



REPORT FOR ACTION

Speed Limit – Biscayne Boulevard

Date: March 27, 2019
To: Scarborough Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 21 – Scarborough Centre

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 Biscayne Boulevard between Pharmacy Avenue and Victoria Park Avenue. 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 Biscayne Boulevard, between Pharmacy Avenue and Victoria Park Avenue.

FINANCIAL IMPACT

The financial cost of installing the speed limit signs on Biscayne Boulevard is approximately \$2,000.00. All costs associated with the necessary signage installation are included within the Transportation Services 2019 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

- Biscayne Boulevard is located north of Eglinton Avenue East, between Pharmacy Avenue and Victoria Park Avenue.
- Biscayne Boulevard is a local road and designated as a two-way east-west road with unposted speed limit of 50 km/h.
- Biscayne Boulevard has a daily traffic volume of approximately 2,000 vehicles per day (vpd).
- There are no municipal sidewalks on either side and the road width is less than 8.5 metres.
- Biscayne Boulevard is located in the Wexford/Maryvale neighbourhood.
- The land use in the surrounding area consists mainly of single family residential dwellings.

Analysis

40 Km/h Speed Limit Warrant Analysis

The results of a 24-hour vehicle volume study on Wednesday November 7, 2018 to Thursday November 8, 2018, revealed that the recorded daily vehicle volume on Biscayne Boulevard was approximately 2,000 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 Biscayne Boulevard is functioning within 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 Biscayne Boulevard was 50 km/h for both eastbound and westbound directions.

In order for a 40 km/h speed limit to be warranted, various traffic conditions must be assessed, such as road width, pedestrian conditions (elementary or junior high school, absence of sidewalks), and the road and traffic environment (collision patterns, safe stopping distance, grades and roadway curvatures).

A 40 km/h speed limit may be implemented on streets where either the Pedestrian Environment category or the Road and Traffic Environment category of the warrant are met. In the case of Biscayne Boulevard, the Pedestrian Environment category was met

based on the pavement width having less than 10.5 metres, and the absence of sidewalks on both sides of the road.

Based on the 40 km/h Speed Limit Warrant, Biscayne Boulevard between Pharmacy Avenue and Victoria Park Avenue meets the technical requirements to reduce the speed limit from 50 km/h to 40 km/h.

Transportation Services staff also conducted a collision history review of the past three years of available data and found no reported collisions involving pedestrians or where excessive speed was identified as being a contributing factor.

The adoption of a 40 km/h speed limit on Biscayne Boulevard is recommended as a means to enhance driver awareness and pedestrian safety along this street.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Location Plan (Speed Limit Biscayne Boulevard)

Attachment 1: Speed Limit Biscayne Boulevard

