

COMMITTEE OF THE WHOLE – NOVEMBER 3, 2008

SCHOOL CROSSING GUARD DR. ROBERTA BONDAR PUBLIC SCHOOL

Recommendation

The Commissioner of Engineering and Public Works in consultation with the Director of Human Resources recommends:

That a supervised school crossing be implemented for the north and east sides of the intersection of Grand Trunk Avenue and Ivy Glen Drive.

Economic Impact

Sufficient funding is available in the 2008 Operating Budget to permit implementation of the supervised school crossing as soon as the pavement marking and recruitment processes are complete. The ongoing cost of operation will be incorporated into future Operating Budgets.

Communications Plan

Engineering Services staff will advise the school and the school board of Council's decision in this matter.

Purpose

To review the need for a supervised school crossing at the intersection of Grand Trunk Avenue and Ivy Glen Drive and the intersection of Peter Rupert Avenue and Ivy Glen Drive.

Background - Analysis and Options

Staff received a request from the Principal of Dr. Roberta Bondar Public School for a school crossing guard in front of Dr. Roberta Bondar Public School. Dr. Roberta Bondar Public School is located on the south-east corner of Grand Trunk Avenue and Ivy Glen Drive. Staff received the school's boundary map from York Region District School Board to assist with the possible locations of school crossing guards. There are 99 students in the north-east zone where the boundaries are from Dufferin Street to Peter Rupert Avenue and from Major Mackenzie to Maurier Boulevard. A total of 102 students reside in the north-west zone where the boundaries are from Peter Rupert Avenue to the CN Railway and from Major Mackenzie to Maurier Boulevard. Refer to Attachment No. 1 for the location of Dr. Roberta Bondar Public School, and Attachment No. 2 for the catchment area.

Two locations were studied: the intersection of Grand Trunk Avenue and Ivy Glen Drive and Peter Rupert Avenue and Ivy Glen Drive.

Grand Trunk Avenue and Ivy Glen Drive

A pedestrian crossing study was conducted on September 23, 2008 from 7:30am to 8:30am and 2:20pm to 3:10pm at the intersection of Grand Trunk Avenue and Ivy Glen Drive. On the day of the study, the weather was clear and sunny. The results are summarized below:

Time	North Side	South Side	East Side	West Side
AM (7:30 – 8:30)	5 (2)	7 (4)	12 (3)	7 (4)
PM (2:20 – 3:10)	10 (0)	14 (9)	18 (0)	1 (1)
Total	15 (2)	21 (13)	30 (3)	8 (5)

Please note that the bold number is the number of students crossing unassisted and the number in brackets is the number of students crossing with assistance from an adult.

There were 74 unassisted primary school students crossing the intersection and 25 students crossing with adults. A school crossing guard is recommended in accordance with the Council approved warrant when the number of unassisted children crossing the road exceeds 50 in the peak hour.

At the intersection of Grand Trunk Avenue and Ivy Glen Drive, there are sidewalks at each corner except the southwest corner. This area is still under construction.

Based on the study results, there were 17 students crossing Grand Trunk Avenue from the north side of the intersection and 34 students from the south side of the intersection. There are no houses or sidewalks on the south side of Ivy Glen Drive from Grand Trunk Avenue to Oberfrick Avenue. There is a sidewalk on the north side of Ivy Glen Drive. Therefore, staff recommends that a supervised school crossing be implemented on the north side of the intersection of Grand Trunk Avenue and Ivy Glen Drive. There were 33 students crossing the east side of the intersection. Therefore, staff also recommends that a supervised school crossing be implemented on the east side of the intersection of Grand Trunk Avenue and Ivy Glen Drive. This means the guard would cross children in an “L” type, north and east side, at the intersection as per the approved Crossing Guard criteria.

Health and Safety staff have advised that there are no significant impediments to placing a crossing guard at this location.

There are funds allocated in the 2008 Operating Budget for the addition of a crossing guard at this school. The supervised school crossing will be implemented once the appropriate pavement markings and signs are placed and the requirement process is complete.

Peter Rupert Avenue and Ivy Glen Drive

Staff conducted a pedestrian crossing study on September 24, 2008 from 7:30am to 8:30am and 2:20pm to 3:10pm at the intersection of Ivy Glen Drive and Peter Rupert Avenue. On the day of the study, the weather was clear and sunny. The results are summarized below:

Time	North Side	South Side	East Side	West Side
AM (7:30 – 8:30)	0 (0)	0 (0)	2 (0)	0 (0)
PM (2:20 – 3:10)	2 (6)	3 (0)	1 (0)	0 (0)
Total	2 (6)	3 (0)	3 (0)	0 (0)

There were 8 unassisted primary school students crossing the intersection and 6 students crossing with adults. The warrant is not met due to the low number of children crossing at the intersection. Staff does not recommend implementing a supervised school crossing at the intersection of Ivy Glen Drive and Peter Rupert Avenue.

Relationship to Vaughan Vision 2020

Enhance and Ensure Community Safety, Health and Wellness – To advocate for, protect and enhance community safety, health and wellness through education, design and enforcement.

This report is consistent with the priorities previously set by Council.

Regional Implications

Not Applicable.

Conclusion

Based on staff's review, it is recommended that a supervised school crossing be implemented for the north and east sides of the intersection of Grand Trunk Avenue and Ivy Glen Drive. There are sufficient funds in the 2008 Operating Budget to permit implementation as soon as the appropriate pavement markings and signs are placed and the recruitment process is complete.

Attachments

1. Location Map
2. Dr. Roberta Bondar Public School Catchment Area

Report prepared by:

David Fan, Traffic Analyst, Ext. 3109
Mike Dokman, Supervisor Traffic Engineering, Ext. 3118

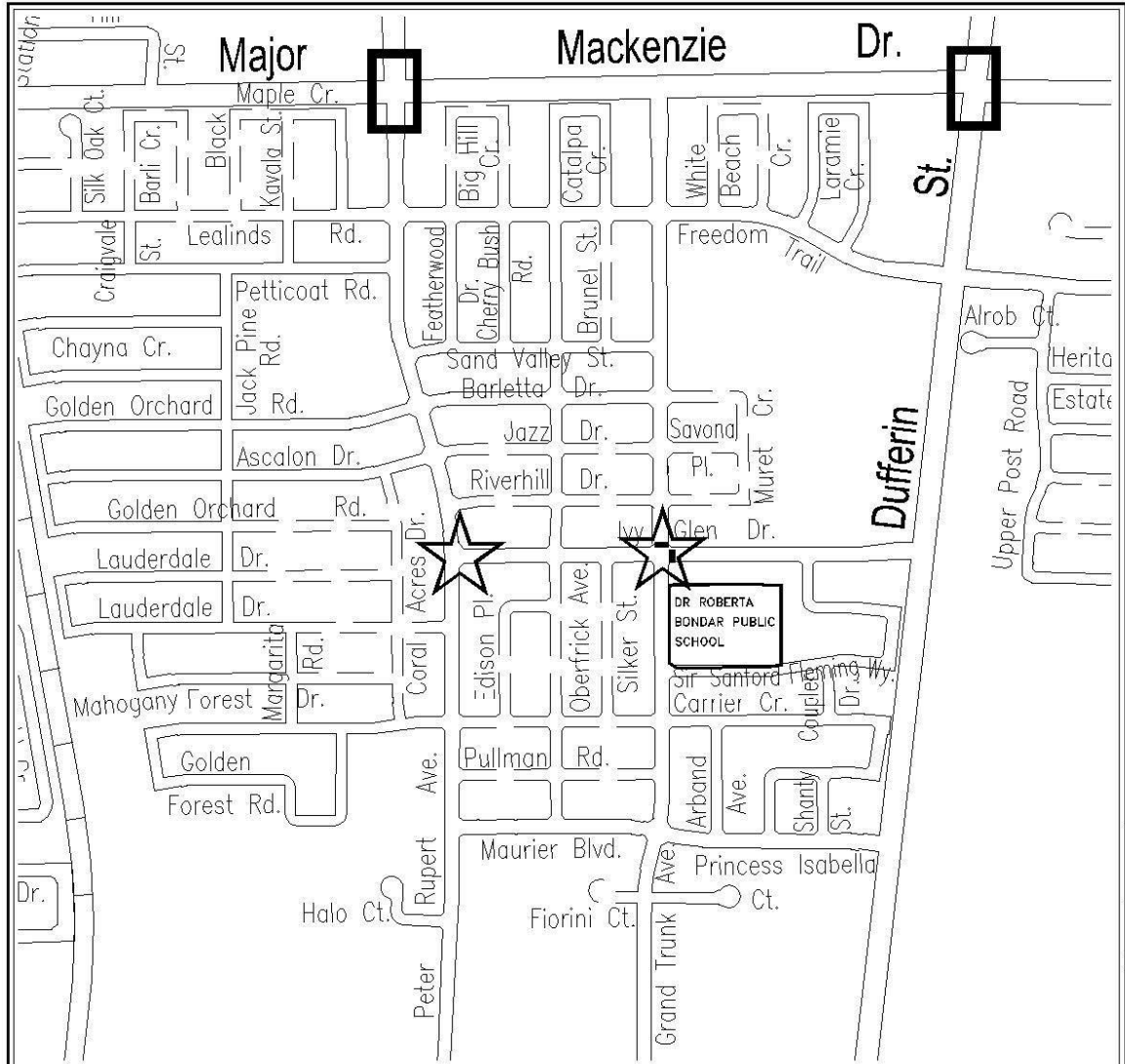
Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

Debbie Korolnek, P. Eng.
Director of Engineering Services




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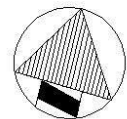
ATTACHMENT No. 1



GRAND TRUNK AVENUE & IVY GLEN DRIVE PROPOSED SCHOOL CROSSING GUARD

LEGEND

-  INTERSECTION UNDER REVIEW
-  PROPOSED SCHOOL CROSSING
-  EXISTING TRAFFIC SIGNALS



NOT TO SCALE

ATTACHMENT NO. 2

Dr. Roberta Bondar PS Catchment Area




 Prepared by: Planning and Property Development Services
 101 York Region District School Board July 2008.
 Report from the Fall Report on the Catchment Area of May 08.

0 Kilometers
 0.185 Kilometers
 0.370 Kilometers
 0.740 Kilometers
 0 Meters
 185 Meters
 370 Meters
 740 Meters
 201 Students in Catchment Area as of May 08