

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

18TH AVENUE AND LEESIDE STREET CORNER CLEARANCE

RECOMMENDATIONS:

1. *THAT* Council approve the implementation of the proposed corner clearance on 18th Avenue east of Leaside Street illustrated in the attached report.
2. *THAT* copies of the attached report be sent to the three residents directly effected by this new parking ban.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 1999 April 06, adopted the attached report to recommend an extended corner clearance parking restriction at this location.

Respectfully submitted,

Councillor J. Young
Chair

Councillor D. Evans
Member

Councillor N. Volkow
Member

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

: COPY - CITY MANAGER - DIRECTOR ENGINEERING

City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE **DATE:** 1999 03 23

FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS **FILE:**

SUBJECT: 18TH AVENUE AND LEESIDE STREET CORNER CLEARANCE

PURPOSE: To recommend an extended corner clearance parking restriction at this location.

RECOMMENDATION:

1. **THAT** the proposed corner clearance illustrated in this report be implemented on 18th Avenue east of Leaside Street
1. **THAT** copies of this report be sent to the three residents directly effected by this new parking ban.

REPORT

Staff have received a number of complaints concerning the difficulty faced by motorists exiting Leaside Street onto 18th Avenue. Our initial response was to sign the required legal corner clearances but this has not resolved the concern. The primary source of these complaints was the inability of motorists to view oncoming westbound vehicles on 18th Avenue, therefore making a left turn movement from Leaside Street potentially hazardous.

As this issue is directly related to intersection visibility, any solution would require either an increase in driver visibility, or modifications to the intersection control which do not require optimal intersection visibility.

We considered conversion of this intersection to a multi way stop configuration relative to warrants. Traffic volume data on record indicates a significant disparity between volumes on 18th Avenue versus Leaside Street and no recorded collision history to support added control. It should be noted that the unwarranted installation of multi way stop sign control particularly at a 3 leg junction could result in reduced levels of compliance, which ultimately contributes to an general disregard for traffic regulations.

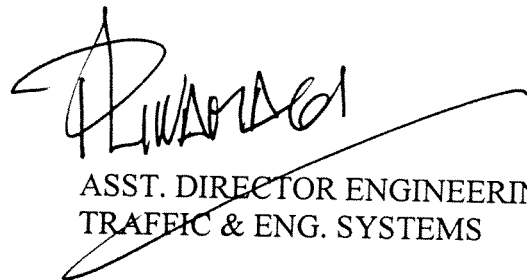
After a review of volume and crash data, as well as an examination of the site conditions, it was determined that the more appropriate course of action would be to extend existing corner clearance east of Leaside Street on 18th Avenue to provide for sufficient sight lines.

As the removal of parking further east along 18th Avenue would directly impact on street parking adjacent to a number of single family residences, the attached letter, diagram and questionnaire were sent to those who would be effected.

Of the three property owners contacted, all are opposed to the parking ban as is indicated by the attached questionnaire responses. [We note that the issue brought forward by one of the respondents concerning the absence of a promised speed bump in the lane off 18th Avenue. The speed bump was to be provided by the adjacent developer as a precondition of rezoning. Staff have forwarded this matter on to the appropriate department for review and action.]

The properties affected by the parking ban are shown as a part of a larger parcel consolidation for the development of multi family housing in the Edmonds Town centre plan. When that redevelopment occurs there will be a dedication of right of way and a realignment of 18th that will resolve the present visibility problem. In the interim we believe the parking prohibition best addresses the safety concern. A 3-way stop is not considered a desirable interim or long term solution.

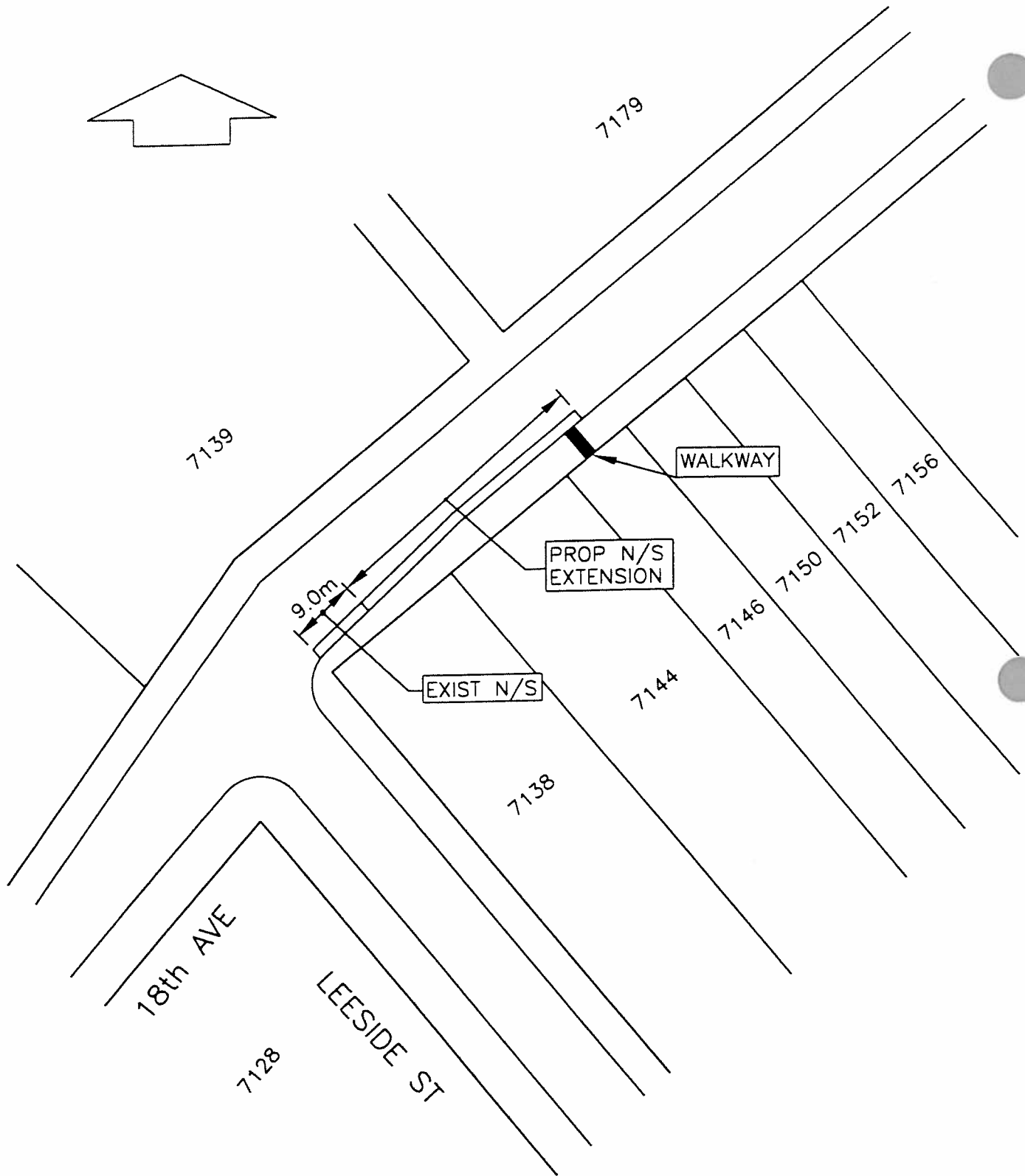
Although we appreciate the unwillingness of residents to part with on street parking adjacent to their residences, there remains a need to address the current safety concerns at the 18th Avenue and Leaside Street intersection. Therefore, in the interest of traffic safety, we would recommend that the proposed parking ban be implemented.



ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

AE:
Attach.

cc: City Manager



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NO.	DATE	REVISION



PROPOSED PARKING CHANGES

18th AVE EAST OF LEESIDE ST

DRAWN BY: G.FUNK

SCALE: N.T.S.

APPRV'D BY: CDL

DATE: 99-01-27

A 492