

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

TRAFFIC ON DUTHIE

RECOMMENDATION:

1. **THAT** Council forward a copy of the *attached* report to Mr. Simi Erlic of 1085 Duthie Avenue, Burnaby, B.C. V5A 2R3.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 1999 April 06, adopted the *attached* report to respond to resident concerns regarding traffic.

Respectfully submitted,

Mr. D. Berardine
Mr. K. Friederici
Mr. E. Fourchalk
Mr. P. Herring
Ms. L. Kapp
Mr. A. MacDonald
Mrs. D. Mumford
Mrs. R. Oostlander
Mr. J. Parminter
Mr. D. Richardson

Councillor J. Young
Chair

Councillor D. Evans
Member

Councillor N. Volkow
Member

<p>: COPY - CITY MANAGER - DIRECTOR ENGINEERING - DIR. PLNG. & BLDG.</p>
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City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE

FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS

SUBJECT: TRAFFIC ON DUTHIE

DATE: 1999 03 22

FILE:

PURPOSE: To respond to resident concerns regarding traffic

RECOMMENDATION:

1. **THAT** a copy of this report be sent to Mr Simi Erlic of 1085 Duthie Avenue, Burnaby BC

REPORT

1.0 INTRODUCTION

Staff and subsequently the Chair of the Traffic Safety Committee have been contacted by Mr Simi Erlic of 1085 Duthie Avenue who presented the attached petition from area residents who share his concern with the volume and speed of traffic along Duthie Avenue in the vicinity of Curtis Street as well as the presence of commercial vehicles. Staff were asked to report to the Committee regarding the concerns raised. Accordingly staff have conducted vehicle volume, speed and classification studies along the 1000 block of Duthie Avenue in order to quantify the variables of concern.

2.0 VEHICLE VOLUME

Duthie Avenue is classified as a Secondary Major Collector from the intersection of Broadway north to Hastings Street in the Official Community Plan (OCP). Given that designation, it is to be expected that 24 hour vehicle volumes would range to approximately 12,000 Vehicles per day (VPD), with upwards of 50 % of traffic having a non local origin.

The traffic volume data recently collected conforms with the designation of Duthie Avenue. We recorded an average 24 hour volume of 10,600 vehicles. This data can be further broken down to North/South volumes of 5200/5400 VPD respectively.

Previous volume counts for this stretch of Duthie Avenue suggest reduction in demand. Counts recorded in October of 1996 tallied a total daily volume of 11,600, with a similar 50/50% split between North and Southbound traffic. Counts further south along the corridor indicate a relatively modest growth rate of just over 2% per annum over the prior 15 years.

3.0 VEHICLE SPEEDS

An examination of the data on speeds indicates that 80 % of motorists were travelling along Duthie Avenue within ± 10 Km/Hr of the posted Limit. Of the remaining 20% of vehicles, 11 % were travelling at a speed less than 40 Km/Hr, leaving a total of 9% in excess of 60 Km/hr. The 85th percentile speed which is used to benchmark enforcement is slower on this street than that typically measured elsewhere in previous counts.

There is no real pattern to vehicles speeding that would enable enforcement to be targeted. Southbound travel from 1:00 to 3:00 pm would probably be most productive time to deploy radar.

4.0 TRUCK TRAFFIC

A review of the classification data collected does not indicate a significant amount of commercial vehicles in excess of 30,000 lbs GVW using this section of Duthie.

The table below gives a breakdown of the vehicle type and their associated 24 hour volumes as recorded on 1999 March 02:

Vehicle Type		Passenger Vehicle's	Buses	Light Trucks	Heavy Trucks
24 hour volume	Northbound	4759	37	12	7
	Southbound	4910	23	16	7
	TOTAL	9669	60	28	14

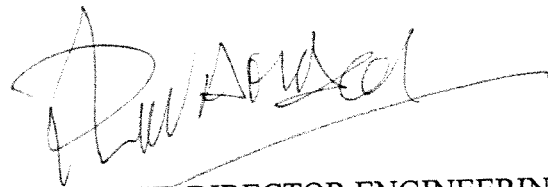
Unfortunately, we do not have any historic vehicle classification data for this section of Duthie Avenue in order to compare past truck traffic to present day activity. Notwithstanding this, the recorded volume heavy trucks, which fall within the context of the truck route bylaw, is only a fraction of a percent.

Staff have also reviewed the existence of prohibitive truck route signs at key intersections within the area, and have been unable to locate any deficiencies.

5.0 CONCLUSION

The traffic conditions recorded along Duthie Avenue would appear to be no different than for other roadways of similar classification throughout the City. In fact the proportion of vehicles that are heavy trucks or the proportion speeding is lower than encountered elsewhere.

It is understandable that Mr Erlic and his neighbours find the speed and volume of traffic along their roadway, not to mention the use of the roadway by commercial vehicles to be an intrusion and this view will be echoed by many Burnaby residents on all but the most minor of local streets. However, the objective data does not suggest that there is an existing or emerging problem on this street relative to others of this same classification. This of course provides scant solace to area residents. Short of constructing an alternate roadway to Duthie Avenue, a significant reduction in daily vehicle volumes would not appear possible. In this regard we expect that the development of the Bainbridge/Philips connector to Lougheed Highway will be beneficial to Duthie residents. Similarly as Regional and Council adopted initiatives based on policies to deter motor vehicle usage (H.O.V. lanes, road pricing) and encourage transfer to other modes (transit, bicycles) gain momentum we may expect a dampening effect on traffic volumes on all streets. The behaviour of individual drivers manifested in this instance by speeding is best influenced through education and neighbourhood initiatives such as speed watch programs, community policing, etc.



ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

AE:

cc: City Manager

PETITION RECEIVED AT COUNTER FROM MR ERLIC

NAME	TELEPHONE	ADDRESS
SIMIE ERLIC	420-2326	1085 DUTHIE AVE
DOROTHY BROGAN	420-1478	1070 DUTHIE AVE
TRACY YUEN	436-2640 x.237	1075 DUTHIE AVE
Ryby Smith	420-1654	1065 DUTHIE AVE
Rolando Felles		7113 CURTIS ST
Tony Kanjer	291-1932	T. Kanjer ^{Cur} 7101
Elsie Bettendge	298-3675	7080 Curtis St.
S. Butterly	298-3675	7080 Curtis St.
I. Newell	294-8012	7090 Curtis St.
ANTOINETTE	291-0756	7123 CURTIS ST BL
MARCO SEBASTIAN	205-1772	7129 CURTIS ST BL
FRANK GROSSI	299-6870	7145 CURTIS ST
G. Balanzore	291-0154	7153 CURTIS BOY.
Marva Suri	7161 Curtis St	2919143
Janet Curtis	298 8267	7173 CURTIS ST.
MR + MRS SULTER	205 0067	851 DUTHIE AVE
Denise Babichuk	473-9329	831 Duthie Ave.
Debra Kulla	320-1825	811 Duthie Ave.
ALFRED N...	291-8561	705 DUTHIE AVE
Terena Chelope	444 1002	1060 DUTHIE AV.
Ken Bauder	420-1464	
FRANK BOGDANOVICH	420-5338	1340 SEITHIE AVE RUCR
Pedro Fernandes	420-1769	1320 Duthie Ave.
MIKE HORNE *	420-5764	1540 DUTHIE AVE #
EILEEN FEWSTER		1225 DUTHIE AVE
VASILE TALPOS	421-5311	1217 DUTHIE AVE.

