agreement is provided by ICBC and generally includes an indemnity in favour of ICBC. Staff recommend that the Chief Administrative Officer and General Manager, Planning and Development be authorized to execute the funding agreements for approved projects.

Financial Impact

The funding sources for the City's portion of the costs of the projects have been previously approved or endorsed by Council as outlined in Section 3 of this report. Several of the identified projects have additional external grants either approved or pending approval from other agencies (e.g., TransLink, ICBC). No projects will be undertaken unless sufficient combined funding sources (City and external agencies) are secured to cover the estimated project cost.

Conclusion

ICBC is a significant long-time partner working with the City to promote traffic safety in Richmond. The traffic safety initiatives jointly implemented by ICBC and the City, including various road and traffic management enhancements, educational efforts and enforcement measures, have resulted in safer streets for all road users in the City. Staff therefore recommend that Council endorse the various local road safety improvement projects for submission to the 2010 joint ICBC/City of Richmond *Road Improvement Program*. Upon approval by ICBC of any projects, a cost-share agreement will be executed by staff with ICBC. In recognition of the *Road Improvement Program's* upcoming 20th anniversary, staff also recommend that the Mayor send a letter to ICBC to express the City's appreciation of past funding support and desire for the continuation of the program.



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