

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE  
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

RE: **PARKING ON THE WEST SIDE OF WILLINGDON AVENUE  
BETWEEN BERESFORD STREET AND KEMP STREET**

RECOMMENDATION:

1. **THAT** the present time-of-day restrictions along Willingdon Avenue between Kemp Street and Central Boulevard be extended to include Sundays.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 2000 May 02, received and adopted the attached report to respond to the Committee request for a staff report on this issue.

Respectfully submitted,

Councillor D. Evans  
Chair

Councillor B. Der  
Vice Chair

Councillor G. Begin  
Member

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

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE DATE: 2000 03 03

FROM: ASST. DIRECTOR ENGINEERING, FILE: 55-13-03  
TRAFFIC & ENGINEERING SYSTEMS

SUBJECT: PARKING ON THE WEST SIDE OF WILLINGDON AVENUE  
BETWEEN BERESFORD STREET AND KEMP STREET

PURPOSE: To respond to the Committee request for a staff report on this issue

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RECOMMENDATION:

1. **THAT** the present time-of-day restrictions along Willingdon Avenue between Kemp Street and Central Boulevard be extended to include Sundays.

**R E P O R T**

**1.0 INTRODUCTION**

With the recent completion of the Crystal Development on the south east corner of the Kingsway / Willingdon Avenue intersection, members of the Committee noted an expectation that daily traffic volumes will increase along roadways bounding this development. At the 2000 February 01 meeting of the Traffic Safety Committee staff were directed to review whether parking restrictions along the west side of Willingdon Avenue between Beresford Street and Kemp Street were extensive enough to address the emerging traffic demand.

## 2.0 REVIEW

Currently, parking is restricted along this section of Willingdon Avenue between the hours of 7:00 am - 6:00 pm, except Sundays and Holidays. An illustration of the present day parking restrictions along this portion of Willingdon Avenue has been attached as Exhibit #1.

Traffic volume data was collected north and south of Kingsborough Street over a one week period so daily variations in volumes could be gauged. As expected the total daily traffic was highest on weekdays, with Sunday having the lowest recorded volume. The differences among the days of the week were considerably less than would be expected elsewhere in the city confirming the high level of activity in the Town centre on all days of the week. The table below illustrates the day of week volumes at both study locations.

	Weekday (Average)	Saturday	Sunday
Kemp - Kingsborough	10528	9023	7748
Kingsborough - Central	11013	9924	8534

The data also indicates that approximately 70 % of all daily traffic occurs over the 11 hour period, between 7:00 am - 6:00 pm seven days a week. This is illustrated by the data graphed on Exhibit #2. Generally this period of highest demand corresponds with existing time of day parking prohibitions.

## 3.0 DISCUSSION

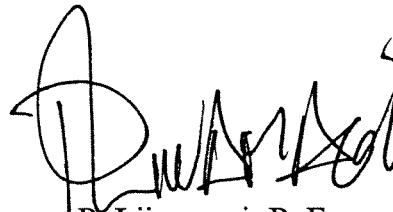
Exhibit 2 graphs the southbound traffic flow which competes with parked vehicles on the west side of Willingdon for road space. The weekday data reveals that the morning travel peak is not as great as the afternoon peak. The data also confirms that the commencement of weekday parking restrictions at 7:00 am addresses the rising demand of the morning peak. However, on weekends the start of the restriction period could

be postponed to say 9:00 am. The data also suggests that “ending” the parking restriction at 6:00 pm, on weekdays and Saturday, is perhaps too early. This supports the assumption that the afternoon peak is broadening to accommodate congestion delay. The increased travel demand/congestion in the afternoon is caused by a mixture of trip purposes adding to the “spike” of commuter travel. The rapid decline in travel demand after 6:00 pm suggests that the need for re-examination of this time limit is not pressing.

#### 4.0 CONCLUSION

While there appears to be a case for extending the evening hours of parking restriction, a wider review of this issue is required to ensure a consistency of approach. Similarly, to maintain consistency and driver understanding we recommend extending the present weekday/Saturday 7:00am to 6:00 pm parking restrictions along this block of Willingdon to include Sunday.

The residents of the adjacent apartment complex will be notified of this change in advance of implementation.

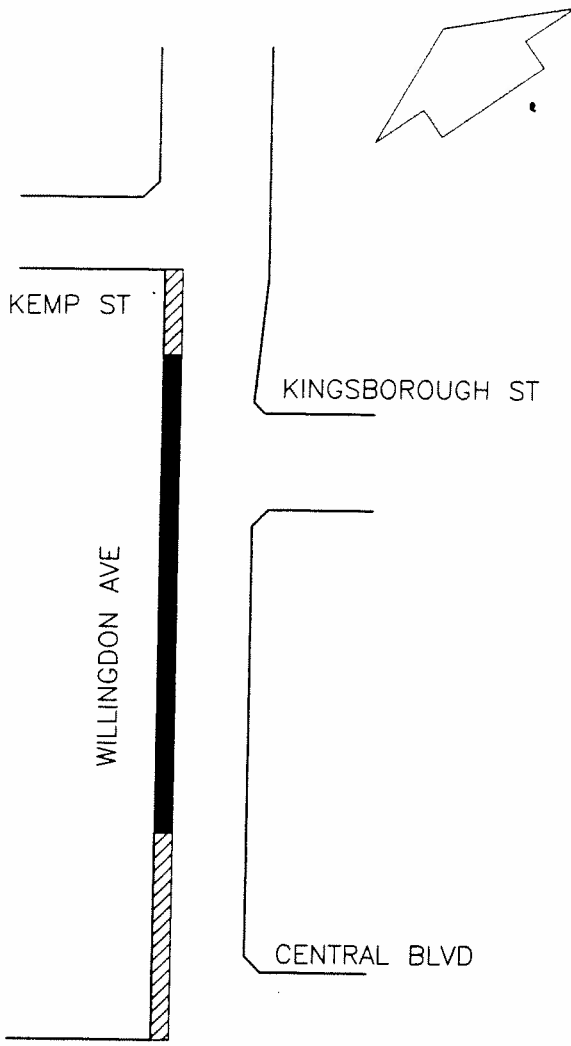


P. Liivamagi, P. Eng.  
ASST. DIRECTOR ENGINEERING,  
TRAFFIC & ENG. SYSTEMS


AE:


Attach.

cc: City Manager



BERESFORD ST

 NO STOPPING

 NO STOPPING  
7AM-6PM  
EXCEPT SUNDAYS  
& HOLIDAYS

NO.	DATE	REVISION

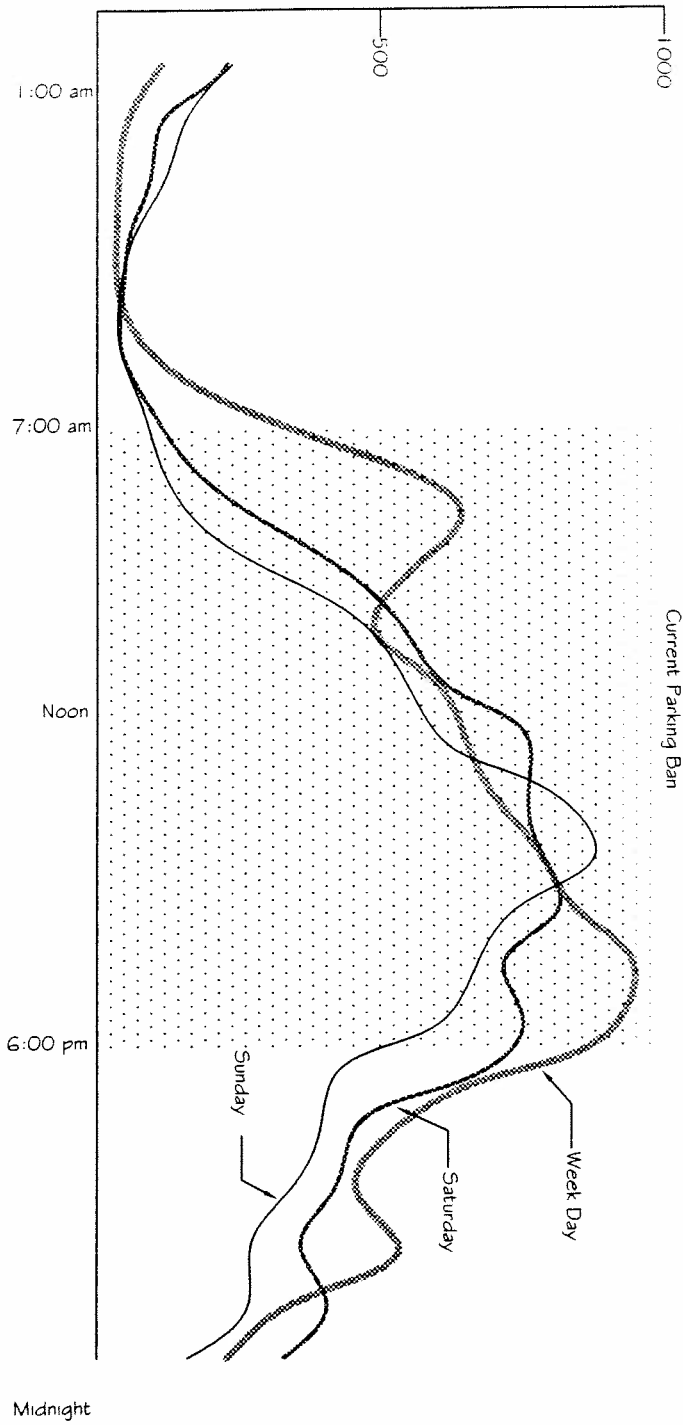


DIAGRAM #124 c  
WILLINGDON AVE PARKING RESTRICTIONS

DRAWN BY: G.FUNK	SCALE: N.T.S.	<b>A</b> 537
APPRV'D BY:	DATE: 00-03-09	

# Vehicle Demand (V.p.H.)

Time of Day



125 C



Southbound Volume on Willingdon Avenue  
Kemp Street - Central Boulevard

DRAWN BY: A.K.E

SCALE: N.T.S.

APPRV'D BY: P.L.

DATE: 00/03/01

**A**