

COMMITTEE OF THE WHOLE – JANUARY 17, 2005

SANTA BARBARA PLACE – (WESTON DOWNS) TURN PROHIBITION – SURVEY RESULTS

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. That this report on staff's findings regarding the results of the turn prohibition survey be received;
2. That subject to final survey results, the following turn prohibitions not be implemented:
 - i. Right turn prohibition at the intersection of Velmar Drive and Blackburn Boulevard, between the hours of 7:00 am to 9:00 am, Monday to Friday;
 - ii. Right turn prohibition at the intersection of Velmar Drive and Santa Barbara Place, between the hours of 7:00 am to 9:00 am, Monday to Friday;
 - iii. Right turn prohibition at the intersection of Velmar Drive and Radley Street, between the hours of 7:00 am to 9:00 am, Monday to Friday;
 - iv. Right turn prohibition at the intersection of Valeria Boulevard and Columbus Avenue, between the hours of 4:00 pm to 6:00 pm, Monday to Friday; and
 - v. Right turn prohibition at the intersection of Valeria Boulevard and Santa Barbara Place, between the hours of 4:00 pm to 6:00 pm, Monday to Friday.
- iv. Right turn prohibition at the intersection of Velmar Drive and Kingsnorth Boulevard between the hours of 4:00pm to 8:00pm, Monday to Friday.

Purpose

To report on the results of the turn prohibition survey as of December 31, 2004 in the Weston Downs Community.

Background

At its meeting on November 29, 2004, Committee recommended:

- 1) **That the recommendation contained in the following report of the Commissioner of Engineering and Public Works, dated November 29, 2004, be approved subject to the following.**

- **That Clause 7 be replaced with the following:**

“That the above turn prohibitions be implemented and that a report be brought forward with the results of the survey, prior to enactment of the implementing by-law”;

- **That Clause 5 be replaced with the following:**

“That a left turn prohibition be implemented at the intersection of Valeria

Boulevard and Columbus Avenue, between the hours of 4:00 pm to 8:00 pm, Monday to Friday”;

- **That Clause 6 be replaced with the following:**

“That a left turn prohibition be implemented at the intersection of Valeria Boulevard and Santa Barbara Place, between the hours of 4:00 pm to 8:00 pm, Monday to Friday”;

- 2) **That a right turn prohibition be implemented at the intersection of Velmar Drive and Kingsnorth Boulevard, between the hours of 7:00 am to 9:00 am, Monday to Friday;**
- 3) **That exemptions for turning prohibitions be given to school buses and York Region Transit, at all subject intersections;**
- 4) **That a letter survey be undertaken on the following streets: Velmar Drive (both sides between Blackburn Boulevard and Santa Barbara Place), Boddy Court, Radley Street, Columbus Avenue, Galloway Drive, Santa Barbara Place (both sides, between Velmar Drive and Valeria Boulevard) and brought forward to the Committee of the Whole meeting January 17, 2004, with respect to the turning prohibitions;**
- 5) **That staff provide a report with respect to traffic infiltration, volumes and accident statistics for 2004; and**
- 6) **That the following deputations and written submission, be received;**
 - a) **Dr. Mike Pizzuto, 110 Santa Barbara Place, Woodbridge, L4L 8J6, and written submission dated November 29, 2004;**
 - b) **Ms. Maria Tari, 136 Santa Barbara Place, Woodbridge, L4L 8J6; and**
 - c) **Mr. Nat Tari, 136 Santa Barbara Place, Woodbridge, L4L 8J6.**

At its meeting on December 6, 2004, Council adopted the Committee of the Whole report amended as follows:

“By approving the recommendation of the Commissioner of Engineering and Public Works, dated November 29, 2004; and

By approving Clauses 2, 3, 4, 5, and 6 of the Committee of the whole recommendation.”

Santa Barbara Place is a local residential street and the existing speed limit is posted at 40 km/h. Existing all-way stop controls are on Santa Barbara Place at the intersections of Velmar Place, Columbus Avenue, and Valeria Boulevard. There are three existing speed humps on Santa Barbara Place located between #19 and #25 Santa Barbara Place, at #79 Santa Barbara Place, and between #130 and #136 Santa Barbara Place. Refer to Attachment No. 1.

The collision history on Santa Barbara Place from 2001 to 2003 shows a total of three collisions. Two turning movement collisions occurred at the intersection of Santa Barbara Place and Galloway Drive. The third collision occurred at #1 Santa Barbara Place when a driver lost control of a vehicle and struck a parked car. There were no reported vehicle collisions in 2004.

Staff collected speed and volume data on Santa Barbara Place south of Galloway Drive and south of Kingsnorth Boulevard from March 24, 2004 to March 26, 2004. The collected speed and

volume data covered a 24-hour time period and is summarized below and shown on Attachment No. 2:

DATE	TIME	LOCATION	DIRECTION	AVERAGE SPEED	24 HOUR VOLUME
March 24-26, 2004	24 hour	South of Galloway Drive	Northbound	42	2163
March 24-26, 2004	24 hour	South of Galloway Drive	Southbound	44	2046
March 24-26, 2004	24 hour	South of Kingsnorth Boulevard	Northbound	40	1944
March 24-26, 2004	24 hour	South of Kingsnorth Boulevard	Southbound	38	1816

The average speeds on Santa Barbara Place range from 38 to 44 km/h indicating a high level of compliance with the posted speed limit. With the existence of the three speed humps and an all-way stop control between Velmar Drive and Valeria Boulevard, speeding is virtually controlled along Santa Barbara Place.

Staff conducted an infiltration study on Santa Barbara Place between Velmar Drive and Valeria Boulevard during the AM and PM peak periods on March 31, 2004 in order to determine the amount of "cut through traffic". The following table summarizes the results of this investigation.

Infiltration Pattern	AM Peak Period 7:30-9:00		PM Peak Period 3:00-5:30	
	Vehicles	% of Entering Traffic	Vehicles	% of Entering Traffic
Velmar Drive to Valeria Boulevard	212	62.2%	149	60.8%
Valeria Boulevard to Velmar Drive	56	41.5%	252	40.4%

Traffic infiltration is normally defined as "vehicular traffic passing through an area when the vehicle operator does not have a destination in the area". Generally, the threshold value above which through traffic is defined as infiltration is 30%. From the table above, the cut through traffic exceeds the threshold. Traffic volumes are much higher during school start and dismissal times due to parent pick-up and drop-off activities at St. Clare Catholic School located on Velmar Drive opposite Santa Barbara Place. The side streets off Santa Barbara Place such as Blackburn Boulevard, Galloway Drive, Columbus Avenue and Kingsnorth Boulevard would account for some of the volume on Santa Barbara Place. These roadways have secondary access points onto other roads within the subdivision.

Survey Results

Staff prepared a survey that was mailed out to 320 homes (as per the street listing approved by Council) on Friday, December 17, 2004. Refer to Attachment 3. The survey asked that residents return the completed forms by January 7, 2005. As of December 31, 2004 staff have received 97 responses either by telephone, email or facsimiles. To date, there are 86 (89%) responses not in favour of the proposed turning prohibitions and 11 (11%) responses in favour of the turning prohibitions.

It was brought to the attention of staff, that residents from outside the initial survey area limits have been informed about the survey by various means and will submit their responses by the January 7, 2005 date. Since staff continue to receive responses, including those from residents outside the initial survey area, an additional information report will be brought forward to the Committee meeting on January 17, 2005 with additional survey results.

Relationship to Vaughan Vision 2007

This traffic study is consistent with Vaughan Vision 2007 as to ensure enhanced safety standards are incorporated in community designs (1.1.2).

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

Conclusion

This report details the survey results as of December 31, 2004 in the Weston Downs Community. Given the timelines for preparing this report, staff are only able to report on results received to December 31, 2004. Staff will prepare a further information report following the January 7, 2005 survey return date summarizing all results.

Attachments

1. Location Map
2. Santa Barbara - 24 Hour Traffic Volumes Map
3. Proposed Turning Prohibition Survey

Report prepared by

Mike Dokman, Supervisor, Traffic Engineering, ext. 8031

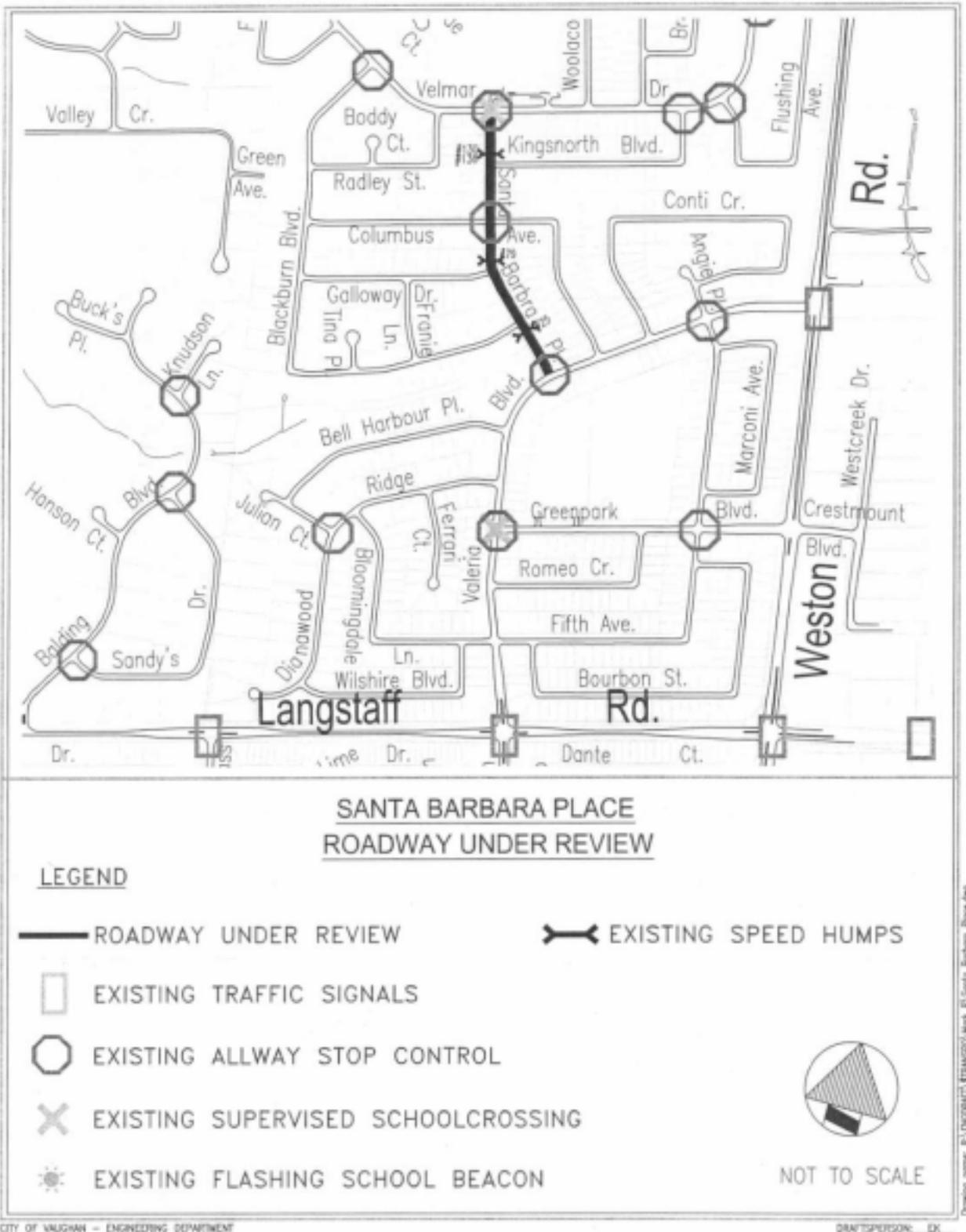
Respectfully submitted,

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

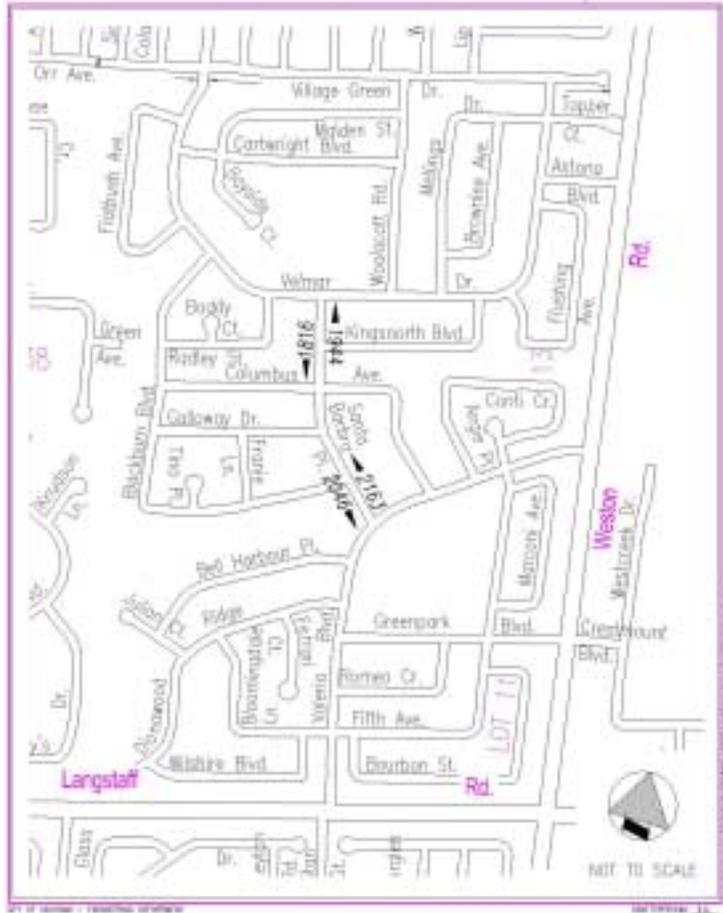
Gary Carroll, P. Eng.,
Director of Engineering Services

:MD

ATTACHMENT No. 1



**SANTA BARBARA PLACE
24 HOUR TRAFFIC VOLUMES - MARCH, 2004**



December 17, 2004

TURNING PROHIBITIONS SANTA BARBARA PLACE (WESTON DOWNS) FEEDBACK REQUESTED

At their meeting on December 7, 2004 City of Vaughan Council approved turning prohibitions at the following intersections as indicated below:

1. A 'right turn' prohibition at the intersection of Velmar Drive and Blackburn Boulevard, between the hours of 7:00am to 9:00am, Monday to Friday.
2. A 'right turn' prohibition at the intersection of Velmar Drive and Santa Barbara Place, between the hours of 7:00am to 9:00am, Monday to Friday.
3. A 'right turn' prohibition at the intersection of Velmar Drive and Kingsnorth Boulevard, between the hours of 7:00am to 9:00am, Monday to Friday.
4. A 'right turn' prohibition at the intersection of Velmar Drive and Radley Street, between the hours of 7:00am to 9:00am, Monday to Friday.
5. A 'left turn' prohibition at the intersection of Valeria Boulevard and Columbus Avenue, between the hours of 4:00pm to 8:00pm, Monday to Friday.
6. A 'left turn' prohibition at the intersection of Valeria Boulevard and Santa Barbara Place, between the hours of 4:00pm to 8:00pm, Monday to Friday.

The above turning prohibitions may be considered at the intersections, if there is resident support of 66.6% of those surveyed. Final approval of the turning prohibitions will be by City of Vaughan Council.

The City of Vaughan Engineering Staff would like your feedback regarding the above turning prohibitions within your neighbourhood.

- Yes, I am in favour of implementing the proposed turning prohibitions within the neighbourhood.
- No, I am not in favour of implementing the proposed turning prohibitions within the neighbourhood.

For tracking purposes please provide your address: _____

Kindly return this survey no later than **January 7, 2005**, by any of the following methods.

Mail: Mike Dokman, Supervisor, Traffic Engineering, Engineering Department, 2141 Major Mackenzie Drive, Vaughan, ON, L6A 1T1 (Tel: 905-832-8525, ext. 8031)

E-Mail: mike.dokman@vaughan.ca

Facsimile: 905-832-6145, Attention: Mike Dokman

THANK YOU FOR YOUR INPUT