



CITY OF RICHMOND

REPORT TO COMMITTEE

TO: Public Works and Transportation Committee
FROM: Gordon Chan, P. Eng.
Manager, Transportation
RE: **CITY OF RICHMOND / ICBC ROAD SAFETY IMPROVEMENT PROGRAM —
2000/2001 RECOMMENDED PROJECTS AND FUTURE PROJECTS**

To Audit - January 3, 2001
DATE: November 23, 2000
FILE: XR: 1080-01
6450-09

STAFF RECOMMENDATION

1. That the on-going partnership and significant financial support from ICBC to enhance traffic safety in Richmond through the Road Safety Improvement Program be formally recognized and acknowledged by Council.
2. That the various traffic safety improvement projects, as described in the attached report, be endorsed in principle and that these projects be considered as part of the Capital Budget process.

Gordon Chan, P. Eng.
Manager, Transportation

FOR ORIGINATING DIVISION USE ONLY
CONCURRENCE OF GENERAL MANAGER

STAFF REPORT

ORIGIN

Over the past few years, the City has worked closely with a number of agencies and community groups to develop and implement measures aimed at enhancing traffic safety in Richmond. The overall traffic safety enhancement program includes various joint initiatives with provincial and regional agencies as well as local stakeholder groups such as the Traffic Safety Advisory Committee (TSAC), which has representatives from the community including parents of students, Speed Watch, school officials, law enforcement officers, etc.

The Insurance Corporation of British Columbia (ICBC) is one of the most significant partners working with the City to promote traffic safety in Richmond. The City's on-going partnership with ICBC is a vital component of the City's traffic safety program. This partnership 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.

The purpose of this report is to seek Council's formal recognition and acknowledgement of the City's valuable on-going collaboration with ICBC on road safety improvement projects. This report also presents a list of projects proposed to be implemented as part of the 2000/2001 Road Safety Improvement Program and potential projects to be implemented in the future with committed funding contribution from ICBC.

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. The primary goal of this program is to make streets safer for all road users in Richmond. The overall benefits of the partnership are fewer traffic accidents (therefore reduced incidents of personal injuries and property damage), a safer road and traffic system for Richmond residents and the opportunity for the City to "stretch" its transportation investment dollars to implement more traffic safety improvement projects sooner.

Each year, the City undertakes a joint traffic safety study with ICBC consultants to audit problem locations and corridors. Based on the results of the study and input from TSAC and other stakeholders, a list of potential projects is then developed for inclusion in the Road Safety Improvement Program. 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 numerous traffic signals, the system-wide upgrade of various traffic signs and other traffic safety education and enforcement initiatives.

2. 2000/2001 Joint City of Richmond / ICBC Road Safety Improvement Projects

A total of eight projects have been identified to be implemented in the 2000/2001 fiscal year as part of the current City / ICBC Road Safety Improvement Program. These projects are either already completed or scheduled to be completed in 2001. The projects include various traffic safety enhancements and signal upgrades, and have been selected based on recommendations from previous joint City / ICBC Traffic Operations Reviews or traffic studies. Table 1 lists the projects identified for 2000/2001.

Table 1 – 2000/2001 Road Safety Improvement Projects

Road Safety Improvement Projects	Funding Source
<i>No. 1 Road/Moncton Street – Full signal installation</i>	<i>To be considered as part of 2001 Capital Program</i>
<i>Sidaway Road/Blundell Road – Flashing red beacon installation</i>	<i>2000 Capital Program</i>
<i>Cooney Road/Lansdowne Road – Signal visibility upgrade</i>	<i>ICBC</i>
<i>Westminster Highway/McCallan Road – Pedestrian crosswalk installation</i>	<i>ICBC</i>
<i>No. 4 Road/Cambie Road – Northbound and southbound left-turn arrows</i>	<i>ICBC</i>
<i>No. 6 Road/River Road – Road markings and delineation upgrade</i>	<i>ICBC</i>
<i>General Currie Road and Jones Road – Traffic calming measures</i>	<i>2000 Capital Program</i>
<i>School zone signs – System-wide upgrade</i>	<i>ICBC</i>

Potential ICBC funding contributions amount to \$240,000, including 100% funding for five of the above listed projects. The remaining three projects will require joint funding from the City. Potential funding sources for the City are the 2000 Capital Program and the 2001 Capital Program. (The latter is subject to final adoption by Council).

3. Future Joint City / ICBC Road Safety Improvement Projects

Table 2 identifies eight additional projects proposed for inclusion in future initiatives of the Road Safety Improvement Program. ICBC has already committed to contributing \$325,000 towards these projects. The implementation of each project will be subject to land availability, further feasibility evaluation by staff and funding approval by Council on the City's Capital Program in the coming years.

Table 2 – Future Road Safety Improvement Projects

Road Safety Improvement Projects	Funding Sources
<i>Cambie Road/Sexsmith Road – Full signal installation</i>	<i>To be considered as part of 2001 Capital Program</i>
<i>Minoru Boulevard/Blundell Road – Pedestrian signal installation</i>	<i>To be considered as part of 2001 Capital Program</i>
<i>Bridgeport Road/Sweden Way – Phase 1 (signal upgrade)</i>	<i>To be considered as part of 2001 Capital Program</i>
<i>Garden City Road/Odlin Road – Full signal installation</i>	<i>To be considered as part of 2002 Capital Program</i>
<i>Westminster Highway – Pedestrian signal between No. 3 Road and Minoru Boulevard</i>	<i>To be considered as part of 2002 Capital Program</i>
<i>Bridgeport Road/Sweden Way – Phase 2 (construct turning lane)</i>	<i>To be considered as part of 2001 Capital Program</i>
<i>Alderbridge Way between Hazelbridge Way and Garden City Road – Sidewalk construction</i>	<i>To be considered as part of 2001 Capital Program</i>
<i>Minoru Boulevard between Elmbridge Way and Alderbridge Way – Sidewalk construction</i>	<i>To be considered as part of 2002 Capital Program</i>

It is also proposed that the Garden City Road Extension Project and a comprehensive program to upgrade all crosswalks on major arterial roads be submitted to ICBC for further study in order to determine the feasibility of a funding contribution through the Road Safety Improvement Program.

FINANCIAL IMPACT

ICBC has already committed to contributing a maximum of \$240,000 and \$325,000 towards the road safety improvement projects identified for the 2000/2001 and 2001/2002 Road Safety Improvement Programs respectively. Potential funding sources for the City's portion of the costs are the 2000 Capital Program and the 2001 Capital Program. (The latter is subject to the approval of Council).

CONCLUSION

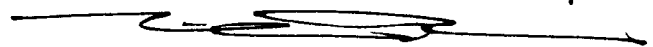
The on-going joint partnership of the City of Richmond and ICBC in the Road Safety Improvement Program enables the City not only to undertake more traffic safety enhancements than it could alone but also to expedite the implementation of numerous road and traffic safety improvement projects. The traffic 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.

A total of eight projects are proposed for inclusion in this year's program. ICBC has committed to a maximum contribution of \$240,000 towards these projects. A further eight projects are recommended for inclusion in future initiatives of the ICBC Road Safety Improvement Program. ICBC has committed to contributing up to \$325,000 towards these projects. In addition, the Garden City Road Extension Project and a comprehensive program to upgrade all crosswalks on major arterial roads will also be submitted to ICBC for possible inclusion in a future joint City / ICBC Road Safety Improvement Program.

In recognition of the significant contribution of ICBC to the improvement of traffic safety in the City, staff recommend that Council formally acknowledge the continual financial support of ICBC. Staff further recommend that Council endorse the various local road and traffic signal improvements identified in the 2000/2001 joint City / ICBC Road Safety Improvement Program, with the projects to be considered as part of the Capital Budget process.



Mimi Sukhdeo, P. Eng.
Transportation Engineer



Victor Wei, P.Eng.
Senior Transportation Engineer

MS:lce