



# City of Richmond

## Report to Committee

**To:** Public Works and Transportation Committee

**Date:** February 19, 2013

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

**File:** 01-0150-20-ICBC1-  
01/2013-Vol 01

**Re:** ICBC/CITY OF RICHMOND ROAD IMPROVEMENT PROGRAM – PROPOSED  
PROJECTS FOR 2013

### Staff Recommendation

1. That the list of proposed road safety improvement projects, as described in the report, be endorsed for submission to the ICBC 2013 *Road Improvement Program* for consideration of cost sharing funding.
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 and the 2013 Capital Plan and 5-Year (2013-2017) Financial Plan be amended accordingly.

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

Att. 1

REPORT CONCURRENCE			
<b>ROUTED TO:</b>	<b>CONCURRENCE</b>	<b>CONCURRENCE OF GENERAL MANAGER</b>	
Finance Division	<input checked="" type="checkbox"/>		
Engineering	<input checked="" type="checkbox"/>		
Law	<input checked="" type="checkbox"/>		
RCMP	<input checked="" type="checkbox"/>		
<b>REVIEWED BY DIRECTORS</b>	<b>INITIALS:</b> 	<b>REVIEWED BY CAO</b>	<b>INITIALS:</b> 

## Staff Report

### Origin

At the May 28, 2012 regular Council meeting, Council endorsed a number of proposed joint ICBC-City of Richmond road safety improvement projects for 2012. This report summarizes the projects implemented in 2012 with funding from ICBC and presents a list of projects proposed to be implemented with funding contributions from ICBC as part of the 2013 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 capital projects is developed for inclusion in the *Road Improvement Program* based on community requests and input from the Traffic Safety Advisory Committee and other stakeholders.

#### 2. 2012 ICBC/City of Richmond Road Improvement Projects

As shown in Table 1 below, a number of City projects initiated and/or completed in 2012 will receive a total of \$357,000 in funding from ICBC's *Road Improvement Program*.

**Table 1: 2012 Road Improvement Projects Receiving ICBC Funding**

Location	Project Description	ICBC Contribution
Railway Ave at Linfield Gate	Upgrade to special crosswalk	\$6,000
No. 3 Road (Saba Road to Richmond-Brighthouse Station)	Installation of centre median railing	\$14,000
Steveston Hwy (Highway 99-No. 5 Road)	Frontage improvements on north side including additional westbound right- and left-turn lanes	\$122,000
Herbert Road (Afton Dr-Bates Rd)	Construction of neighbourhood pathway	\$20,000
Aquila Rd (lane north of Williams Rd-Albion Rd)	Construction of neighbourhood pathway	\$5,000
Garden City Road at Garden City School	Installation of flashing school zone warning sign	\$5,000
Finn Road	Installation of driver feedback signs at limits of 30 km/h zone	\$2,000
No. 2 Rd (Westminster Hwy-Steveston Hwy) & Westminster Hwy (No. 2 Rd-No. 3 Rd)	Signal co-ordination with installation of video-detection traffic cameras	\$183,000
Total		\$357,000

#### 3. Proposed 2013 ICBC-City of Richmond Road Improvement Projects

**Attachment 1** identifies a range of projects proposed for submission to the 2013 *Road Improvement Program* for funding contribution from ICBC that would provide benefits for all road users (i.e., motorists, cyclists, pedestrians, transit users). The implementation of these projects, as well as any additional projects identified prior to ICBC's deadline in May 2013, will be subject to review by and cost-sharing with ICBC.

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 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 2014 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 and the 2013 Capital Plan and 5-Year (2013-2017) Financial Plan be amended accordingly to reflect the receipt of external grants.

### **Financial Impact**

None.

The funding sources for the City's portion of the costs of the projects have been previously approved or endorsed by Council as indicated in Attachment 1 to this report. Several of the identified projects have additional external grants either approved or pending approval from other agencies such as TransLink.

### **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 Richmond. Therefore, staff recommend that Council endorse the various local road safety improvement projects for submission to the 2013 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.



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## Proposed 2013 City-ICBC Road Improvement Projects

Proposed 2013 ICBC-City of Richmond Road Improvement Program Projects <sup>(1)</sup>	Estimated Total Cost	Source of City Funds <sup>(2)</sup>	External Agency Funding
Upgrade of existing pedestrian signal to full traffic signal: • No. 2 Road-Woodwards Road • No. 4 Road-Odlin Road	\$270,000	\$270,000 2013 Traffic Signal Program	-
Installation of left-turn arrows: • EB No. 4 Road-Alderbridge Way • NB Garden City Road-Cook Road • WB No. 3 Road-Cook Road	\$54,000	\$54,000 2013 Traffic Signal Program (\$30,000) 2012 Traffic Signal Installation Program (\$24,000)	\$27,000 TransLink (pending)
Intersection Cameras: various intersections along a selected corridor	\$100,000	\$100,000 2013 Traffic Signal Program	-
Installation of traffic calming measures (speed humps) in school zones <sup>(3)</sup> : • Tweedsmuir Ave • 2 <sup>nd</sup> Ave • Maddocks Road • Georgia St • Ryan Road	\$35,000	\$35,000 2013 Neighbourhood Traffic Safety Program	-
Installation of flashing school zone warning sign: Moresby Dr	\$30,000	\$30,000 2013 Neighbourhood Traffic Safety Program	-
Installation of special crosswalks: • Francis Road-Ash Street • Francis Road-St Albans Road • No. 4 Road-Dayton Avenue • Williams Road-Dunoon Drive • Garden City Road-General Currie Rd • Other locations to be determined	\$55,000 \$45,000 \$50,000 \$62,000 \$60,000	\$272,000 2012 Arterial Crosswalk Program (\$60,000) 2012 Misc Intersection Improvements (\$60,000) 2013 Crosswalk Improvement Program (\$98,500) Developer Contribution (\$26,000)	\$27,500 TransLink (confirmed) \$50,000 TransLink (pending)
Extension of Lansdowne Road: Minoru Blvd-Alderbridge Way	\$3,000,000	\$3,000,000 2012-2013 Capital Project	-
Westminster Hwy (Gilley Road-Fraserside Gate): minor shoulder widening to create walkway separated by extruded curb	\$180,000	\$90,000 2010 & 2011 Misc Intersection Improvements Program	\$90,000 TransLink (confirmed)
Westminster Hwy (Fraserside Gate-Smith Cr): minor shoulder widening to create walkway separated by extruded curb	\$160,000	\$102,500 2009 Misc Intersection Improvements (\$55,000) 2009 Neighbourhood Traffic Safety Program (\$33,000) 2012 Sidewalk Expansion Program (\$14,500)	\$57,500 TransLink (confirmed)
No. 1 Road-Moncton St: installation of dynamic no-right-turn-on-red signage	\$16,000	\$16,000 2013 Traffic Signal Program	-
Westminster Hwy (No. 6 Rd-No. 8 Rd): removal of bollards from off-street pathway	\$30,000	\$30,000 2013 Active Transportation Improvement Program	-
Parkside Neighbourhood Bike Route: paved pathway connection on Granville Ave between Ash St and Garden City Park	\$90,000	\$45,000 2012 Cycling Network Expansion Program	\$45,000 TransLink (confirmed)
Garden City Road-Alderbridge Way: delineation of bike lanes with green paint	\$60,000	\$60,000 2013 Active Transportation Improvement Program	-
Ash Street (Williams Road-Walter Lee School): construction of neighbourhood pathway	\$250,000	\$250,000 2013 Capital Project (\$175,000) 2013 Pedestrian and Roadway Improvement Program (\$75,000)	-
Bus stop upgrade and construction of connecting sidewalk/pathway: • Cessna Dr-Russ Baker Way • Westminster Hwy-Highway 91 • Westminster Hwy-No. 8 Road • Railway Ave-Woodwards Road • Other locations to be determined	\$139,100	\$139,100 2013 Pedestrian & Roadway Improvement Program (\$106,000) 2012 Neighbourhood Traffic Safety Program (\$33,100)	\$69,550 TransLink (pending)

(1) Some projects that were originally submitted to the 2012 Program are being re-submitted to the 2013 Program as they were not initiated and/or substantially completed in 2012.

(2) Should the submitted project receive funding from ICBC, the City's portion of the total cost would be reduced accordingly.

(3) Implementation is subject to consultation with and support from affected residents.