

Speed Limit – Briar Dale Boulevard

Date: December 10, 2018
To: Scarborough Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 20 – Scarborough Southwest

SUMMARY

This report is about a matter that Community Council has delegated authority from City Council to make a final decision.

The purpose of this staff report is to advise on the feasibility of installing a 40 km/h speed limit on Briar Dale Boulevard between Fallingbrook Road and Woodland Park Road. The 40 km/h speed limit is justified based on the Pedestrian Environment portion of the 40 km/h speed limit warrant as per City Council Policy.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services recommends that:

1. Scarborough Community Council reduce the speed limit from 50 km/h to 40 km/h on Briar Dale Boulevard, between Fallingbrook Road and Woodland Park Road.

FINANCIAL IMPACT

The financial cost of installing the speed limit signs on Briar Dale Boulevard is approximately \$2,000.00. All costs associated with the necessary signage installation are included within the Transportation Services 2019 Interim Operating Budget, within Cost Centres TP0397.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

As a result of public request, Transportation Services staff reviewed this roadway to determine whether a reduction of the speed limit from 50 km/h to 40 km/h is justified.

Existing Conditions

- Briar Dale Boulevard is designated as a two-way east-west road with unposted speed limit of 50 km/h.
- Briar Dale Boulevard has a daily traffic volume of approximately 750 vehicles per day (vpd).
- There are no municipal sidewalks on either side of this street and the road width is less than 8.5 metres.
- Briar Dale Boulevard is located in the Birchcliffe-Cliffside neighbourhood.
- The land use in the surrounding area consists mainly of single family residential dwellings.

Analysis

Vehicle Volume and Speed Study

The results of a 24-hour vehicle volume study on Thursday June 7, 2018, revealed that the recorded daily vehicle volume on Briar Dale Boulevard approximately 752 vehicles per day. The vehicle volume range for a local road classification is less than 2,500 vehicles per day. The current traffic volume on Briar Dale Boulevard is functioning lower than the vehicle volume limit of a local road.

The speed study revealed that the 85th percentile (speed at which 85 percent of motorists travel at or below) on Briar Dale Boulevard ranges from 39 km/h to 40 km/h for eastbound vehicles and ranges from 37 km/h to 44 km/h for westbound vehicles. The 85th percentile operating speed range of 37 km/h to 44 km/h is consistent with a lower speed limit of 40 km/h on the subject road section on Briar Dale Boulevard.

Based on the 40 km/h Speed Limit Warrant, Briar Dale Boulevard between Fallingbrook Road and Woodland Park Road meets the technical requirements to reduce the speed limit from 50 km/h to 40 km/h. A 40 km/h speed limit is justified on Briar Dale Boulevard because the Pedestrian Environment category of the 40 km/h speed limit warrant is met since the road width being less than 8.5 metres, and the absence of sidewalks on either side of Briar Dale Boulevard.

A review of the collision records revealed that during the three-year period ending December 31, 2017, there has been no reported speed related collisions.

CONTACT

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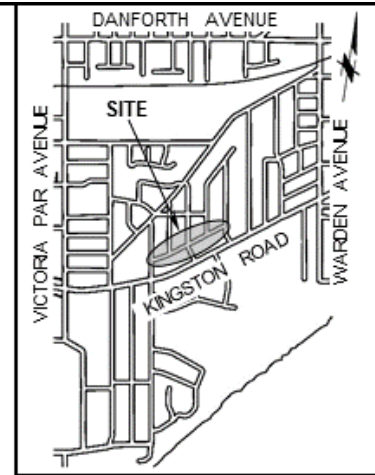
ATTACHMENTS

1. Location Plan (/Speed Limit - Briar Dale Boulevard)

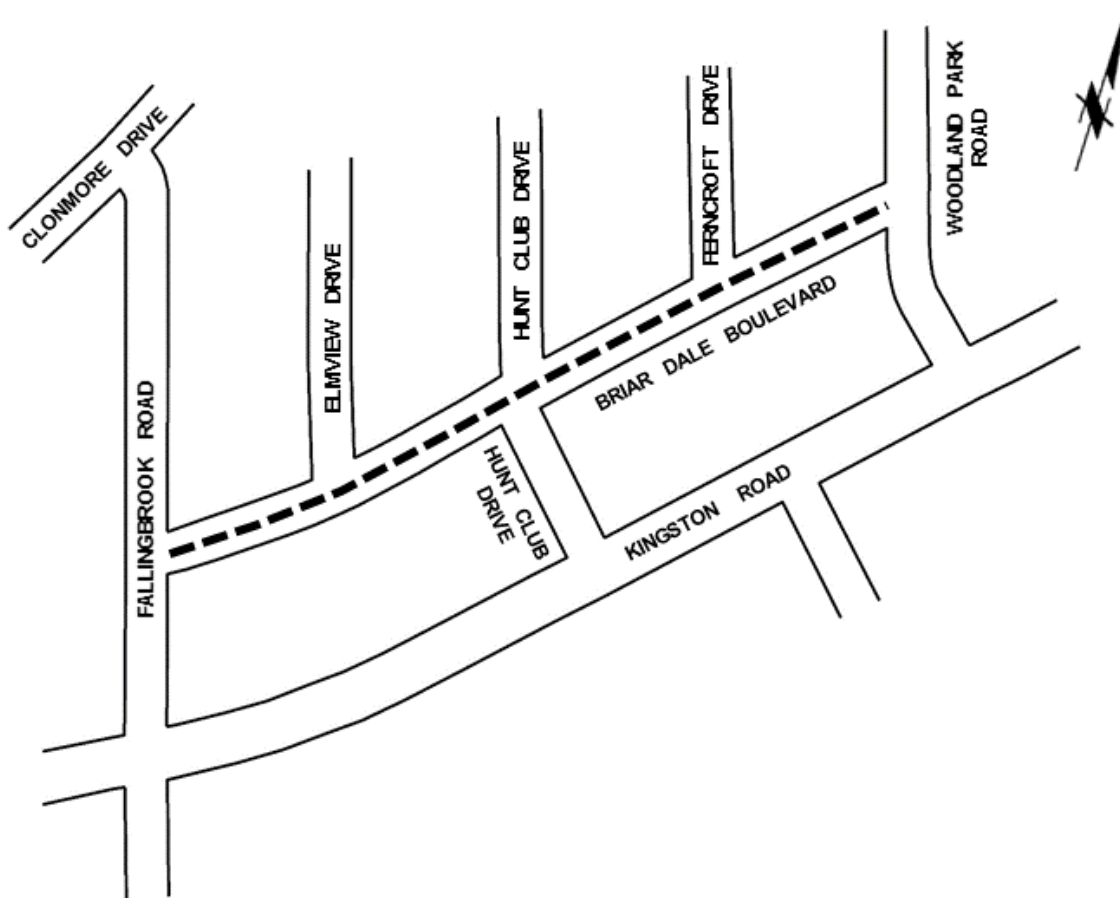
LEGEND

MAXIMUM
40

PROPOSED 40 km/h SPEED LIMIT
FROM EXISTING 50km/h



KEY MAP



LOCATION MAP



TRANSPORTATION SERVICES

TRAFFIC OPERATIONS
Scarborough District

SCALE:	N.T.S.
DATE:	NOV., 2018
DRAFTING:	O.K.

SPEED LIMIT BRIAR DALE BOULEVARD

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ATTACHMENT 1	WARD 20