



STAFF REPORT ACTION REQUIRED

Proposed Speed Limit Reduction on Applefield Drive, Tordale Crescent and Waterfield Drive

Date:	October 30, 2007
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 37 – Scarborough Centre
Reference Number:	P:\2007\Cluster B\TRA\Scarborough\sc07068 D07-2016 Request for a 40 Km/h Speed Limit

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 Applefield Drive, Tordale Crescent and Waterfield Drive, where a 40 kilometre per hour (km/h) speed limit is technically justified and recommended for implementation over the entire length of the subject roadways.

RECOMMENDATIONS

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

1. Adopt the 40 kilometre per hour speed limit on Applefield Drive, Tordale Crescent and Waterfield Drive as identified in Appendix 1 of this report, and
2. Amend the appropriate by-law accordingly.

Financial Impact

The financial cost of installing these posted speed limit signs is approximately \$3,000.00. Funding for the signs is available in the Transportation Services 2007 Operating Budget, within Cost Centre TP0226.

ISSUE BACKGROUND

Further to a request by Councillor Michael Thompson regarding speeding concerns on Applefield Drive, Tordale Crescent and Waterfield Drive, Transportation Services staff reviewed the feasibility of reducing the speed limit from 50 km/h to 40 km/h on these roadways.

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 the subject portion of the Bendale Neighbourhood include:

- The land use on Applefield Drive, Tordale Crescent and Waterfield Drive consists of single family residential dwellings.
- Applefield Drive, Tordale Crescent and Waterfield Drive are two-lane local roads with pavement widths of 8.5 metres, carrying approximately 789, 347 and 396 vehicles per day (vpd), respectively.

40 Km/h Speed Limit Warrant

Application of this warrant reveals that a 40 km/h speed limit is appropriate on Applefield Drive, Tordale Crescent and Waterfield Drive. Specifically, “Road and Traffic Environment” and the “Pedestrian Environment” categories of the 40 km/h Speed Limit Warrant are satisfied due to the presence of numerous curves and a park adjacent to the road through which children gain access to an elementary school.

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

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 – Bendale Neighbourhood)

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>
Applefield Drive	Brimley Road, North intersection	Brimley Road, South intersection
Tordale Crescent	Applefield Drive, North intersection	Applefield Drive, South intersection
Waterfield Drive	Brimley Road	West limit of Waterfield Drive