



To: Public Works and Transportation Committee      Date: November 14, 2007  
 From: Victor Wei, P. Eng.      File: 01-0150-20-  
        Director, Transportation      THIG1/2007-Vol 01  
 Re: SUBMISSION TO PROVINCIAL 2008/09 CYCLING INFRASTRUCTURE  
 PARTNERSHIP PROGRAM – CYCLING CONNECTIONS TO CANADA LINE  
 BRIDGE

**Staff Recommendation**

1. That the submission for 50/50 cost-sharing to the Province's 2008/09 *Cycling Infrastructure Partnership Program* to provide cycling facilities along Van Horne Way and Charles Street-Smith Street-Beckwith Road to connect with the Canada Line Bridge over the North Arm of the Fraser River, as described in the attached report, be endorsed.
2. That the designation of Smith Street (Charles Street to Beckwith Road) and Beckwith Road (Great Canadian Way to No. 3 Road) as planned cycling routes be added to the City's *On-Street Cycling Network Plan* to support the above bicycle facility improvement submission.
3. That should the above application be successful, the General Manager, Planning and Development, or his delegate, be authorized to execute the funding agreement.

Victor Wei, P. Eng.  
 Director, Transportation  
 (4131)

Att. 1

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ROUTED TO:		CONCURRENCE		CONCURRENCE OF GENERAL MANAGER	
Budgets .....	Y	<input checked="" type="checkbox"/>	N		
Engineering .....	Y	<input checked="" type="checkbox"/>	N		
Parks Design, Construction & Programs ..	Y	<input checked="" type="checkbox"/>	N		
REVIEWED BY TAG	YES	NO	REVIEWED BY CAO	YES	NO
	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Staff Report

### Origin

The Province of BC's *Cycling Infrastructure Partnership Program* (CIPP) is a cost-share program between the province and municipal and regional governments to build new transportation cycling routes to promote cycling as a means of reducing traffic congestion and greenhouse gas emissions. This report recommends that the project to provide cycling facilities on Van Horne Way and Charles Street-Smith Street-Beckwith Road to connect to the Canada Line Bridge be submitted by the City for cost-share funding under the Province's 2008/09 *Cycling Infrastructure Partnership Program*.

### Analysis

#### 1. Project Submission for 2008/09 Cycling Infrastructure Partnership Program

The Canada Line Bridge over the North Arm of the Fraser River will include a dedicated pedestrian-bike facility. The proposed project will provide safe and convenient cycling and pedestrian connections between the bridge and existing facilities in Richmond to support use of this pedestrian-bike facility that, unlike other water crossing structures in the region, is purposefully designed for cyclists and pedestrians rather than vehicles. As the south end of the bridge ramp will touch down and align with Van Horne Way, the following improvements on Van Horne Way and Charles Street-Smith Street-Beckwith Road are proposed (**Attachment 1**):

- *Van Horne Way*: revised pavement markings to create a 1.8-m wide south- and westbound on-street bike lane as well as construction of a 3.0-m wide off-street multi-use pathway on the east side, which would serve as the east- and northbound bike facility and a two-way pedestrian path; and
- *Charles St-Smith St-Beckwith Rd*: as these roads have relatively low traffic volumes, installation of "Share the Road" signage and pavement markings (i.e., bike stencils) is proposed as dedicated bike lanes are not required at this time. This routing will also allow cyclists to avoid the expected heavy volumes of bus traffic accessing the regional bus exchange at Bridgeport Station via River Road and Sexsmith Road. As redevelopment occurs along Beckwith Road, there will be opportunity to add dedicated bike lanes per the updated *City Centre Transportation Plan*.

These improvements would provide cycling connections not only to the Canada Line Bridge but also will link with the existing Bridgeport Trail and bike lanes on Great Canadian Way as well as the planned bike lanes on No. 3 Road. The off-street multi-use pathway on Van Horne Way also provides pedestrian facilities where currently there are none. Construction is anticipated to be undertaken in 2008. Per CIPP requirements, the project must be completed by March 31, 2009.

#### 2. Stakeholder Consultation

The Richmond Community Cycling Committee was consulted in the planning of the recommended Canada Line Bridge cycling connections and will provide further feedback on the detailed design of the facilities as work progresses. The Committee has also provided a letter of support for the project that will be included with the City's application to the 2008/09 CIPP.

### Financial Impact

Under the CIPP, the Province will match municipal or regional contributions to a maximum of \$250,000 per project. The total cost of the Canada Line Bridge Cycling Connections (Van Horne Way and Charles St-Smith St-Beckwith Rd) is estimated at approximately \$265,000. If approved by the Province, the City will receive a maximum of approximately \$132,500 as a cost-share funding grant from the Province's CIPP for the 2008/09 fiscal period.

The City has also submitted the same project for cost-share funding to TransLink's 2007 and 2008 *Bicycle Infrastructure Capital Cost Sharing Program* (BICCS). If approved, the City will receive up to approximately \$132,500 as a 50-50 cost-share funding grant.

The project would only be undertaken if the City is successful in at least one of the cost-share applications. Should the City be successful in receiving cost-share grants from both TransLink (via BICCS) and the Province (via CIPP), the total cost of the project would be split three ways (i.e., \$88,333 per agency). The proposed sources of funding for the maximum City portion of the project cost (estimated at \$132,500) are the 2008 Bicycle Lane Program, Infrastructure Advanced Design (Roads Component) and Conceptual and Preliminary Design (Transportation), which are subject to Council approval as part of the 2008 Capital Budget process.

### Conclusion

Staff recommend submission of the Canada Line Bridge Cycling Connections (Van Horne Way and Charles St-Smith St-Beckwith Rd) to the Province's 2008/09 *Cycling Infrastructure Partnership Program* for cost sharing. This project would connect to and support the use of the dedicated pedestrian-bike facility that is part of the Canada Line Bridge over the North Arm of the Fraser River.



Joan Caravan  
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### Proposed Canada Line Bridge Cycling Connections

