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**To:** Public Works and Transportation Committee      **Date:** November 1, 2002  
**From:** Gordon Chan, P. Eng.  
Director, Transportation      **File:** 0150-20-ICBC1-01  
**Re:** **ICBC/CITY OF RICHMOND ROAD SAFETY IMPROVEMENT PROGRAM -  
PROPOSED PROJECTS FOR 2003**

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**Staff Recommendation**

That the list of proposed road safety improvement projects potentially eligible for funding contributions from the ICBC 2003 *Road Safety Improvement Program*, as described in the attached report, be endorsed.

Gordon Chan, P. Eng.  
Director, Transportation

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<b>CONCURRENCE OF GENERAL MANAGER</b>
<i>T. Crowe (D. McLellan)</i>

## Staff Report

### Origin

At the April 9, 2001 regular Council meeting, Council endorsed a number of proposed joint ICBC/City of Richmond road safety improvement studies for 2001/2002 and directed staff to report back on the status of ICBC funding contributions towards any eligible projects arising from these studies. This report summarizes the projects implemented in 2002 with funding from ICBC and presents a list of projects proposed to be implemented with funding contributions from ICBC as part of the ICBC / City of Richmond 2002/2003 *Road Safety Improvement Program* partnership.

### Analysis

#### 1. Partnership with ICBC on Road Safety Improvement Program

The City has been in partnership with ICBC in the *Road Safety 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 the road safety improvement projects.

Each year, a list of potential projects is developed for inclusion in the *Road Safety 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 Blundell Road and No. 2 Road intersection improvements, the installation and upgrading of pedestrian crosswalks, the system-wide upgrade of various traffic signs and other traffic safety education and enforcement initiatives.

#### 2. 2002 ICBC / City of Richmond Road Safety Improvement Projects

The following projects were implemented in 2002 with funding contributions from the ICBC / City *Road Safety Improvement Program*:

- River Road/Hollybridge Way Crosswalk – installation of a new enhanced crosswalk on River Road at Hollybridge Way with overhead lighting and pedestrian-actuated amber flashers;
- Williams Road Bike Route – creation of designated bike lanes on Williams Road from No. 1 Road to the west dyke to complete the Williams Road Bike Route;
- Traffic Signal Upgrades – upgrade of signal visibility at four intersections on Sea Island; and
- Left-Turn Signals – installation of new left-turn signals at seven intersections in the city.

ICBC funding contributions towards these projects amounted to \$219,300 with the balance funded from the approved 2002 Major Capital Works Program.

#### 3. Proposed 2003 ICBC / City of Richmond Road Safety Improvement Projects

The table below identifies a number of projects proposed for submission to the 2003 *Road Safety Improvement Program* for funding contribution from ICBC. The implementation of some of

these projects will be subject to land availability, further safety reviews by ICBC and funding approval by Council on the City's 2003 Major Capital Works Program.

### Proposed 2003 ICBC / City of Richmond Road Safety Improvement Program Projects

Program	Project	Estimated Cost & Source of Funding	
		2002 MCWP (Approved)	2003 MCWP (Pending)
Arterial Road Crosswalk Upgrades	Westminster Highway / Smith Crescent		\$35,000
	No.2 Road / Colville Road	\$35,000	
	Steveston Highway / Lassam Road		\$35,000
	Blundell Road / Cheviot Place		\$35,000
	Westminster Highway / Riverdale Drive		\$35,000
	No. 6 Road / Commerce Parkway		\$35,000
	<b>Subtotal</b>	<b>\$35,000</b>	<b>\$175,000</b>
Road Safety Improvements	Nelson Road Widening – Westminster Highway to Blundell Road		\$750,000
	Blundell Road Rehabilitation – No. 4 Road to Shell Road		\$250,000
	Garden City Road / Leslie Road Intersection Improvements		\$50,000
	<b>Subtotal</b>		<b>\$1,050,000</b>
Bicycle Lane Program	Westminster Highway Bike Route – No. 7 Road to No. 8 Road		\$277,500
	<b>Subtotal</b>		<b>\$277,500</b>
Sidewalk Program	Minoru Boulevard – Elmbridge Way to Lansdowne Road		\$30,000
	Alderbridge Way – Cedarbridge Way to Elmbridge Way		\$125,000
	No. 3 Road (west side) – north of Cambie Road	\$100,000	
	<b>Subtotal</b>	<b>\$100,000</b>	<b>\$155,000</b>
Neighbourhood Traffic Safety Program	Georgia Street Walkway – No. 1 Rd to 2 <sup>nd</sup> Ave	\$34,000	
	Odlin Road Walkway – Garden City Road to No. 4 Road		\$80,000
	Finn Rd Traffic Calming – Centre Medians		\$37,000
	Saunders Rd Traffic Calming – Traffic Circles		\$35,000
	River Road (17,000-block) Traffic Calming		\$30,000
	Barnard Dr Traffic Calming – Traffic Circles, Medians, Curb Ext.		\$100,000
	McNeely Drive Traffic Calming – Curb Ext.	\$15,000	
	Kingfisher Drive Traffic Calming – Curb Ext.	\$54,000	
	Moncton Street Traffic Calming – Curb Ext.	\$30,000	
	Pacemore Ave Walkway – No. 1 Rd to Elsmore Ave		\$75,000
	Albion Road Traffic Calming – Centre Medians	\$18,000	
<b>Subtotal</b>	<b>\$151,000</b>	<b>\$357,000</b>	
Traffic Signal Installation Program	MoT Signals – Safety Enhancements		\$280,000
	Traffic Signal Enhancements – Left-Turn Arrows, etc.		\$115,000
	Westminster Hwy / No. 8 Road – Pedestrian/Cyclist-Actuated Signal		\$60,800
	<b>Subtotal</b>		<b>\$455,800</b>
	<b>TOTAL</b>	<b>\$286,000</b>	<b>\$2,470,300</b>

Note: MCWP = Major Capital Works Program

**Financial Impact**

ICBC is currently reviewing the proposed list of 2003 projects for funding eligibility. The proposed funding source for the City's portion of the costs of uncommitted projects is the 2003 Major Capital Work Program, which is subject to the approval of Council.

**Conclusion**

ICBC is one of the most significant partners 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. Current road safety projects partially funded with contributions from the 2002 *Road Safety Improvement Program* include the provision of bike lanes on Williams Road west of No. 1 Road, traffic signal enhancements and the installation of a new enhanced crosswalk on River Road at Hollybridge Way, which provides a safer access for pedestrians to the dyke trail system. Staff therefore recommend that Council endorse the various local road, pedestrian, cycling and traffic signal improvements proposed for the 2003 joint ICBC/City *Road Safety Improvement Program*, with the projects to be considered as part of the 2003 capital budget process.



Jean Caravan  
Transportation Planner