

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

RE: FOREST GROVE DRIVE TRAFFIC SPEED

RECOMMENDATIONS:

1. **THAT** Council approve implementation of modifications to road markings to narrow apparent lane widths adjacent Maple Grove Park following consultation with affected residents and the transit operator.
2. **THAT** a copy of this report be sent to Ms. L. Gregory of 2081 Birch Grove Place, Burnaby, B.C. V5A 4A3.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 2001 October 02, received and adopted the *attached* report to respond to residents' concerns regarding the speed of traffic on Forest Grove Drive adjacent Maple Grove Park.

Respectfully submitted,

Councillor D. Evans
Chair

Councillor B. Der
Vice Chair

Councillor G. Begin
Member

<p>: COPY - CITY MANAGER - DIRECTOR ENGINEERING - DIR. PLNG. & BLDG. - OFFICER-IN-CHARGE, R.C.M.P.</p>
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City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE **DATE:** 2001 09 25
FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS **FILE:** 55-01-04
SUBJECT: FOREST GROVE DRIVE TRAFFIC SPEED
PURPOSE: To respond to residents' concerns regarding the speed of traffic on Forest Grove Drive adjacent Maple Grove Park

RECOMMENDATION:

1. **THAT** modifications to road markings to narrow apparent lane widths adjacent Maple Grove Park be implemented following consultation with affected residents and the transit operator.
2. **THAT** a copy of this report be sent to Ms. L Gregory of 2081 Birch Grove Place, Burnaby, BC V5A 4A3

R E P O R T

1.0 INTRODUCTION

Correspondence from Ms. Lenore Gregory of Birch Grove Place in Burnaby appeared on the Traffic Safety Committee agenda at its previous meeting. In her letter Ms. Gregory voiced concern over the speed of traffic along Forest Grove Drive directly adjacent to Maple Grove Park playground. The concern was referred to staff for review and report.

2.0 REVIEW

Diagram #1 illustrates the portion of Forest Grove Drive in question (along with proposed measures discussed below). It is noted that Forest Grove Drive carries a bus route and is classified a minor local collector. There is no indication that the street attracts extraneous - through - traffic. Accordingly, the motorists whose behaviour is in question are, in the main, residents of the area.

Staff have conducted a vehicle speed study along this section of roadway to measure traffic volume and to gauge the level of compliance with the reduced speed limit. The results of this study have been summarized on the attached Exhibit #2. The speed parameter shown is the 85th percentile speed which is generally used to determine "speeding" relative to regulation and enforcement.

From the data collected it is apparent that motorists travelling this portion of Forest Grove Drive generally do not travel at the posted speed limit during times when the 30Km/h limit is in effect (i.e. from dawn to dusk). However, outside of these hours, traffic appears to be travelling at higher speeds. Also we note that the 85% percentile are lower than we would expect if the speed limit was 50 km/h. This suggests that there is some reduction in speed attributable to the zone.

Forrest Grove Drive provides a 11m width roadway, with a directional dividing line positioned at the approximate centre of the roadway. The absence of on street parking particularly along the playground frontage creates a wider than normal travel lane for traffic. The width of the northbound travel lane is comparable to that of the southbound, however pockets of permissive on street parking, when utilized, somewhat reduce apparent travel lane width.

3.0 DISCUSSION

We believe the lack of compliance with the posted speed limit along this portion of Forest Grove Drive is related to lane widths, driver "familiarity", and an absence of sustained enforcement. Recognising that reduced lane widths reduce vehicle speeds, staff would recommend that the width of both the north and southbound travel lanes be reduced through the installation of a painted centre median extending from the marked crosswalk northward adjacent the park. In doing so, the current on street parking along the northbound curb of Forrest Grove may be impacted. Given that area residents may have some opposition to any changes to on street parking, staff would defer implementation pending consultation with residents. As this is a bus route the Coast Mountain Bus Company also needs to be consulted.

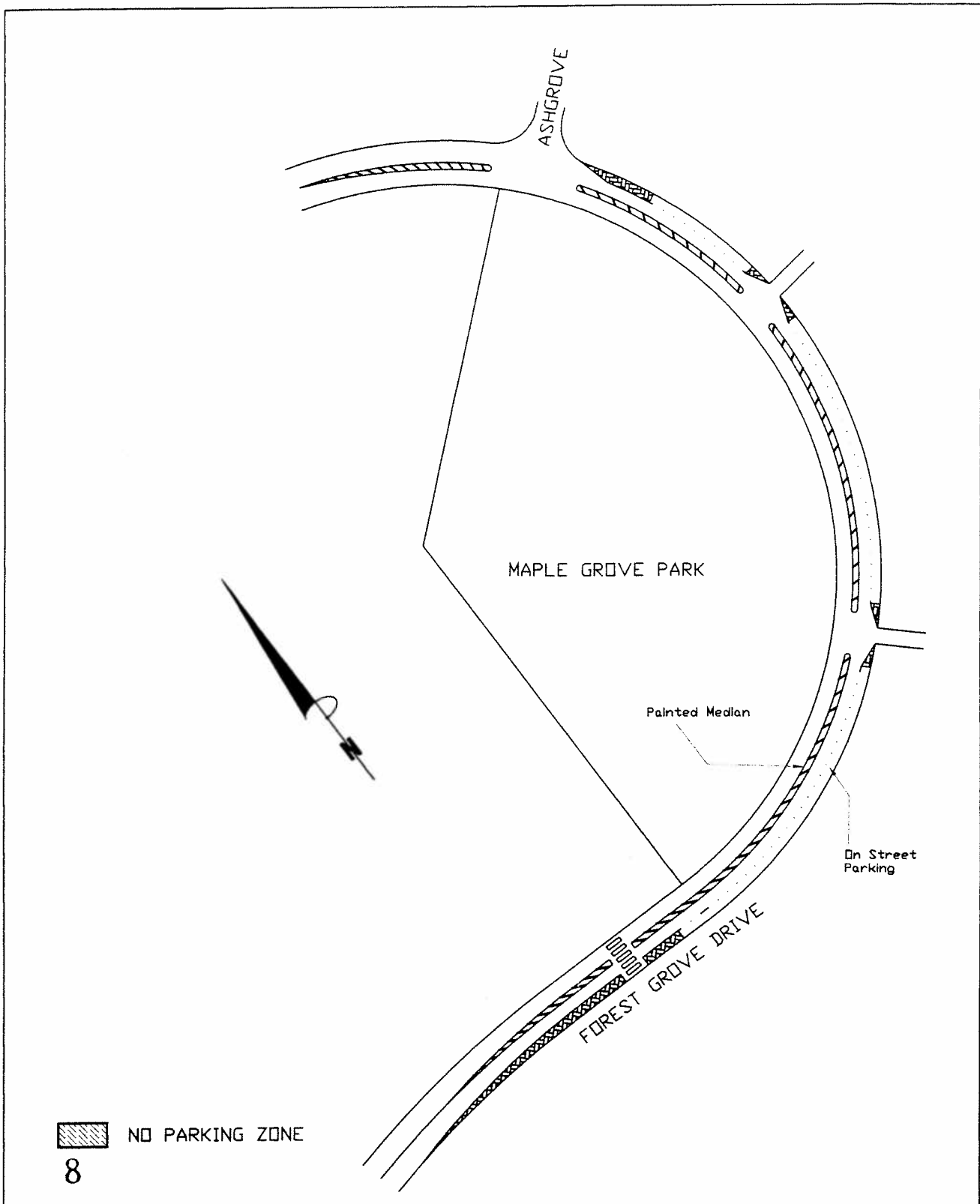
As this is a playground zone it would also be beneficial for residents to participate in the neighbourhood speed watch (Radar Reader Board) programme that has just been re-initiated. That service is available through the Community Police Office serving this area.

Staff will continue to monitor the speed of vehicles travelling along this portion of Forest Grove Drive, and will report back to the Committee should there be a need to take further action to address the concerns of the correspondent.



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

AE
cc: City Manager



 NO PARKING ZONE

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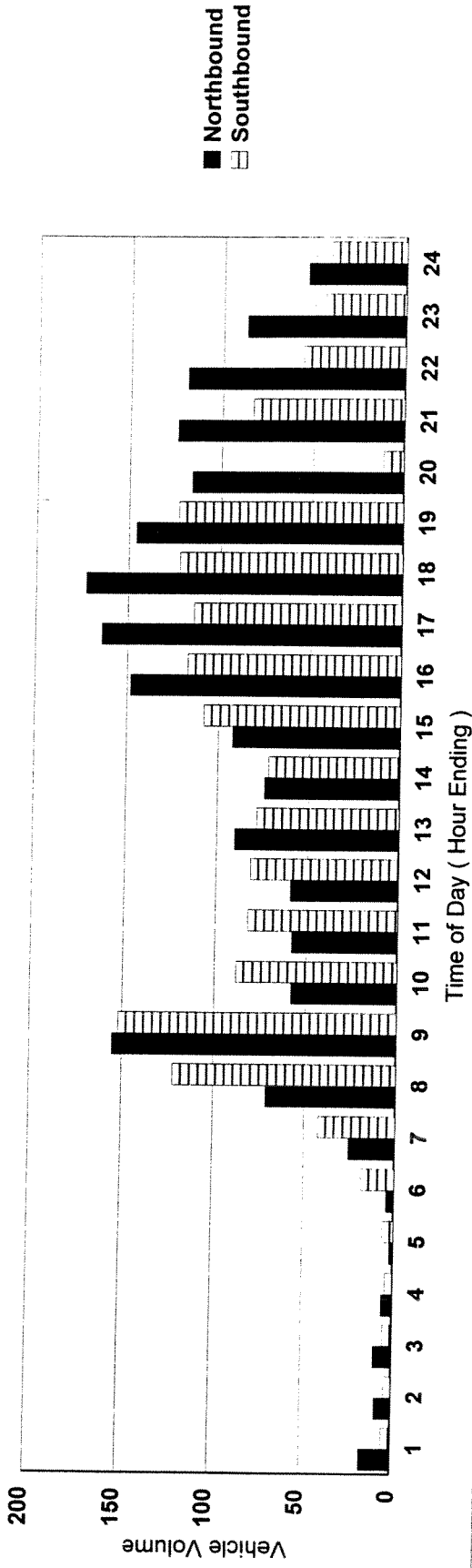


EXHIBIT #. 1
 FOREST GROVE DRIVE @ MAPLE GROVE PARK
 Proposed Road Marking Plan

DRAWN BY: A.K.E	SCALE: N.T.S.
APPRV'D BY: P.L.	DATE: 01/09/27

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Directional Vehicle Volume



Directional Vehicle Speed

