

Speed Limit Reduction - Guildwood Parkway

Date: September 21, 2016
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 43 - Scarborough East

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 recommends that a 40 km/h speed limit on Guildwood Parkway, between Poplar Road and Morningside Avenue, be adopted. Currently, the speed limit is a signed 50 km/h on Guildwood Parkway, between Poplar Road and Morningside Avenue.

RECOMMENDATIONS

The Director, Transportation Services, Scarborough District recommends that:

1. Scarborough Community Council reduce the speed limit from 50 km/h to 40 km/h on Guildwood Parkway, between Poplar Road and Morningside Avenue.

FINANCIAL IMPACT

The financial cost of posting the speed limit signs is approximately \$1,500.00. Funding for the signs would be available in the Transportation Services Division's 2016 Operating Budget, within Cost Centre TP0397.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

As a result of a 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.

The following characteristics describe Guildwood Parkway, between Poplar Road and Morningside Avenue:

- The subject portion of Guildwood Parkway between Poplar Road and Morningside Avenue is a two lane east-west roadway.
- The subject road is located south of Kingston Road and west of Morningside Avenue.
- The speed limit on Guildwood Parkway is 50 km/h from Kingston Road to Livingston Road, 40 km/h from Livingston Road to Poplar Road and 50 km/h from Poplar Road to Morningside Avenue.
- Jack Miner Senior Public School is located on the south side of Guildwood Parkway approximately 170 metres west of Poplar Road.
- The pavement width is approximately 9.8 metres along this portion.
- The land uses on this portion of roadway are primarily single family residential homes.
- There are sidewalks on the north side of the subject portion of Guildwood Parkway.
- Guildwood Parkway is classified as a minor arterial roadway, and the recorded 24 hour vehicle volumes, along the subject portion, fall below (4,297 vehicles) the typical values for this roadway classification (8,000 to 20,000 vehicles per day).
- The 85th percentile speed recorded over 24 hours on Wednesday, March 9, 2016 on Guildwood Parkway, east of Scarcliff Gardens, within the 50 km/h speed limit zone, was 55 km/h eastbound (2,173 vehicles) and 56 km/h westbound (2,124 vehicles).

40 Km/h Speed Limit Warrant

In order for a 40 km/h speed limit to be warranted, various traffic conditions must be assessed such as street width, pedestrian conditions, and the road and traffic environment. Our investigation indicates that the 40 km/h speed limit is not numerically justified at this time because none of the warrant criteria are met. In addition, the average 85th percentile speed is greater than 50 km/h (actual 55.5 km/h) on the subject roadway.

However, in order to maintain speed zone continuity between this 0.5 km portion of Guildwood Parkway that terminates at Morningside Avenue, and the longer 1.2 km portion further west with similar roadway dimensions and characteristics that is currently 40 km/h, staff recommend an eastward extension of this 40 km/h speed zone up to Morningside Avenue, under these particular circumstances.

There were no reported speed related collisions within the last complete five years of collision history on Guildwood Parkway, from Poplar Road to Morningside Avenue.

CONTACT

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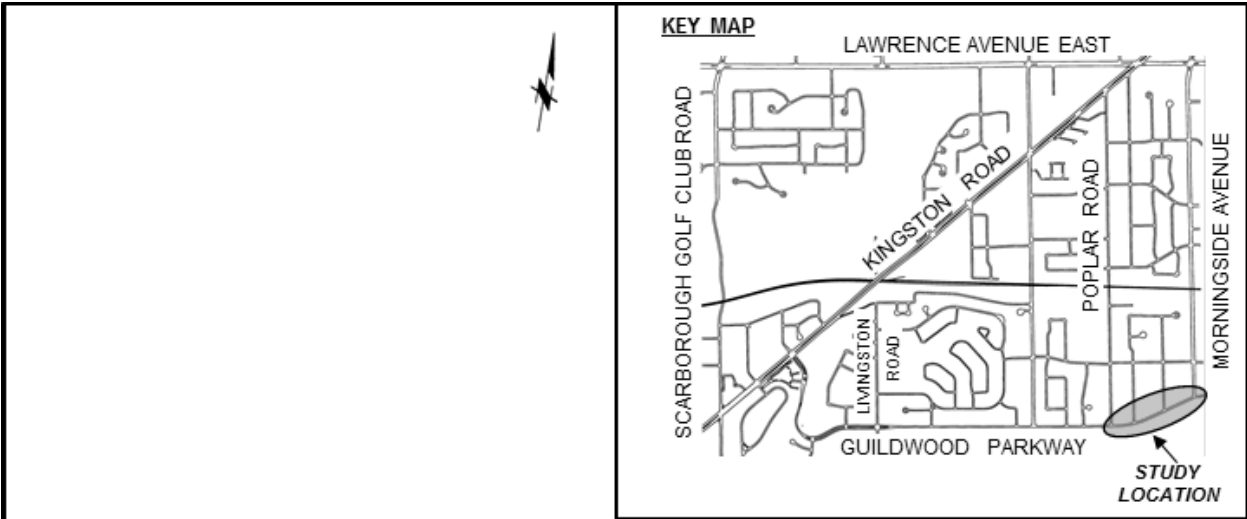
John Mende, P.Eng.
Director, Transportation Services, Scarborough District

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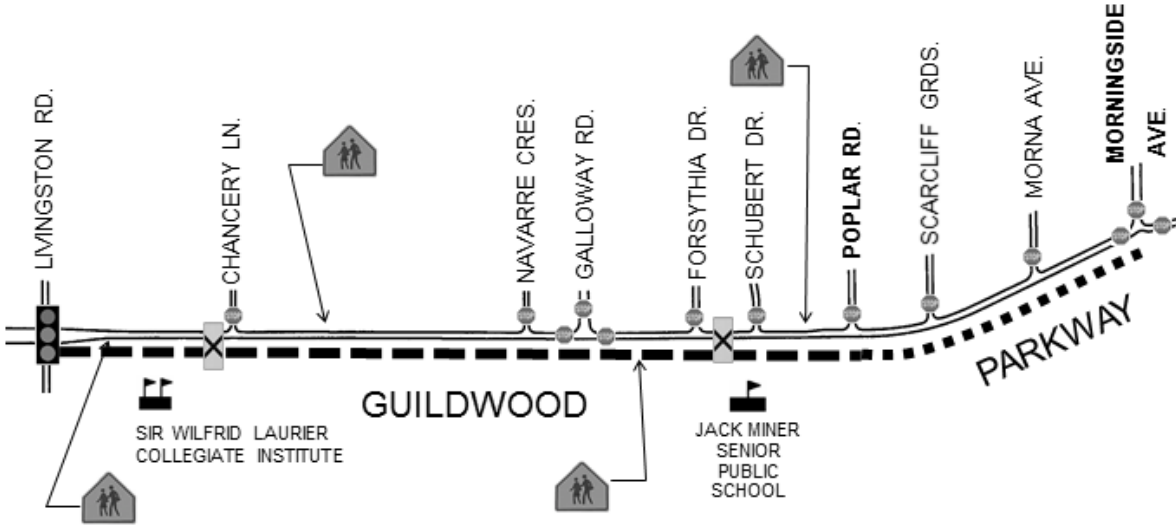
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ATTACHMENTS

1. Location Plan (Speed Limit Reduction – Guildwood Parkway)



LOCATION MAP



LEGEND

- TRAFFIC CONTROL SIGNALS
- PEDESTRIAN CROSSOVER
- COMPULSORY STOP SIGNS

- EXISTING 50 KM/H STUDIED FOR 40 KM/H SPEED LIMIT
-
- EXISTING 40 KM/H SPEED LIMIT
-

Toronto TRANSPORTATION SERVICES

TRAFFIC OPERATIONS
Scarborough District

SCALE:	N.T.S.
DATE:	SEPT., 2016
DRAFTING:	O.K.

**SPEED LIMIT REDUCTION
GUILDWOOD PARKWAY**

FILE NUMBER: D15-7288927	
ATTACHMENT 1	WARDS 43