



**STAFF REPORT
ACTION REQUIRED**

All Way Stop Control: Armour Boulevard and Romney Road

Date:	October 28, 2013
To:	North York Community Council
From:	Director, Transportation Services, North York District
Wards:	Ward 10 – York Centre
Reference Number:	<i>p:\2013\ClusterB\TRA\NorthYork\ny13123</i>

SUMMARY

This staff report is about a matter that Community Council has delegated authority to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

To deny the request for the installation of an All Way Stop Control at the intersection of Armour Boulevard and Romney Road.

The existing traffic and roadway conditions do not warrant the introduction of an All Way Stop Control at the above-noted intersection.

RECOMMENDATIONS

Transportation Services, North York District recommends that North York Community Council:

1. Deny the installation of an All Way Stop Control at the intersection of Armour Boulevard and Romney Road.

Financial Impact

There is no financial impact associated with the adoption of this report.

ISSUE BACKGROUND

Transportation Services, North York District, was requested by the Ward Councillor to review the feasibility of installing an All Way Stop Control at the intersection of Armour Boulevard and Romney Road due to high volumes of traffic on Armour Boulevard travelling southbound to access Avenue Road.

COMMENTS

Armour Boulevard from York Downs Drive to Sandringham Drive is approximately 340 metres in length and is designated as a collector roadway with a posted speed limit of 40 km/h. Currently, eastbound and westbound traffic on Romney Road are required to stop at Armour Boulevard. Existing northbound and southbound stop controls are located 131 metres to the north at York Downs Drive and 180 metres to the south at Sandringham Drive. It should also be noted that traffic calming in the form of two speed humps exist on this section of roadway.

The area is comprised entirely of single family residential properties, with an elementary school (Summit Heights Public School) located on Armour Boulevard south of Bombay Avenue which is approximately 500 metres south of the intersection of Armour Boulevard and Romney Road.

A municipal sidewalk is located on the east side of the roadway.

To assess existing traffic conditions at the intersection of Armour Boulevard and Romney Road, this Division conducted an all way stop study, updated vehicle and pedestrian volumes, assessed the existing roadway geometry and collected intersection collision statistics.

The results of the study are as follows:

	Armour Boulevard and Romney Road	Actual	Required	Satisfied (YES/NO)
<i>A</i>	Collision History	0/3 yrs	9/3 yrs	NO
<i>B1</i>	Total Vehicle Volumes	319	375/avg hr	NO
<i>B2</i>	Combined Vehicle & Pedestrian Volumes Crossing Major Road	66	150/avg hr	NO
<i>B3</i>	Percentage of Traffic on Major Road	81	≤ 70	NO
	Overall Warrant			NO

In order for the all way stop "Overall Warrant" to be warranted, either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be achieved.

In reviewing the three-year collision history, there have been zero collisions of a type susceptible to correction by the installation of an All Way Stop Control at the above noted intersection. Motorist and pedestrian sight lines were found to be clear and unobstructed for all approaches to the intersection.

It should be noted that the installation of unwarranted stop signs may lead to a high level of non-compliance, which may result in an increase in the number of collisions and the reduction in the level of safety for both motorists and pedestrians.

Accordingly in view of the above, this Division does not recommend the installation of stop sign on Armour Boulevard at Romney Road.

The Ward Councillor has been advised of the recommendation in this staff report.

CONTACT

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SIGNATURE

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Director

ATTACHMENTS

Attachment 1: Map – Armour Boulevard and Romney Road: All Way Stop Control