

REPORT
1996 MARCH 25

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

HIS WORSHIP, THE MAYOR
AND COUNCILLORS

A. BEAVERBROOK/AQUARIUS INTERSECTION

RECOMMENDATION:

1. *THAT* Council authorize the existing intersection of Beaverbrook Crescent and Aquarius Drive to be stop controlled and the curblinere configured as described in this report.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 1996 March 05, adopted the attached staff report supporting the installation of a stop sign and reconfiguration of the curblinere at the Beaverbrook Crescent/Aquarius Drive intersection to address traffic and pedestrian safety concerns.

MEMBERS:

Mr. N. Smith
Mr. M. Bloomfield
Mrs. M. Canessa
Mr. E. Fourchalk
Ms. L. Kapp
Mrs. D. Mumford
Mr. D. Ramsbotham
Mr. D. Richardson

Respectfully submitted,

Councillor J. Young
Chairman

Councillor D. Evans
Member

:-COPY - CITY MANAGER
- DIRECTOR ENGINEERING
- DIRECTOR FINANCE

City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE **DATE:** 1996 03 06
FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS **FILE:** 55-13-01
SUBJECT: BEAVERBROOK/AQUARIUS INTERSECTION
PURPOSE: To Respond to Concerns for both Traffic and Child Pedestrian
Safety at this Intersection.

RECOMMENDATION:

1. **THAT** the existing intersection of Beaverbrook Cres. and Aquarius Drive be stop controlled and the curblines reconfigured as described in this report.

REPORT

A representative from the Stoney Creek Elementary School Parent Safety Committee has requested staff to review the existing configuration of the intersection of Beaverbrook Cres. and Aquarius Drive, and the possible dangers faced by pedestrians. Staff have been in contact with the school's principal to discuss the type of traffic related problems being encountered. It was determined that the large expanse of pavement at this intersection, combined with its large radius curves encourage a higher rate of speed, and a tendency to cut corners when turning either in or out of Aquarius Drive onto Beaverbrook Cres.

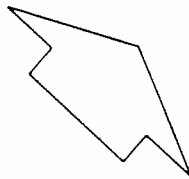
Staff conclude that the best means to resolve this problem would be to reduce the amount of available driving space at the intersection. This could be accomplished by realigning the existing south side curb to create a narrower throat width into Aquarius Drive (diagram #1). The inclusion of a stop sign, stop bar and directional dividing line on Aquarius Drive, would remove any possible confusion of right of way for motorists.

Therefore, staff recommend the installation of a stop sign and the physical modifications on an interim basis using barricades. We will budget for a finished permanent realignment of the curb in the 1997 capital budget if this interim arrangement proves effective.



ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

AE:nh
cc: City Manager



AQUARIUS DR.

PROPOSE
CURB & GUTTER

NEW
STOP SIGN

BEAVERBROOK

35

NO.	DATE	REVISION



DIAGRAM #1
PROPOSED NEW CURB & GUTTER
 BEAVERBROOK & AQUARIUS DR.

DRAWN BY: H.LOUIE	SCALE: N.T.S.	A 380
APPRV'D BY: CDL	DATE: 96-02-09	

