



City of Richmond

Report to Committee

To: Public Works and Transportation Committee **Date:** February 5, 2004
From: Gordon Chan, P. Eng.
Director, Transportation **File:** 0150-20-ICBC1-01
Re: **ICBC/CITY OF RICHMOND ROAD SAFETY IMPROVEMENT PROGRAM –
PROPOSED PROJECTS FOR 2004**

Staff Recommendation

That the list of proposed road safety improvement projects potentially eligible for funding contributions from the ICBC 2004 *Road Safety Improvement Program*, as described in the attached report, be endorsed.

Gordon Chan, P. Eng.
Director, Transportation

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CONCURRENCE OF GENERAL MANAGER

Staff Report

Origin

At the November 25, 2002 regular Council meeting, Council endorsed a number of proposed joint ICBC/City of Richmond road safety improvement projects for 2003. This report summarizes the projects implemented in 2003 with funding from ICBC and presents a list of projects proposed to be implemented with funding contributions from ICBC as part of the 2004 ICBC / City of Richmond *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 these 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 completion of the Williams Road Bike Route from No. 1 Road to the west dyke, Blundell Road and No. 2 Road intersection improvements, system-wide upgrade of traffic signs, installation and upgrading of pedestrian crosswalks, installation of new left-turn arrows at a number of intersections, and other traffic safety education initiatives.

2. 2002/2003 ICBC / City of Richmond Road Safety Improvement Projects

The following projects were implemented in 2003 with funding contributions from the 2002/2003 ICBC / City *Road Safety Improvement Program*:

- Left-Turn Signals & Arrows – installation of new left-turn signals at eight intersections including four intersections along Steveston Highway (No. 2 Road, Gilbert Road, No. 3 Road, and Shell Road) and new left-turn arrows at No. 2 Road/Francis Road;
- Intersection Improvements – installation of a new traffic signal at Hazelbridge Way and Leslie Road and the upgrade of the existing traffic signals at Bridgeport Road/Simpson Road and No. 2 Road/Williams Road;
- Blundell Road Improvements – rehabilitation of Blundell Road surface between No. 4 Road and Shell Road;
- Garden City Road Extension – construction of extension of Garden City Road from Sea Island Way to Bridgeport Road; and
- Pavement Delineation – installation of pavement lane markings on Hazelbridge Way and Cooney Road to improve delineation of the travel lanes.

ICBC funding contributions towards these projects amounted to \$222,000 with the balance funded from the approved 2002 and 2003 Major Capital Works Programs. ICBC estimates its annual claims cost savings as a result of these projects at \$343,700.

3. Proposed 2004 ICBC / City of Richmond Road Safety Improvement Projects

The table below identifies a number of projects proposed for submission to the 2004 *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 2004 Major Capital Works Program.

Proposed 2004 ICBC / City of Richmond Road Safety Improvement Program Projects

Project	Total Estimated Cost
18,600-block Westminster Hwy – left-turn lane & sightline improvements	\$125,000
Railway Ave / Moncton St – intersection improvements	\$50,000
Dyke Rd / London Rd – road delineators	\$300
No. 2 Rd / Granville Ave – anti-skid treatment	\$25,000
No. 2 Rd / Blundell Rd – centre median	\$15,000
11,000-block Railway Ave – curb extensions	\$7,500
Westminster Hwy (Cooney Rd to Buswell Rd) – centre median	\$4,400
TOTAL	\$227,200

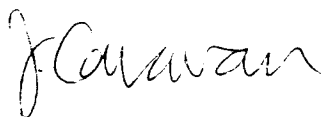
ICBC's potential funding contribution to these projects will be determined by historical traffic accident rates at these locations and the estimated reduction in ICBC claim costs resulting from the proposed traffic safety improvements.

Financial Impact

The proposed funding source for the City's portion of the costs of the projects is the 2004 Major Capital Works Program, which is subject to the approval of Council.

Conclusion

ICBC is a significant 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. Road safety projects partially funded with contributions from the 2002/2003 *Road Safety Improvement Program* include the rehabilitation of Blundell Road between No. 4 Road and Shell Road, pavement markings on Hazelbridge Way and Cooney to improve delineation of the travel lanes and traffic signal enhancements and intersection improvements at a number of locations. Staff therefore recommend that Council endorse the various local road safety improvements proposed for the 2004 joint ICBC/ City *Road Safety Improvement Program*, with the projects to be considered as part of the 2004 capital budget process.



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