



**STAFF REPORT
ACTION REQUIRED**

**Proposed Speed Limit Reduction – Warden Avenue,
Clonmore Drive/Hollis Avenue to South Limit of Warden
Avenue**

Date:	March 5, 2009
To:	Scarborough Community Council
From:	Acting Director, Transportation Services, Scarborough District
Wards:	Ward 36 – Scarborough Southwest
Reference Number:	P:\2007\Cluster B\TRA\Scarborough\sc09017 D07-1638 Warden Avenue speed limit

SUMMARY

This staff report is about a matter for which the Community Council does not have delegated authority from City Council to make a final decision.

This staff report concerns the feasibility of installing a 40 km/h speed zone on Warden Avenue from Clonmore Drive/Hollis Avenue to the south limit of Warden Avenue. Along this section of Warden Avenue, a 40 kilometre per hour (km/h) speed limit is not technically justified.

RECOMMENDATIONS

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

1. Not approve a 40 km/h speed zone along Warden Avenue from Clonmore Drive/Hollis Avenue to the south limit of Warden Avenue.
2. Not amend the appropriate by-law(s) accordingly.

Financial Impact

There are no financial implications at this time.

ISSUE BACKGROUND

As a result of requests from local residents, Councillor Brian Ashton has requested that Transportation Services staff review this location to determine whether a reduction of the speed limit from 50 km/h to 40 km/h is justified.

The results of our study indicate that the technical warrants for the installation of a 40 km/h speed limit are not met. This review included an assessment of Collision Records for a three year period during which time no speed related collisions were reported.

COMMENTS

Key characteristics describing Warden Avenue from Clonmore Drive/Hollis Avenue to the south limit of Warden Avenue include:

- Warden Avenue is a two-lane roadway with an unposted 50 km/h speed limit and a width of approximately 9.0 metres.
- A Toronto Transit route is operative on the section of Warden Avenue from Clonmore Drive/Hollis Avenue to Kingston Road.
- Warden Avenue from Clonmore Drive/Hollis Avenue to Kingston Road is classified a minor arterial roadway.
- Warden Avenue south of Kingston Road to Crescentwood Road is classified a local road.
- Warden Avenue south termination point is located very near Lake Ontario at Crescentwood Road.
- Land use on Warden Avenue consists of single family dwellings.
- The daily traffic volume on this road is approximately 5,540 vehicles per day (vpd) between Clonmore Drive/Hollis Avenue and Kingston Road. Traffic Volume are reduced significantly on the southern section to less than 1,500 vehicles per day (vpd).
- Sidewalks are located on the both sides of Warden Avenue from Clonmore Drive/Hollis Avenue to Kingston Road. The section of Warden Avenue south of Kingston Road has a sidewalk on the west side only.
- The results of 24 hour vehicle speed and volume studies confirmed that the 85th percentile speed of traffic on Warden Avenue was approximately 57 km/h. In addition a vehicle classification study reveals that 97.5 percent of vehicular traffic on Warden Avenue from Clonmore Drive/Hollis Avenue to Kingston Road consists of cyclists, passenger car units, buses and light two axle trucks. The remaining 2.5 percent consists of heavy vehicle. The average anticipated percentage of heavy trucks in any given area is 2.0 percent.

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 roadway width, pedestrian conditions (elementary or junior high school, absence of sidewalks) and road and traffic environment (collision patterns, safe stopping distance).

Our review has indicated that no elementary school or junior high school exists on this section of roadway, sidewalks are in place on the both sides of Warden Avenue from Clonmore Drive/Hollis Avenue to Kingston Road and on the west side only on the section of Warden avenue south of Kingston Road.

No collision history exists to support the reduction of the speed limit.

As such our investigation has indicated that the warrant for the installation of a 40 km/h speed zone was not satisfied as none of the above conditions are completely met.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Location Plan (Proposed Speed Reduction, from 50 km/h to 40 km/h from South Limit Warden Avenue to Clonmore Drive/Hollis Avenue)