

REPORT  
Regular Council Meeting  
1991 November 12

THE CORPORATION OF THE DISTRICT OF BURNABY  
TRAFFIC AND TRANSPORTATION COMMITTEE  
( TRAFFIC SAFETY DIVISION )

HIS WORSHIP, THE MAYOR  
AND ALDERMEN

A. 4200-4300 BLOCKS OF KINGSWAY AT OLIVE AVENUE

RECOMMENDATIONS:

1. THAT 'No Left Turn 3pm-6pm' restrictions be installed on westbound Kingsway at Kathleen Avenue and at Olive Avenue (to be in effect 7 days per week).
2. THAT Mr. Frank Helden be sent a copy of this report.

REPORT

The Assistant Director Engineering - Traffic and Engineering Systems submitted the following report to the Committee:

"1.0 BACKGROUND

Appearing as a delegation at the 1991 June Traffic Safety Committee meeting, Mr. Frank Helden raised concerns regarding traffic safety on Kingsway in the area bounded by Patterson/Willingdon. Mr. Helden related the details of an accident involving him turning left from Kingsway to Olive. Mr. Helden suggested that a possible solution may be to allow parking on Kingsway at that location. The Committee referred the matter to staff for a report.

2.0 INVESTIGATION

In reviewing the recent accident history on Kingsway at Olive Avenue and at Kathleen Avenue, staff have found a significant number of collisions involving left turn movements off of Kingsway. Table 1 below shows the recorded accident numbers at each intersection. The predominant accident type is the rear-ender that is typical of congested conditions.

At Kathleen Avenue 50% of the left turn conflicts occurred during the weekend peak periods from Friday through Sunday, and all of the Olive Avenue left turn conflicts occurred during this same period.

Existing parking restrictions are in effect during the pm peak periods (3pm-6pm) allowing Kingsway to carry three lanes of traffic in each direction.

Mr. Helden's accident is typical of the collisions that occur at this location. The two outside lanes of traffic may yield to a left turning vehicle while the curb lane continues travelling, resulting in these types of conflicts.

INTERNAL DISTRIBUTION:  
AGENDA - 1991 NOVEMBER 12  
COPY - MUNICIPAL MANAGER  
- DIRECTOR ENGINEERING  
- DIRECTOR PLANNING & BUILDING INSPECTION  
- O.I.C., R.C.M.P.

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Table 1: Left Turn Accidents off of Kingsway

	<u>1990</u>	<u>1991</u>
Barker Avenue	0	0
Olive Avenue	8	5
Kathleen Avenue	5	3

These types of collisions may be significantly reduced by introducing left turn restrictions at the side street locations during the peak hour periods. Motorists would have the option of completing left turns at the signalized intersections of Wilson Avenue and at Patterson Avenue.

The long range plan is to install a raised median on Kingsway between Willingdon Avenue and Patterson Avenue. This would limit all left turning movements to the signalized intersections. An example of this type of treatment can be seen on Kingsway between McKay and Royal Oak.

Staff are satisfied with the existing parking restrictions along this portion of Kingsway, and have found that relatively few vehicles park on the south side of Kingsway between Patterson and Wilson.

### 3.0 CONCLUSIONS

Staff believe that the most effective solution in controlling left turn accidents would be to install raised medians along Kingsway at the side street locations. This type of treatment would occur when the flanking properties are redeveloped, and dedication for road widening acquired.

In the interim, staff recommend an incremental approach starting with implementing turn restrictions by restricting left turns 3pm-6pm, 7 days a week at Kingsway/Kathleen Avenue and Kingsway/Olive Avenue (see APPENDIX 1). Staff would monitor the accident history and report back to the Committee if the accident problem remains unimproved and recommend whether a full ban on left turns at the Kathleen and Olive intersections with Kingsway is required."

#### MEMBERS:

Respectfully submitted,

Mr. W. Anderson  
Mr. D Baker  
Mr. W.B. Bennett  
Mr. M. Bloomfield  
Mrs. L. Brown  
Mrs. G. Evans  
Mr. T. Hulme  
Mr. E. Furchalk  
Mr. D. Ramsbotham  
Mr. W.B. Roxburgh  
Mr. R. Weston

Alderman J. Young  
Chairman

Alderman D. Evans  
Member

Alderman D. Lawson  
Member

Alderman C. Redman  
Member



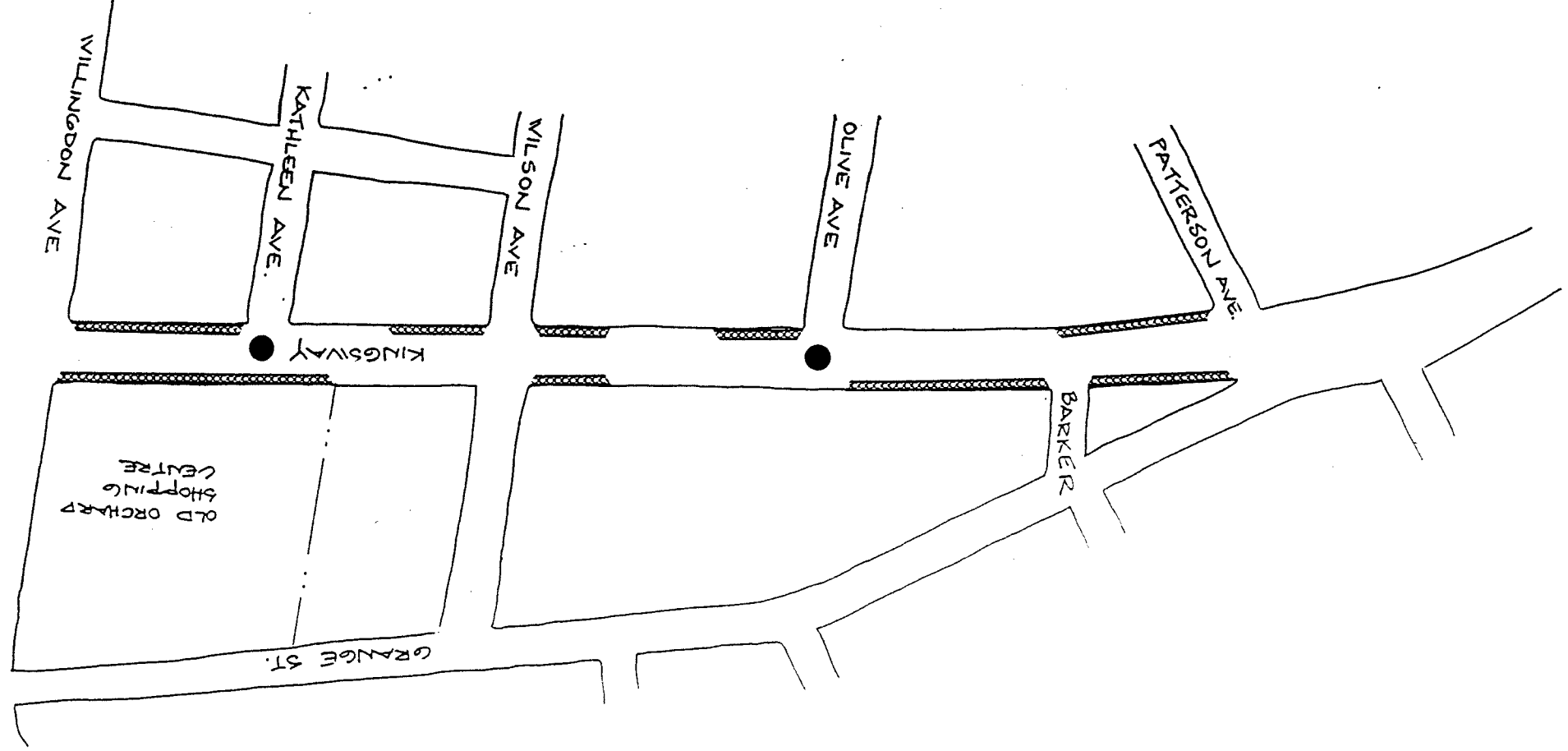
THE CORPORATION OF THE DISTRICT OF BURNABY  
ENGINEERING DEPARTMENT

# PROPOSED LEFT TURN RESTRICTIONS 4200-4300 BLKS KINGSWAY

NO.	DATE	REVISION

- KEY**
- PROPOSED 'NO LEFT TURN 3PM-6PM' (MON. THROUGH SUN.)
  - ▨ DENOTES NO STOPPING ZONES
  - BLANK AREAS DENOTE NO STOPPING TIME RESTRICTIONS

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DESIGNED BY:	SCALE: NTS
APPRVD BY:	DATE: OCTOBER 23
DRAWN BY: H.Z.	B
CHECKED BY:	

