

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

RE: TRUCK TRAFFIC ON GREENWOOD STREET

RECOMMENDATIONS:

1. **THAT** Council approve the installation of a delta island on Greenwood Street at Bainbridge Avenue as illustrated in this report.
2. **THAT** a copy of this report be sent to Mr. Carmine D'Emilio of 7050 Greenwood Street.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 2000 May 02, received and adopted the attached report providing the Committee with the results of a property owner survey concerning the installation of a 'Delta' island on Greenwood Street at Bainbridge Avenue.

Respectfully submitted,

Councillor D. Evans
Chair

Councillor B. Der
Vice Chair

Councillor G. Begin
Member

: COPY - CITY MANAGER - DIRECTOR ENGINEERING - DIRECTOR FINANCE

City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE **DATE:** 2000 04 14
FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS **FILE:**
SUBJECT: Truck Traffic on Greenwood Street
PURPOSE: Provide the Committee with the results of a property owner survey concerning the installation of a 'Delta' island on Greenwood Street at Bainbridge Avenue.

RECOMMENDATION:

1. **THAT** a delta island be installed on Greenwood Street at Bainbridge Avenue as illustrated in this report.
2. **THAT** a copy of this report be sent to Mr. Carmine D' Emilio of 7050 Greenwood Street

R E P O R T

1.0 BACKGROUND

Arising from a report at the Traffic Safety Committee meeting of 2000 March 02 which spoke on the issue of truck traffic along Greenwood Street, staff were directed to further consult with residents and work toward the possible installation of a 'Delta' island at the Bainbridge Avenue intersection.

2.0 SURVEY

The attached questionnaire was sent to all properties, both residential and commercial along Greenwood Street, in order to gain a clear understanding of the level of support for the installation of a 'Delta' island at the Bainbridge Avenue intersection.

Of the 18 private properties along Greenwood Street, 15 have replied to the questionnaire. The table below suggests that opinion on this issue appears somewhat evenly split among residents and businesses, with no significant majority of opinion.

Table 1	Are you in favour of installing a 'Delta' island at Bainbridge Avenue ?		
	Yes	No	No opinion
Responses	7	6	2
% of Respondents	47%	40%	13%

However, closer examination of the disaggregated responses indicates that approximately two thirds of residents who responded to the survey support the 'Delta' island's installation. Conversely, none of the responding businesses were supportive of the traffic calming device. However, the “no” responses and the “no opinion” respondents from the business sector suggest some indifference to the proposed delta, somewhat counterbalancing the negative votes. A breakdown of responses by sector is provided in the table below.

Table 2				
	Yes	No	No Opinion	Non Response
Residents	7	3	0	1
Business's	0	3	2	2

3.0 DISCUSSION

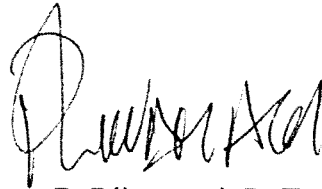
A number of responding businesses have claimed that delivery trucks must head westbound on Greenwood Street in order to access their premises. They suggest that the reduced width of the road makes it impossible to enter from the eastbound direction without swinging wide over the road centre line, blocking passage on Greenwood Street and hence creating a safety hazard.

This type of manoeuvring activity occurs throughout the city on narrow interim roads providing access to Industrial and Commercial developments. However, provided that vehicle volumes are relatively low, as they are here, and there is adequate visibility for approaching traffic, we do not feel that the activity poses a significant hazard.

The Burnaby Street and Traffic Bylaw requires all heavy trucks to enter and leave Greenwood Street via the nearest designated truck route i.e. Winston Street. Accordingly the desire of the residents on this street to limit the accessibility of commercial traffic to the western end of Greenwood Street, by installation of a 'Delta' island at Bainbridge Avenue, is supportable. The design of the island is illustrated in the attached Diagram.

4.0 CONCLUSION

Ideally we would prefer to have a complete consensus among all property owners/users before recommending the installation of a 'Delta' island at the Greenwood Street and Bainbridge Avenue intersection. However given the discussion above it is not inappropriate to strike a balance that gives a higher weighting to the residents' opinion. The recommendation reflects this.



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

AE
Attach.

cc: City Manager



City of
Burnaby

4949 Canada Way, Burnaby, B.C. V5G 1M2
Engineering Department
File: 55-01-04

Telephone: (604) 294-7460
Fax: (604) 294-7425
2000 03 09

Dear Sir/ Madame:

Re: Truck Traffic on Greenwood Street

At the 1999 November 02 meeting of the Traffic Safety Committee, a delegation of Greenwood Street residents presented a petition asking for the installation of a delta island on Greenwood Street at the Bainbridge Avenue intersection to stem the flow of commercial vehicles passing by their residences.

Following the direction of the committee, the Engineering Department prepared and submitted the attached report for the 2000 March 07 committee meeting after conducting further traffic counts. Although the enclosed report did not find a significant level of commercial vehicle activity relative to other similar streets, the Committee was generally sympathetic to the residents' concerns and asked staff to further review the proposal in consultation with the residents. Accordingly, you are being polled to gauge the acceptance of the installation of an island at Bainbridge (as shown on the attached sketch) to limit movements to right turns. The results of this poll will be reported to the Traffic Safety Committee.

Therefore, we would be grateful if you complete the enclosed questionnaire, and return it to this office via the envelope provided by April 10. If you wish you may fax it to 294-7425. If you have any questions, or wish to discuss this matter in greater detail, please contact Alan Evans at 294 7538.

Yours truly,

W.C. Sinclair, P. Eng.
DIRECTOR ENGINEERING

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

AE:
attach

Please complete and return by 2000 April 10.

Greenwood Street Questionnaire

Name : _____ Phone # : _____

Address : _____

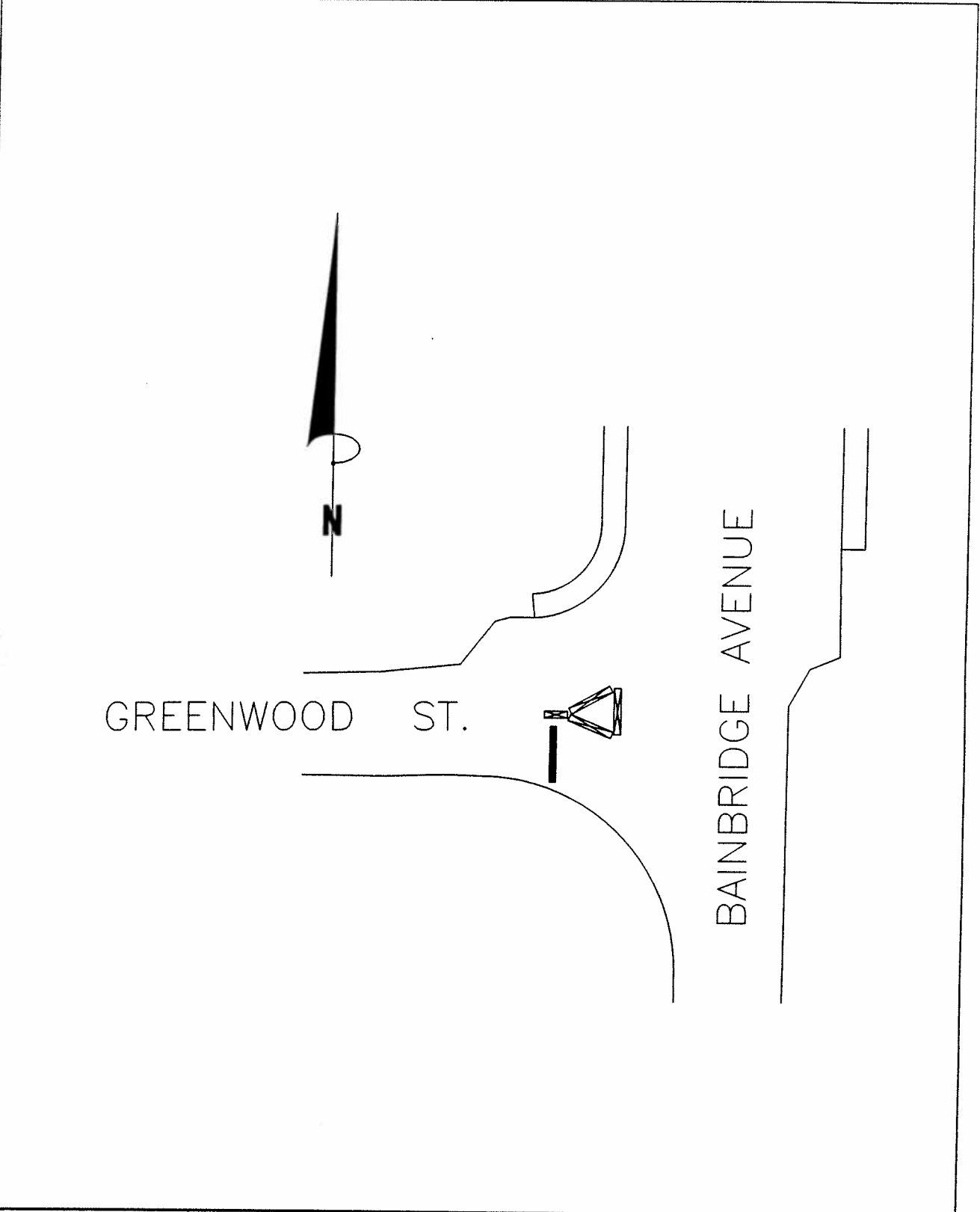
Are you in favour of installing a Delta island on Greenwood Street @ Bainbridge Avenue?
The island would limit movements at this junction to right turns only.

YES

NO

NO OPINION/
INDIFFERENT

Additional comments:



Proposed 'Delta' Island on
Greenwood St. @ Bainbridge Ave.

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DRAWN BY: A.K.E	SCALE: N.T.S.
APPRV'D BY: P.L.	DATE: 00/04/14

A

