



REPORT FOR ACTION

Pedestrian Crossover Review - Holmfirth Terrace and Vanwart Drive

Date: March 27, 2019
To: Scarborough Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 24 – Scarborough-Guildwood

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 Pedestrian Crossover (PXO) not be installed on Holmfirth Terrace at Vanwart Drive as the existing conditions do not meet the warrant for the installation of such a traffic control device. Currently, this location is controlled by a stop sign for northbound traffic on Vanwart Drive at Holmfirth Terrace.

RECOMMENDATIONS

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

1. Scarborough Community Council not authorize the installation of a pedestrian crossover on the west side of Holmfirth Terrace at Vanwart Drive.

FINANCIAL IMPACT

There would be no financial impact associated with the staff recommendation.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Further to a request from Councillor Paul Ainslie, Transportation Services staff reviewed the feasibility of installing a Pedestrian Crossover on Holmfirth Terrace at Vanwart Drive.

Existing Conditions

The following characteristics describe the area of Holmfirth Terrace and Vanwart Drive:

- This intersection is located south of Lawrence Avenue East, east of Markham Road, and west of Scarborough Golf Club Road.
- Holmfirth Terrace is a two-lane collector road with a regulatory speed limit of 40 km/h.
- Vanwart Drive is a two-lane local road with a regulatory speed limit of 50 km/h.
- Currently, this location is controlled by a stop sign for northbound traffic on Vanwart Drive at Holmfirth Terrace.
- There are sidewalks on the both sides of Holmfirth Terrace and on both sides of Vanwart Drive.
- There are good sight lines for pedestrians to view approaching vehicles and there are adequate gaps in the traffic flow for pedestrians to cross Holmfirth Terrace.
- There are street lights on the south side of Holmfirth Terrace and on the east side of Vanwart Drive.
- The land use in the surrounding area consists mainly of single family residential dwellings, multi-level residential buildings, and an elementary school.
- Toronto Transit Commission (TTC) does not operate a revenue bus service on Holmfirth Terrace and Vanwart Drive.

Analysis

Pedestrian Crossing Protection Study

A traffic study conducted on Holmfirth Terrace at Vanwart Drive during the peak eight hours of a typical weekday (Wednesday, May 9, 2018), produced the following results:

Pedestrian Crossover Warrant	Compliance Level
Pedestrian Volumes	0%
Pedestrian Delays	0%

As outlined in the above table, the installation of a pedestrian crossover is not justified because both categories must be 100% met. During the eight hour study period, the vehicle volume, pedestrian volume, and pedestrian delays were not justified for a Pedestrian Crossover.

During the eight hour study period, a total of 337 pedestrian crossings and 1,229 vehicles were recorded at this location. The relatively low vehicle volume and low number of pedestrian delays do not technically justify Pedestrian Crossing Protection, such as a traditional Type A Pedestrian Crossover.

Collision History

A review of the collision records revealed that there has been no reported Pedestrian Crossover preventable collisions nor pedestrian related collisions on Holmfirth Terrace at Vanwart Drive during the three-year period ending December 31, 2017.

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SIGNATURE

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ATTACHMENTS

1. Location Plan (Pedestrian Crossover Review - Holmfirth Terrace and Vanwart Drive)

Attachment 1 - Location Plan (Pedestrian Crossover Review - Holmfirth Terrace and Vanwart Drive)

