

Pedestrian Crossover Review - Dearham Wood at Schubert Drive

Date: May 17, 2018
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 Pedestrian Crossover (PXO) not be installed on Dearham Wood at Schubert 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 Schubert Drive at Dearham Wood.

RECOMMENDATIONS

The Director, Transportation Services, Scarborough District recommends that:

1. Scarborough Community Council refuse to authorize the installation of a Pedestrian Crossover on the west side of Dearham Wood at Schubert Drive.

FINANCIAL IMPACT

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

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the meeting on April 4, 2018, Scarborough Community Council requested the Director, Transportation Services, Scarborough District to report back to the June 6, 2018 meeting of the Scarborough Community Council on the feasibility of installing a pedestrian crossover on Dearham Wood at Poplar Road Junior Public School. Below is the link to this decision.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2018.SC29.26>

Existing Conditions

The following characteristics describe the area of Dearham Wood at Schubert Drive:

- This intersection is located north of Guildwood Parkway, west of Morningside Avenue, and east of Galloway Road.
- Dearham Wood is a two-lane collector road with a regulatory speed limit of 40 km/h.
- Schubert 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 Schubert Drive at Dearham Wood.
- A school crossing is located on Dearham Wood, immediately west of Schubert Drive. However, there is no Adult Crossing Guard at this location.
- There are sidewalks on all sides of the subject intersection.
- There are good sight lines for pedestrians to view approaching vehicles and there are adequate gaps in the traffic flow for pedestrians to cross Dearham Wood.
- There are street lights on the south side of Dearham Wood.
- The land use on Dearham Wood consists mainly of single family residential dwellings, a school, a daycare, and a commercial plaza.

Analysis

Pedestrian Crossing Protection Study

A traffic study conducted on Dearham Wood at Schubert Drive during the peak eight hours of a typical weekday (Tuesday, April 24, 2018) produced the following results:

Pedestrian Crossing Protection Warrant	Compliance Level
Pedestrian Volumes	15%
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 pedestrian volumes and pedestrian delays were not justified for a Pedestrian Crossover.

During the eight hour study period, a total of 144 pedestrian crossings and 1,142 vehicles were recorded at this location. The relatively low vehicle volume and low number of pedestrian delays does not technically justify Pedestrian Crossing Protection, such as a traditional Pedestrian Crossover.

If a Pedestrian Crossover were to be installed on Dearham Wood at Schubert Drive, it would potentially lead to turning movement conflicts between vehicles stopped at the pedestrian crossover and vehicles accessing the residential and school driveways.

Collision History

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

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SIGNATURE

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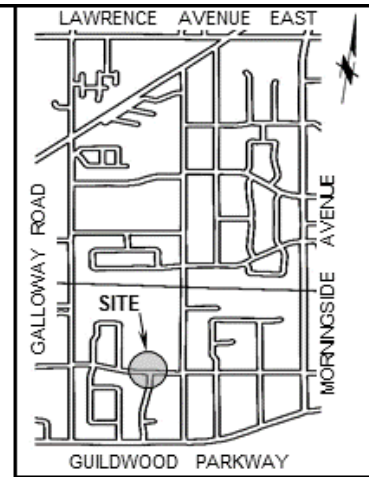
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ATTACHMENTS

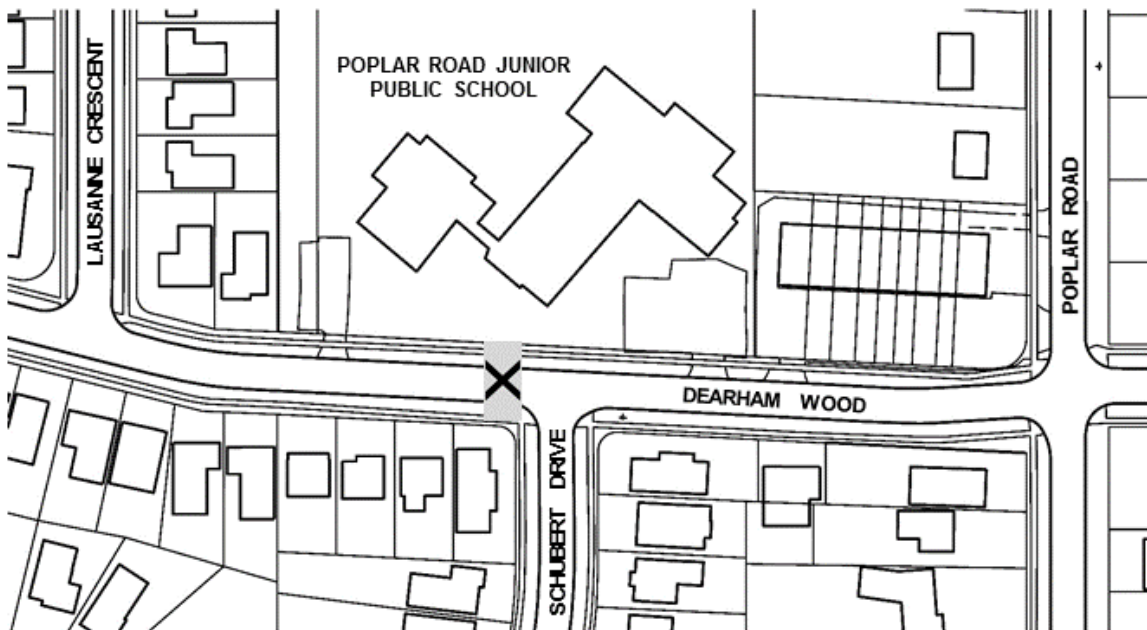
1. Location Plan (Pedestrian Crossover Review - Dearham Wood and Schubert Drive)

LEGEND

X REQUESTED PEDESTRIAN CROSSOVER



KEY MAP



LOCATION MAP

TORONTO TRANSPORTATION SERVICES

TRAFFIC OPERATIONS
Scarborough District

SCALE:	N.T.S.
DATE:	APR., 2018
DRAFTING:	O.K.

**PEDESTRIAN CROSSOVER REVIEW
DEARHAM WOOD AND SCHUBERT DRIVE**

FILE NUMBER: D18-8860257	
ATTACHMENT 1	WARD 43