



STAFF REPORT ACTION REQUIRED

Proposed Speed Limit Reduction on Bernadine Street

Date:	June 11, 2008
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 38 – Scarborough Centre
Reference Number:	P:\2008\Cluster B\TRA\Scarborough\sc08045 D08-2830723 (D08-549) Bernadine Street Speed Reduction

SUMMARY

This staff report is about a matter for which the Community Council has delegated authority from City Council to make a final decision.

This report provides the results of traffic studies conducted on Bernadine Street where a 40 kilometre per hour (km/h) speed limit is technically justified and recommended for implementation over the entire length of the subject roadway.

In addition, while reviewing area signage, Transportation Services staff also identified an uncontrolled three-way intersection in the immediate area (Flintwick Drive at Hurley Crescent).

It is recommended that a minor street stop sign be installed at this subject uncontrolled three-way intersection to clearly define the right-of-way and to regulate traffic flow.

RECOMMENDATIONS

Transportation Services, Scarborough District, recommends that Scarborough Community Council:

1. Adopt the 40 kilometre per hour speed limit on Bernadine Street and adopt the “Compulsory Stops” regulation for Flintwick Drive at Hurley Crescent, as identified in Appendix 1 of this report, and
2. Amend the appropriate by-laws accordingly.

Financial Impact

The financial cost of installing the posted speed limit signs as well as the stop sign at the uncontrolled three-way intersection is approximately \$1,750.00. Funding for the signs is available in the Transportation Services 2008 Operating Budget, within Cost Centre TP0226.

ISSUE BACKGROUND

Further to a request by Councillor De Baeremaeker regarding speeding concerns on Bernadine Street near St. Victor Catholic School, Transportation Services staff reviewed the feasibility of reducing the speed limit from 50 km/h to 40 km/h on this roadway.

The justification for introducing a 40 km/h speed limit is based on the technical warrant for this purpose adopted for use in the City of Toronto.

COMMENTS

Several characteristics describing Bernadine Street and the subject uncontrolled three-way intersection of Flintwick Drive at Hurley Crescent are:

- The roadways are all located in the community east of Brimley Road, and south of Ellesmere Road, within the Bendale neighbourhood.
- The land use on Bernadine Street consists of single family residential dwellings as well as elementary school use (St. Victor Catholic School).
- Bernadine Street is a two-lane local road with a pavement width of 8.5 metres. It has an existing “default” unsigned 50 Km/h speed limit.
- All intersections within the subdivision are controlled by stop signs with the exception of northbound Flintwick Drive at Hurley Crescent.
- Sidewalks are located on both sides of Bernadine Street as well as on both sides of Flintwick Drive and Hurley Crescent.

40 Km/h Speed Limit Warrant

Application of this warrant reveals that a 40 km/h speed limit is appropriate on Bernadine Street. Specifically, the “Pedestrian Environment” category of the 40 km/h Speed Limit Warrant is satisfied due to the presence of an elementary school adjacent to the roadway.

When installed, the 40 km/h speed limit will be consistent with the traffic environment of the community.

Uncontrolled Three-Way Intersection

A minor street stop sign is recommended on Flintwick Drive at Hurley Crescent, to provide stop sign uniformity, to clearly define the right-of way and to encourage motorists to stop before the sidewalk to enhance driver and pedestrian safety.

When installed, the subject stop sign will help to clarify road right-of-way, regulate traffic flow and enhance public safety.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Appendix 1 – By-law Amendment (enact)
2. Location Plan – (Proposed 40 Km/h Speed Limit – Bernadine Street)

Appendix 1

“Maximum Rate of Speed – 40 Kilometres Per Hour”
Regulations to be enacted

Column 1 <u>Highway</u>	Column 2 <u>From</u>	Column 3 <u>To</u>
Bernadine Street	Brimley Road	Packard Boulevard

“Compulsory Stops”
Regulation to be Enacted

Column 1 <u>Intersection</u>	Column 2 <u>Stop Street</u>
Flintwick Drive and Hurley Crescent	Flintwick Drive