

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE  
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**B. STOP SIGN CONTROL AT THE INTERSECTION OF MARINE  
DRIVE AND PATTERSON AVENUE**

RECOMMENDATIONS:

1. **THAT** Council authorize the upgrading of the intersection of Marine Drive and Patterson Avenue to a 3- way stop.
2. **THAT** a copy of this report be sent to Trayton Gammon, 3905 Marine Drive, Burnaby, B.C. V5J 3E3.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 1997 February 04, adopted the attached report responding to concerns for pedestrian safety.

MEMBERS:

Mr. N. Smith  
Mr. D. Berardine  
Mrs. M. Canessa  
Mr. E. Fourchalk  
Ms. L. Kapp  
Mrs. D. Mumford  
Mr. D. Ramsbotham  
Mr. D. Richardson  
Mr. A. MacDonald

Respectfully submitted,

Councillor J. Young  
Chair

Councillor D. Evans  
Member

: COPY - CITY MANAGER  
- DIRECTOR ENGINEERING  
- OFFICER-IN-CHARGE, R.C.M.P.

City of Burnaby

INTER-OFFICE COMMUNICATION

**TO:** TRAFFIC SAFETY COMMITTEE **DATE:** 1997 01 27  
**FROM:** ASST. DIRECTOR ENGINEERING,  
TRAFFIC & ENGINEERING SYSTEMS **FILE:** 55-13-02  
**SUBJECT:** STOP SIGN CONTROL AT THE INTERSECTION OF  
MARINE DRIVE AND PATTERSON AVENUE  
**PURPOSE:** To respond to concerns for pedestrian safety.

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RECOMMENDATIONS:

1. THAT the intersection of Marine Drive and Patterson Avenue be upgraded to a 3-way stop.
2. THAT a copy of this report be sent to Trayton Gammon, 3905 Marine Drive, Burnaby BC, V5J 3E3.

REPORT

Staff have received a letter from Trayton Gammon of 3905 Marine Drive, Burnaby, concerning the lack of pedestrian facilities along the Marine Drive corridor from Boundary Road to Nelson Avenue.

A review of the area has identified a need to provide a crossing along Marine Drive for local residents, and a connection to the existing pedestrian trail on the unopened Patterson Avenue right-of-way south of Marine Drive. The intersection of Marine Drive/Patterson Avenue is the optimal location for such a crossing, due to its alignment with the existing trail, and the intersection's proximity midway between Boundary Road and Nelson Avenue. Although the installation of a marked pedestrian crosswalk on an uncontrolled leg of the intersection is an option, staff have also reviewed the intersection control relative to vehicular requirements.

Collision history for the past 5 years suggest the frequency of occurrences has not been sufficient to warrant a multiple stop configuration on that basis alone. However, the number of right angle accidents which are potentially correctable with additional control is increasing.

*Stop Sign Control at the Intersection of  
Marine Drive and Patterson Avenue  
1997 01 27 - Page 2*

At present, the intersection is a standard T-configuration with the Patterson Avenue leg having stop sign control, giving Marine Drive traffic the right-of-way. The modification of this intersection to a multiple stop configuration would in turn provide a greater level of protection to pedestrians wishing to cross Marine Drive, as well as reduce the potential for future right angle accidents. Therefore, we would recommend the conversion of the existing single stop control at this intersection to 3-way stop sign control as indicated in Diagram #1.

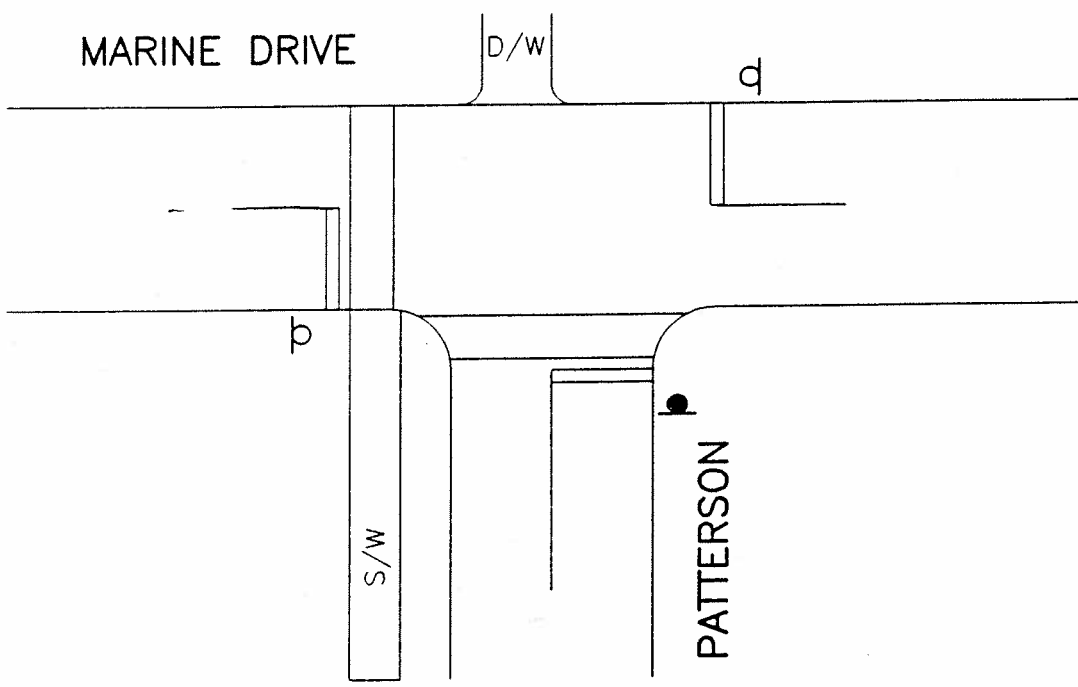
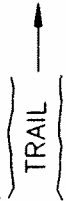


ASST. DIRECTOR ENGINEERING,  
TRAFFIC & ENG. SYSTEMS

AE:jb  
Attach.

cc: City Manager

TO MARINE WAY  
PEDESTRIAN OVERPASS



LEGEND

⊖ PROPOSED STOP SIGN

48

NO.	DATE	REVISION



DIAGRAM 1

DRAWN BY: J. KO      SCALE: N.T.S.  
APPRV'D BY:              DATE: 97-01-21

**A** 423