



**STAFF REPORT
ACTION REQUIRED**

Request for Speed Limit Reduction – Compton Drive

Date:	April 23, 2010.
To:	Scarborough Community Council
From:	Acting Director, Transportation Services, Scarborough District
Wards:	Ward 37 – Scarborough Centre
Reference Number:	P:\2010\Cluster B\TRA\Scarborough\sc1044 D09-3409989 Compton 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 staff report concerns the feasibility of installing a 40 km/h speed zone on Compton Drive from Manhattan Drive to Boem Avenue. Along this section of Compton Drive, a 40 kilometre per hour (km/h) speed limit is not technically justified.

RECOMMENDATIONS

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

1. Not approve a 40 km/h speed zone along Compton Drive.
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 concerns from local residents, the local Councillor 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 five year period during which no speed related collisions were reported.

COMMENTS

Key characteristics describing Compton Drive include:

- Compton Drive is located north of Lawrence Avenue and east of Warden Avenue.
- Compton Drive intersects Manhattan Drive on the south side forming a “T” type intersection and extends to the south forming another “T” type intersection on the north side of Boem Avenue.
- Compton Drive is a two-lane local roadway with an unposted 50 km/h speed limit and a width of approximately 8.5 metres
- Land use on Compton Drive consists of single family dwellings.
- The daily traffic volume on this road is approximately 506 vehicles per day (vpd).
- Sidewalks are located on at least one side, the sidewalk is on the east side of Compton Drive
- The results of 24 hour vehicle speed and volume studies confirmed that the 85th percentile speed of traffic on Compton Drive was 48 km/h indicating that a 50 km/h speed limit is appropriate.

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 Compton Drive; sidewalks are present on at least one side of the roadway. The sidewalk is located on the east side of Compton Drive. 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. The introduction of a 40 km/h speed limit is not justified on Compton Drive because neither the Pedestrian Environment nor the Road and Traffic categories of the 40 km/h warrant were met.

CONTACT

Marko A. Oinonen, P.Eng.
Manager, Traffic Operations, Scarborough District
Tel: 416-396-7148
Fax: 416-396-5641
E-Mail: moinone@toronto.ca

SIGNATURE

Steven T, Kodama, P.Eng.
Acting Director, Transportation Services, Scarborough District

FJB:ca

ATTACHMENTS

1. Location Plan (Compton Drive – Request for 40 Km/h Speed Limit)