



**TRAFFIC SAFETY COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: MARINE DRIVE AT ROYAL OAK AVENUE**

**RECOMMENDATION:**

1. THAT Council approve the installation of a 4-way stop at the intersection of Marine Drive and Royal Oak Avenue.

**REPORT**

The Traffic Safety Committee, at its meeting held on 2006 January 19, received and adopted the attached report discussing converting the intersection to a multi-way stop control.

Respectfully submitted,

Councillor N. Volkow  
Chair

Councillor S. Dhaliwal  
Vice Chair

Councillor G. Evans  
Member

|   |
|---|
| Copied to: City Manager<br>Director Engineering |
|---|

**TO:** CHAIR AND MEMBERS  
TRAFFIC SAFETY COMMITTEE

**DATE:** 2005 December 16

**FROM:** ASSISTANT DIRECTOR ENGINEERING,  
TRAFFIC AND ENGINEERING SYSTEMS

**FILE:** 38000-07

**SUBJECT:** MARINE DR AT ROYAL OAK AVE

**PURPOSE:** To discuss converting the intersection to a multi-way stop control.

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**RECOMMENDATION:**

1. **THAT** The Committee approve the installation of a 4-way stop at the intersection of Marine Dr and Royal Oak Ave.

**REPORT****1.0 INTRODUCTION**

In response to two recent requests, staff conducted a review of the traffic control at the intersection of Marine Dr and Royal Oak Ave. This is a standard 4-leg intersection although the south leg is very minor serving only as an access point for a small number of residential / agricultural properties south of Marine Dr. The current control is a two way stop with Marine Dr having the right-of-way.

**2.0 REVIEW**

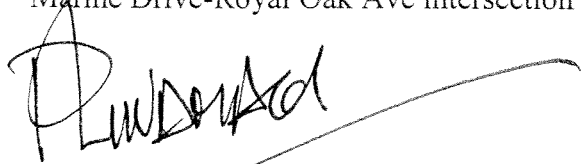
Manual and automatic traffic counts were taken at the intersection and the collision history was reviewed. This data was evaluated and used for determining warrant for upgrading the traffic control at the intersection. From a statistical perspective the intersection meets the warrant for a multi-way stop based on intersection traffic volumes and collision occurrences.

From a technical perspective, staff concur with the warrant outcome as installation of a 4-way stop would not only provide the appropriate control for this intersection but would also be consistent with the existing multi-way stops at Marine-Patterson, Marine-Nelson and Marine-Gilley. All of these, including Marine Dr are similarly classified as Major Collector – Secondary roads.

To: Traffic Safety Committee  
From: Assistant Director Engineering,  
Traffic and Engineering Systems  
Re: Marine Dr at Royal Oak Ave  
2005 December 16..... Page 2

**3.0 CONCLUSION**

As a statistical warrant for a multi-way stop is met and is this control measure would be consistent with other similar intersections along Marine Dr, Staff recommend converting the Marine Drive-Royal Oak Ave intersection to a 4-way stop.



Peeter Liivamagi, P.Eng.  
ASSISTANT DIRECTOR ENGINEERING,  
TRAFFIC AND ENGINEERING SYSTEMS

EJ:  
Attachment

Copied to: City Manager

