

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRANSPORTATION AND TRANSIT DIVISION)

HIS WORSHIP, THE MAYOR
AND COUNCILLORS

Re: Community Transportation Plan -
6th Street to Canada Way

RECOMMENDATIONS:

1. THAT Council direct staff to form a Resident Committee for the area between 6th Street and Canada Way.
2. THAT a copy of this report be forwarded to those residents who indicated that they would like to be part of a Resident Committee for the area to discuss methods of addressing concerns related to traffic.

R E P O R T

The Traffic and Transportation Committee (Transportation and Transit Division), at its meeting held on 1994 April 25, adopted the attached staff report documenting the response to a survey of residents in the area between Canada Way and 6th Street, from 13th Avenue to 19th Avenue. The report supports the formation of a Resident Committee to discuss methods of addressing concerns related to traffic.

Respectfully submitted,

Members:

Mr. Ernest Neumann
Mr. Peter Miller
Mr. Len Werden

Councillor D. Evans
Chairman

COPY - CITY MANAGER
- DIRECTOR ENGINEERING
- DIRECTOR PLNG. & BLDG.

Councillor J. Young
Member

TO: CHAIR & MEMBERS 1994 MARCH 30
TRAFFIC & TRANSPORTATION COMMITTEE
(Transportation and Transit Division)

FROM: DIRECTOR PLANNING & BUILDING OUR FILE: 16th Ave.

SUBJECT: COMMUNITY TRANSPORTATION PLAN - 6TH STREET TO CANADA WAY

PURPOSE: To document the response to a survey of the area between Canada Way and 6th Street, and recommend the development of a Community Transportation Plan.

RECOMMENDATIONS:

1. THAT the Traffic and Transportation Committee direct staff to form a Resident Committee for the area between 6th Street and Canada Way.
2. THAT a copy of this report be forwarded to those residents who indicated that they would like to be part of a Resident Committee for the area to discuss methods of addressing concerns related to traffic.

R E P O R T

1.0 BACKGROUND

In the Spring of 1993, staff began a Community Transportation Planning process with a committee of residents from the 7700 and 7800 blocks of 16th Avenue. The plan was initiated due to a significant increase in the volume of traffic on this portion of 16th Avenue after the installation of a full traffic signal at the intersection of 16th Avenue/6th Street.

Council approved the 16th Avenue Community Transportation Plan at its regular meeting on 1993 June 2, and, a delta island was subsequently installed at the intersection of 6th Street/16th Avenue. Staff conducted traffic counts before and after the installation of the delta island, to document the change in traffic patterns in the area. The results of the traffic counts were summarised in a report dated 1994 December 24, which showed that the delta island had been very successful in reducing traffic volumes on 16th Avenue.

The "before and after" traffic counts also showed the impact of the 16th Avenue delta island on other streets in the area. As there was some increase in traffic volume on adjacent streets, the Traffic and Transportation Committee recommended that staff meet with a group of residents from these streets to discuss methods of reducing traffic infiltration in the residential area between Canada Way and 6th Street from 19th Avenue to 13th Avenue.

The following report documents the response to the survey, and the level of concern regarding access, speed, and volume of traffic. Based on the results of this survey, it also recommends a process for public consultation.

2.0 Survey Results

In February, the survey shown in Attachment 1 was circulated to all residents of the area between Canada Way and 6th Street, from 13th Avenue to 19th Avenue. The residents were asked to indicate the importance of access to both Canada Way and 6th Street, and the level of concern regarding the speed and volume of traffic on their residential street. The survey also asked for volunteers to sit on a Resident Committee and work with staff to develop a Community Transportation Plan for the area.

Of the total of 406 surveys distributed, 86 were completed and returned. Table 1 summarises the level of concern regarding speed and volume of traffic on each street, as well as the number of surveys returned.

It appears that residents of 14th Avenue are the most concerned about speed and volume of traffic, and that the least amount of concern comes from residents of 19th Avenue. In most cases, the level of concern falls between "somewhat concerned" and "very concerned".

Table 1 Level of Concern Regarding Speed and Volume of Traffic

Speed of Traffic			Volume of Traffic		
Street	# Responses	Concern Level *	Street	# Responses	Concern Level *
19th Avenue	6	2.7	19th Avenue	6	2.5
18th Avenue	9	3.1	18th Avenue	9	3.0
17th Avenue	9	3.2	17th Avenue	9	3.2
16th Avenue	11	3.1	16th Avenue	11	3.0
Graham Avenue	11	3.2	Graham Avenue	11	3.3
15th Avenue	14	3.0	15th Avenue	14	2.7
14th Avenue	10	3.5	14th Avenue	10	3.3
13th Avenue	12	3.4	13th Avenue	12	3.2
Other	4	2.75	Other	4	2.5
Average		3.1	Average		3.0

* the concern level was calculated as the average of all concern levels shown on completed surveys for each street (4 = very concerned, 3 = somewhat concerned, 2 = neutral/no opinion, 1 = not concerned)

The overall level of concern for both speed and volume of traffic shows that most residents are at least "somewhat concerned".

Residents were also asked about the importance of access. The survey asked residents to indicate the level of importance of left turns/through movements, and right turns at both Canada Way and 6th Street. Table 2 summarises the results of the survey.

Table 2. Importance of Access

Street	Importance of Access to 6th Street		Importance of Access to Canada Way	
	Right Turn / Through	Left Turn	Right Turn / Through	Left Turn
19th Avenue	2.7	3.5	3.5	2.3
18th Avenue	3.3	2.9	3.5	3.2
17th Avenue	3.2	1.9	3.4	2.7
16th Avenue	2.8	1.7	3.3	1.5
Graham Ave.	2.9	1.9	3.3	1.8
15th Avenue	3.5	2.5	3.6	2.5
14th Avenue	2.9	2.6	3.1	2.7
13th Avenue	3.0	2.5	3.5	2.6
Average	3.0	2.4	3.4	2.4

* the importance was calculated as the average of all levels of importance shown on completed surveys for each street (4 = very important, 3 = somewhat important, 2 = neutral/no opinion, 1 = not important)

From Table 2 it is clear that residents of all eight streets in the study area believe that right turn access onto Canada Way is important. The level of importance of access onto 6th Street for right turns is lower overall, but remains somewhat important to the majority of respondents. Left turn and through movements at both Canada Way and 6th Street are deemed less important.

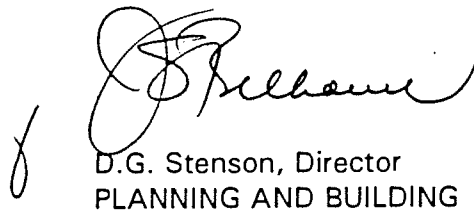
3.0 Development of a Community Transportation Plan for the Area

Nineteen residents who responded to the survey indicated that they would like to be part of a Resident Committee to work with staff to develop a Community Transportation Plan for the area. In order to have representation from all streets in the area, it is proposed that the committee consist of nine members: two from Graham Avenue, and one from each of the other streets. Staff feel that it would be beneficial to have two members of the Committee from Graham Avenue, because it was a delegation from that street which initiated the Community Transportation Planning process for the whole area.

4.0 SUMMARY

In 1993 June, Council approved the installation of a delta island at on 16th Avenue at 6th Street, as part of a Community Transportation Plan for the 7700 and 7800 blocks of 16th Avenue. The traffic pattern change resulting from the construction of the delta island was documented by means of a "before and after" traffic count program. The traffic on 16th Avenue was greatly reduced; however, there was some increase in volume on other streets in the area.

At its regular meeting on 1994 January 9, the Traffic and Transportation Committee recommended that staff consult with residents of the area to develop an area wide Community Transportation Plan. Subsequent to the recommendation, staff circulated a survey to area residents to solicit members for the Resident Committee. The committee will consist of nine members, and is expected to hold its first meeting in early June.


D.G. Stenson, Director
PLANNING AND BUILDING

DAB/dab

Transportation Survey
Area between Canada Way and 6th Street

Please take a few minutes to answer the following questions regarding traffic patterns in your area.

1. **On which street do you live ? (please tick)**

- 19th Avenue _____
- 18th Avenue _____
- 17th Avenue _____
- 16th Avenue _____
- Graham Avenue _____
- 15th Avenue _____
- 14th Avenue _____
- 13th Avenue _____

2. **How important to you is access to Canada Way and 6th Street ? (please indicate level of importance, ie 1 = not important, 2 = neutral, 3 = somewhat important, 4 = very important)**

- to 6th Street - for right turns only _____
- to 6th Street - for left turns and through movements _____
- to Canada Way - for right turns only _____
- to Canada Way - for left turns and through movements _____

3. **Please rank your concerns regarding traffic on your street : (1 = not concerned, 2 = neutral, 3 = somewhat concerned, 4 = very concerned)**

- Traffic speed _____
- Traffic volume _____
- Other (please specify) _____

4. **If you would like to be part of a small resident committee, and work with City staff to resolve any concerns regarding traffic in your area, please add your name and address: (Please read the attachment entitled "Responsibility of Resident Committee Members" before putting your name forward)**

Name: _____
Address: _____

Telephone Number: _____

