

CITY OF BURNABY

TRANSPORTATION COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**SUBJECT: 2005 TRANSLINK BICYCLE INFRASTRUCTURE CAPITAL COST
SHARING PROGRAM (BICCS): BURNABY APPLICATION**

RECOMMENDATIONS:

1. THAT Council approve the projects outlined in Sections 2.0 and 3.0 of this report for application to TransLink for cost sharing under the 2005 Bicycle Infrastructure Capital Cost Sharing program.
2. THAT Council forward a copy of this report to G. Davidson, Program Manager Alternative Transportation, TransLink, 1700-4720 Kingsway, Burnaby, B.C., V5H 4N2.

REPORT

The Transportation Committee, at its meeting held on 2004 September 08, received and adopted the *attached* report seeking approval to submit bicycle infrastructure projects for cost sharing as part of the 2005 TransLink Bicycle Infrastructure Capital Cost Sharing program (BICCS).

Respectfully submitted,

Councillor N. Volkow
Chair

Councillor D. Evans
Vice Chair

Councillor L. Rankin
Member

COPY: City Manager
Director Planning and Building
Director Engineering
Director Finance

TO: CHAIR AND MEMBERS
TRANSPORTATION COMMITTEE

2004 September 02

FROM: DIRECTOR PLANNING AND BUILDING

OUR FILE: PL 90400-01

SUBJECT: 2005 TRANSLINK BICYCLE INFRASTRUCTURE CAPITAL COST SHARING PROGRAM (BICCS): BURNABY APPLICATION

PURPOSE: To seek approval to submit bicycle infrastructure projects for cost sharing as part of the 2005 TransLink Bicycle Infrastructure Capital Cost Sharing Program (BICCS).

RECOMMENDATIONS:

1. **THAT** Council approve the projects outlined in Sections 2.0 and 3.0 of this report for application to TransLink for cost sharing under the 2005 Bicycle Infrastructure Capital Cost Sharing program.
2. **THAT** a copy of this report be forwarded to G. Davidson, Program Manager Alternative Transportation, TransLink, 1700 - 4720 Kingsway, Burnaby, B.C. V5H 4N2.

REPORT

1.0 BACKGROUND

The City is continuing its provision of cycling infrastructure as identified in the Urban Trail, Cycle Road, and Bikeway plans approved by Council in the Burnaby Transportation Plan. These networks have been coordinated with each other to ensure that a complete system of widened streets, local roads and multi-use paths will eventually encompass the entire City to facilitate alternative forms of transportation and recreation.

To encourage the development of municipal cycling infrastructure, TransLink provides up to 50% cost-sharing for eligible projects under their Bicycle Infrastructure Capital Cost Sharing (BICCS) program. The program has two components:

- **Block Allocation** - funding distributed to municipalities in proportion to their population. Of the \$1.7 million available region-wide for 2005, Burnaby's allotted share is \$169,367.
- **Regional Priority** - a common pool of funding that is assigned to projects anywhere in the region, on the basis of project merit. The total Regional Priority fund for 2005

is \$850,000. Burnaby has been very successful in this category in the past, with three projects totalling \$465,000 of Regional Priority funds approved for 2004.

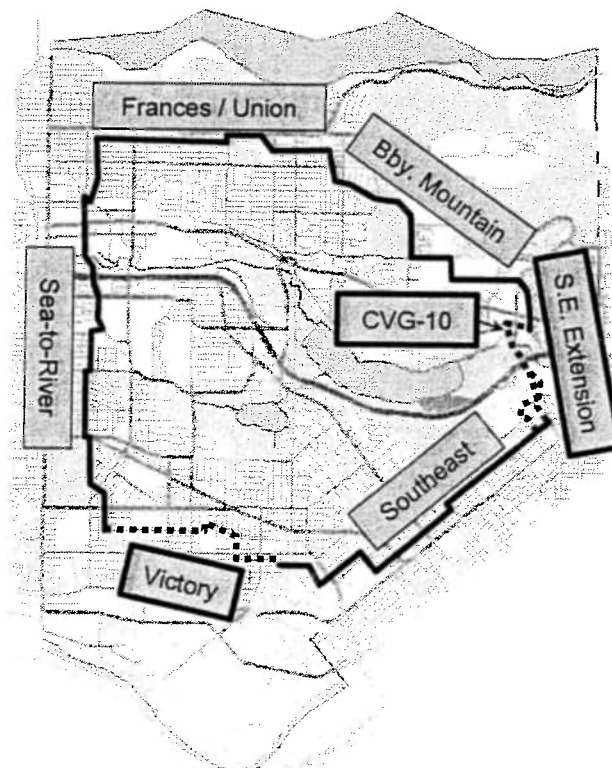
As the deadline for BICCS applications is 2004 September 24, it is necessary for the City to make application now to allow sufficient time for review by the various TransLink committees and consideration by the TransLink Board in December. This report describes Block Allocation and Regional Priority projects proposed for submission to TransLink for 2005 BICCS funding.

1.1 Burnaby Bikeway Circuit

Of the projects described in the following sections, three are inter-connected. These are the Victory Bikeway, Southeast Bikeway Extension, and Central Valley Greenway (Section 10). They form part of the proposed Burnaby Bikeway Circuit.

As illustrated in **Figure 1**, the Burnaby Bikeway Circuit will provide a complete loop around the City, passing through all four town centres in the process and providing safe crossings of the Trans-Canada Highway - a major barrier to cycling in Burnaby. It will consist primarily of Bikeways, with sections of Urban Trail filling in gaps where the road network would not support a Bikeway.

Figure 1: Burnaby Bikeway Circuit



The concept is consistent with a proposal originating from the 2004 January 14 Transportation Committee meeting that the City develop a continuous cycling loop for recreational and tourism use. However, it also provides important new links for more functional trips, such as commuting, school trips, and shopping. The Burnaby Bike Circuit addresses one of the most common complaints about the emerging Burnaby bike network; that it is somewhat still fragmented, consisting of short sections that are not inter-connected. This makes it difficult to undertake longer-distance trips. Completion of the Circuit will extend cycling facilities into new areas, and in the process link up some of our existing sections, thereby improving network continuity. The new sections also provide facilities of local benefit to the areas that they pass through.

The majority of the Burnaby Bikeway Circuit exists or is under construction today, requiring only the three remaining elements to complete it. The Southeast Extension is covered under the Regional Priority application, while the other two are discussed under the Block Allocation, below.

2.0 APPLICATION FOR 2005 BLOCK ALLOCATION FUNDS

Proposed projects for the 2005 Block Allocation portion of the BICCS program are:

1. **Victory Bikeway - Phase 1.** As noted above, the Victory Bikeway is one of the missing elements of the Burnaby Bikeway Circuit. Shown in *Figure 2*, it passes through the South Slope area, from Patterson Avenue to Ron McLean Park. The route generally follows Victory, Beresford, Buller, and Neville. It passes within two blocks of three elementary schools and Burnaby South Secondary School. The project would be built in two phases, in 2005 and 2006 respectively. The total project cost is estimated at \$270,000, of which \$169,000 is for Phase 1. The current application is only for Phase 1. Total Phase 1 cost \$169,000; TransLink share \$84,500; Burnaby share \$84,500. The Phase 2 work to complete the balance of the Victory Bikeway would be subject of our 2006 Block Allocation funding.
2. **Central Valley Greenway, Section 10.** The City is proposing to construct the Central Valley Greenway (CVG) with financial assistance from the Federal Government and TransLink under the Urban Transportation Showcase Program. Only new projects are eligible under the Showcase Program. Prior to the Showcase Program, the City had already pledged to build Section 10 (see *Figure 3*) as part of the Lake City Interceptor Agreement. This made Section 10 ineligible under the Showcase Program, but still eligible under BICCS. The total project cost for BICCS purposes is \$481,000. This excludes \$109,000 of boulevard landscaping, which is ineligible under the BICCS criteria.

In 2004, the City applied for and received 32% or \$156,000 of the \$481,000 BICCS-eligible project costs. To raise this to 50% would require an additional \$84,500 in 2005 BICCS funding. Total eligible cost for 2005 BICCS \$169,000; TransLink share \$84,500; Burnaby share \$84,500.

Figure 2: Victory Bikeway

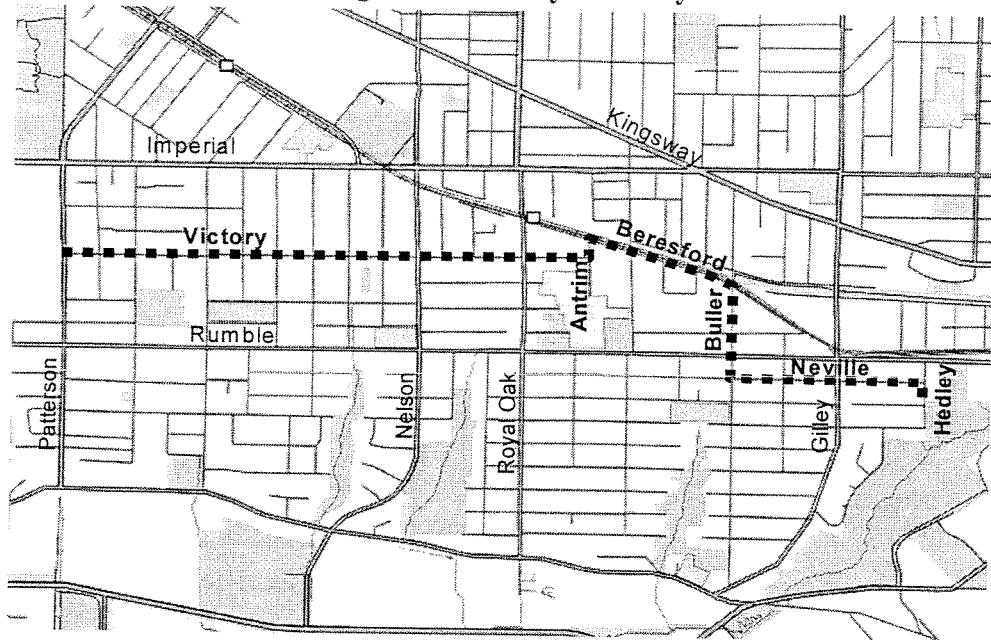
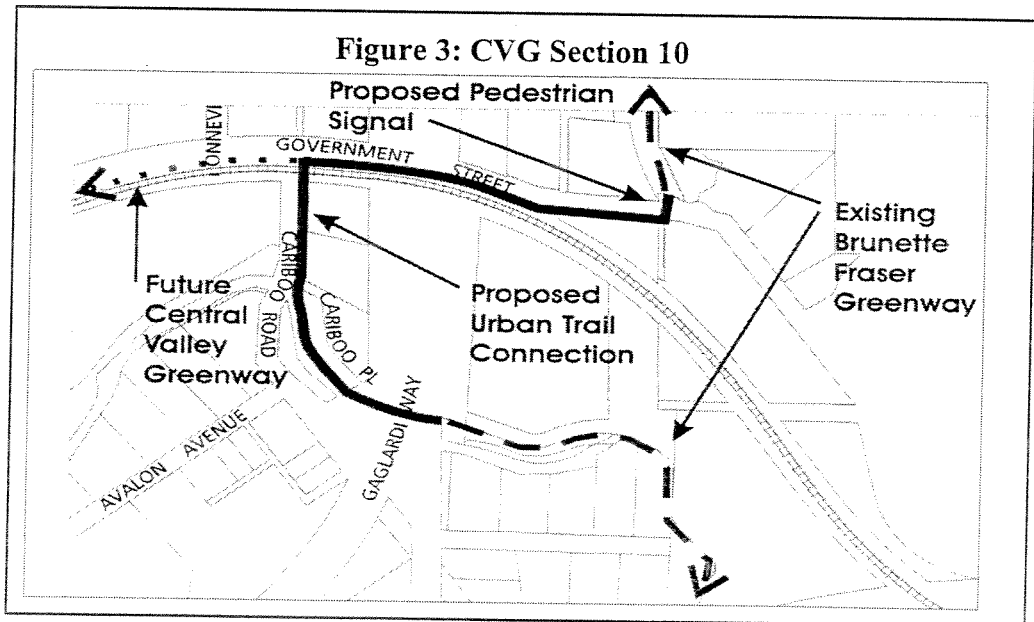


Figure 3: CVG Section 10

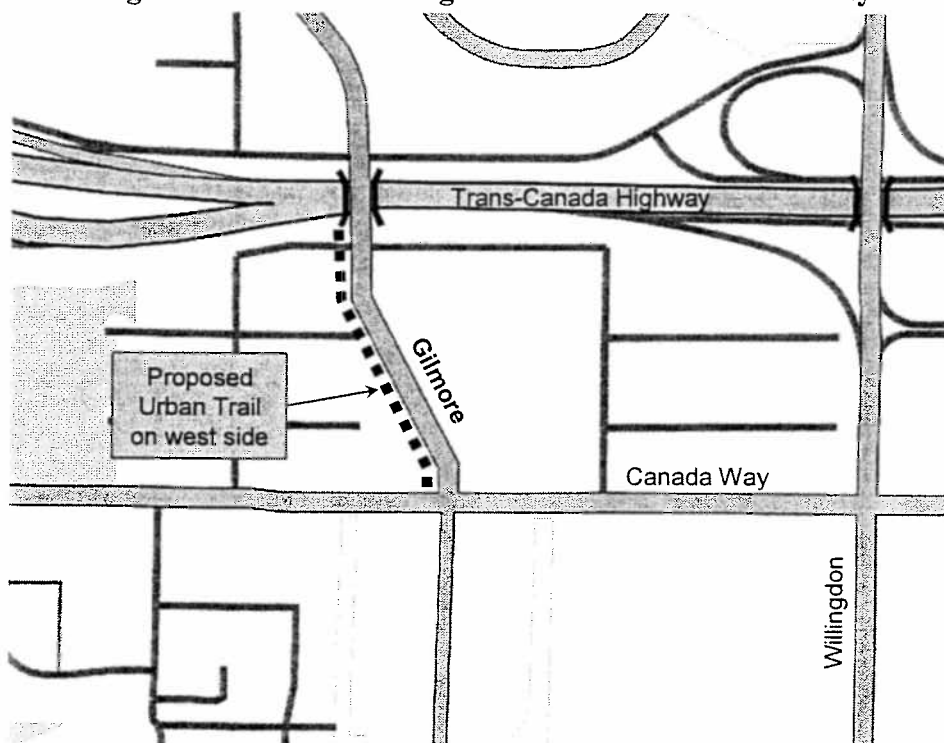


3.0 APPLICATION FOR 2005 REGIONAL PRIORITY FUNDS

Proposed projects for the 2005 Regional Priority portion of the BICCS program are:

1. **Sea-to-River Bikeway.** This Bikeway in the Gilmore / Patterson corridor has been approved by Council and is presently under construction. It was partially funded by a successful BICCS application for 2004. However, that application was only for those elements that were scheduled to be constructed in 2004. The current application is for the one remaining element, scheduled for 2005. This consists of a section of Urban Trail on Gilmore Diversion from Trans-Canada Highway to Canada Way, shown in *Figure 4*. Total cost \$191,000; TransLink share \$95,500; Burnaby share \$95,500.

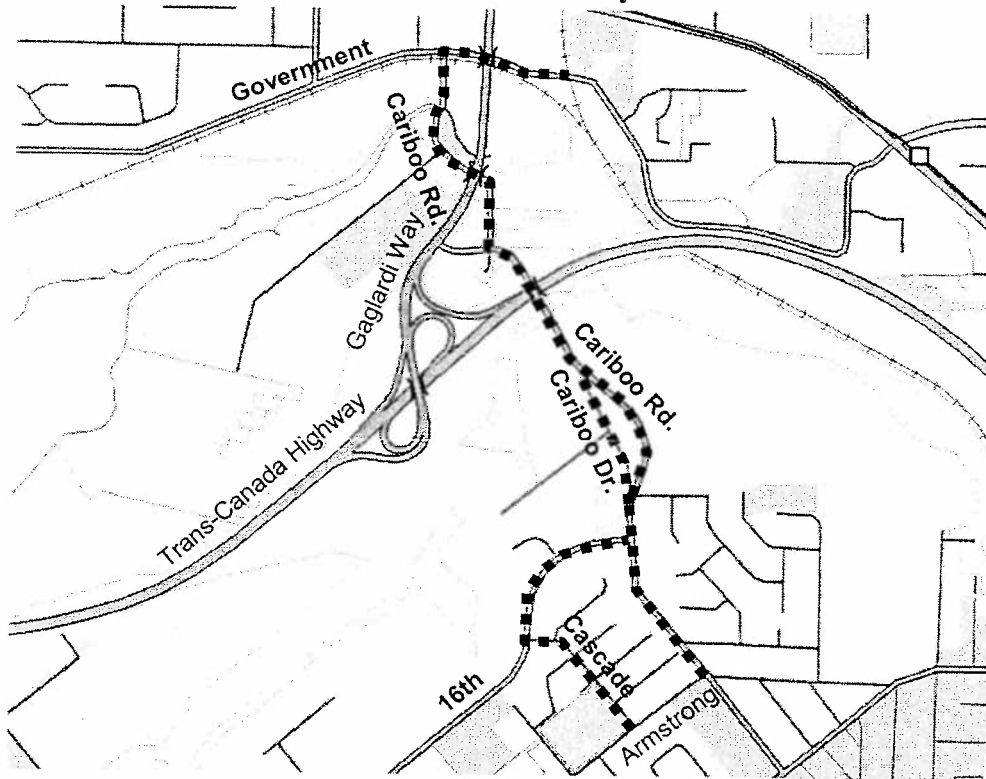
Figure 3: Urban Trail Segment on Sea-to-River Bikeway



2. **Southeast Bikeway Extension.** As shown in *Figure 5*, this project will extend the Southeast Bikeway northward to provide a new bicycle crossing of the Trans-Canada Highway. This project continues our effort to overcome the primary cycling obstacle in Burnaby, namely the freeway. Through on-street improvements coupled with strategic Urban Trail segments, this project will extend the Southeast Bikeway to the Burnaby Mountain Urban Trail, from whence access to Lougheed Town Centre and Simon Fraser University is possible. The alignment is generally via Cascade, 16th, Cariboo Drive, Cariboo Road, and Government. For cyclists more comfortable in

traffic and seeking a more direct route, there would also be a bike lane in the downhill (northbound) direction only on Cariboo Road from Armstrong Avenue to Cariboo Drive. Total cost \$300,000; TransLink share \$150,000; Burnaby share \$150,000.

Figure 4: Southeast Bikeway Extension



4.0 FINANCE

The following tables summarize the proposed application under the 2005 Block Allocation and Regional Priority Funds, respectively.

Table 1: Application for Block Allocation Funds

Project	Total Amount	TransLink Share	Burnaby Share
Victory Bikeway	169,000	84,500	84,500
Central Valley Greenway, Section 10	169,000	84,500	84,500
Total	338,000	169,000	169,000

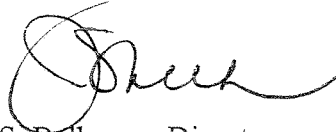
Table 2: Application for Regional Priority Funds

Project	Total Amount	TransLink Share	Burnaby Share
Sea-to-River Bikeway	191,000	95,500	95,500
Southeast Bikeway Extension	300,000	150,000	150,000
Total	491,000	245,500	245,500

It is expected that TransLink's decision on this application will be known prior to the completion of our 2005 Capital Budget process, and can, thus, inform that process. Depending on City budgetary constraints, some of the above projects may be implemented over a two-year period. However, based on the current 2004-2008 Annual Capital Program there would be adequate resources to cover the City's share.

5.0 CONCLUSION

This report has identified projects for submission to TransLink for cost-sharing under the 2005 BICCS program. The projects advanced for Council approval and submission to TransLink would result in a total funding of \$414,500 available from the TransLink BICCS program to fund bike route projects in Burnaby. It is recommended that Council approve the submission of these projects as the City's application to TransLink for 2005 BICCS funding.



J.S. Belhouse, Director
PLANNING AND BUILDING

SR/sa/jc

cc: City Manager
Director Engineering
Director Finance

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