

CITY OF BURNABY

BICYCLE ADVISORY COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

RE: GILMORE AVENUE CORRIDOR BIKEWAY OPTIONS

RECOMMENDATION:

1. **THAT** Council forward a copy of this report to Mr. Thang Vu, 4113 Trinity Street, Burnaby, B.C. V5C 1N9.

R E P O R T

The Bicycle Advisory Committee, at its Open meeting held on 2002 November 28, received and adopted the *attached* report in response to the Bicycle Advisory Committee's request for information regarding bikeway connections along the Gilmore Corridor north of Lougheed Highway.

Respectfully submitted,

Councillor Nancy Harris
Chair

Mayor Doug Drummond
Member

COPY: - CITY MANAGER
- DIR. ENGINEERING
- DIR. PLNG. & BLDG.

City of Burnaby

INTER-OFFICE COMMUNICATION

TO: BICYCLE ADVISORY COMMITTEE **DATE:** 2002 11 27

FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS **FILE:** 55-07-09

SUBJECT: GILMORE AVENUE CORRIDOR BIKEWAY OPTIONS

PURPOSE: To respond to the BAC request for information regarding bikeway connections along the Gilmore Corridor north of Lougheed Highway.

RECOMMENDATION:

1. **THAT** a copy of this report be sent to Mr. Thang Vu, 4113 Trinity Street, Burnaby BC V5C 1N9.

R E P O R T

1.0 INTRODUCTION

At its 2002 October 24 meeting, the Committee received a copy of a Council report that addressed a number of concerns raised in Council's correspondence from Mr. Thang Vu. Arising from discussion of this report, the following motion was adopted:

"THAT staff prepare a report on the options and timelines of a bikeway connection from Lougheed and Gilmore corridor to the Trans Canada Trail and that an estimate of costs be included."

The Committee also requested that this report be on the 2002 November 28 Bicycle Advisory Committee agenda. It was also requested that staff contact Mr. Vu and invite him to attend the November 28 meeting of Bicycle Advisory Committee.

2.0 BACKGROUND

Gilmore is designated as a Major Collector - Primary from Lougheed north to Douglas Road. From Douglas Road northward to Hastings it is designated as Major Collector - Secondary in the Major Road Network hierarchy. North of Hastings, Gilmore serves as a Local Collector for the Burnaby Heights area. Gilmore is also shown as a cycle road south of the Frances/Union Bike Route in the Burnaby Transportation Plan.

Currently, Gilmore presents a number of different standards to users. It is constructed to a "finished" urban standard from Lougheed to Douglas, Napier to Parker, and Pender to Edinburgh. The finished standard includes a curbed roadway with sidewalks and typically street lighting. The unfinished or interim standard segments usually have a 6m paved cap, gravel shoulders and surface drainage.

The finished urban standard portions of Gilmore pre-date the requirements of cycle roads and hence their reconstruction to provide the added width required to meet the current designation must be considered a relatively distant initiative. On the other hand, the sections with interim standard roadways can be provided with added width for cycling at the time of pavement rehabilitation (as in the case of the Parker-Frances section) or reconstruction of the roadway to current urban standard through a Local Improvement Program (LIP). It is noted that LIP is a resident initiated (and cost shared) so it is difficult to predict when changes might occur. There is currently a waiting list for LIPs and none of the unfinished sections on Gilmore have an active LIP request.

3.0 CORRIDOR OPTIONS

The costs for the options discussed below must be regarded as ball park estimates given an absence of design information.

3.1 Urban Trail Along the East Side of Gilmore from Lougheed to Douglas

Budget: \$200,000, based on a 400 metre long trail which does not include land acquisition, road widening or curb and gutter costs.

Time Frame: Will be determined by future adjacent property development north of the Gilmore SkyTrain Station, approximately 5 - 10 years.

3.2 Cycle Road from Lougheed to Hastings

Budget: \$500,000, based on incremental pavement width, which assumes a cost share with adjacent property owners for either road construction costs.

Time Frame: Dependant upon Local Improvement Bylaws, etc. as discussed above. No petitions have been received for this corridor, so the timing is indeterminate. Sections previously constructed to a narrower standard would have to wait for a major capital project for any widening and would not be eligible for cost sharing. No capital projects are scheduled for Gilmore north of Lougheed at this time.

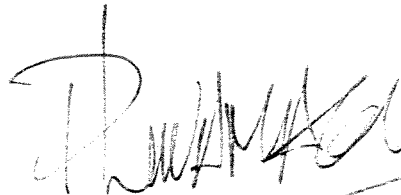
3.3 Bikeway from Douglas Road North to the Trans Canada Trail Along Either McDonald or Carleton

Budget: \$300,000 including one traffic signal crossing at Parker, construction cost for signs, road markings and traffic calming roadworks.

Time Frame: This bikeway was rated as the 6th most important route in the survey behind Midtown; East Burnaby; Deer Lake; Bill Copeland; and Sullivan Heights. If the City builds two routes per year, this route would be constructed in three years.

4.0 DISCUSSION/CONCLUSION

South of Douglas, the urban trail and cycle road on Gilmore Avenue will probably be constructed in conjunction with one another to achieve the most economical construction costs at redevelopment of adjacent properties. North of Douglas, the achievement of a continuous cycle road standard along Gilmore must be considered as a long term objective given the constraints discussed above. Accordingly, it would be pragmatic to pursue the parallel bikeway proposal as an option for improvement to cycling in this important North - South Corridor.



P. Liivamagi, P. Eng.
ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

MDS/PL:

cc: City Manager
Director Planning & Building

Montrose Park

EDINBURGH ST

YALE ST

TRINITY ST

Burnaby Heights Park

4000
McGILL ST

McGill Park

ETON ST

CAMBRIDGE ST

OXFORD ST

DUNDAS ST

TRINITY ST

Gilmore Community School

PANDORA ST

Rosser Elementary School

Eileen Daily Leisure Pool Fitness Centre

ALBERT ST

Confederation Comm. Centre for the Retired

HASTINGS ST

Community Police Station

PENDER ST

Heights Fountain Square

West Sells Park

FRANCES ST

GEORGIA ST

UNION ST

VENABLES ST

NAPIER ST

WILLIAM ST

Fitchner Elem. School

Willingdon Heights Park

CHARLES ST

KITCHENER ST

GRANT ST

GRAVELEY ST

HALIFAX ST

Masonic Cemetery

Beth Israel Cemetery

BUCHANAN ST

1ST AV

2ND AV

BC Gas

LOUGHEED HY

GILMORE AV

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

4100

Trans Canada Trail (Final Completion Year 2000)

Gilmore Ave Cycling Corridor Options

Urban Trail

Cycle Road

Bikeway MacDonald

Bikeway Carleton

