

Pedestrian Crossover - 11 Thorncliffe Park Drive

Date: January 16, 2019

To: North York Community Council

From: Acting Director, Traffic Management, Transportation Services

Wards: Ward 15 - Don Valley West

SUMMARY

As the Toronto Transit Commission (TTC) operates bus service on Thorncliffe Park Drive, City Council approval of this report is required.

Transportation Services is requesting City Council approve the installation of a pedestrian crossover (PXO) on Thorncliffe Park Drive at a point 100 metres south of its west intersection with Overlea Boulevard. The installation of a pedestrian crossover is technically justified and will enhance safety for pedestrians crossing at this location. However, this installation may increase delays for motorists on Thorncliffe Park Drive, as these movements will no longer operate with free flow.

To facilitate the installation of the PXO it is necessary to relocate the TTC stops on both sides of the street in the vicinity of 11 Thorncliffe Park Boulevard. Suitable locations are being determined in consultation with the TTC. Additionally, the recently installed bicycle lanes on Thorncliffe Park Drive will have to be modified slightly to accommodate the PXO and relocated TTC stops.

RECOMMENDATIONS

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

1. City Council approve the installation of a pedestrian crossover (PXO) on Thorncliffe Park Drive at a point 100 metres south of the west intersection with Overlea Boulevard.

FINANCIAL IMPACT

The estimated cost for installing a pedestrian crossover on Thorncliffe Park Drive is approximately \$40,000. This installation would be considered in 2020, subject to the availability of funding and competing priorities.

Additionally, the pedestrian crossover installation may require modifications to the boulevard on Thorncliffe Park Avenue to accommodate a relocated TTC stop. This civil work may result in additional costs to the pedestrian crossover installation.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by former Councillor Jon Burnside, on behalf of residents, to review the need for pedestrian crossing protection in the vicinity of 11 Thorncliffe Park Drive.

Thorncliffe Park Drive is a collector street that generally consists of one lane in each direction, a two-way centre left-turn lane and north/south bicycle lanes. It forms a circular loop, intersecting the south side of Overlea Boulevard in two separate, signalized intersections. It has a pavement width of approximately 14.5 metres, a posted speed limit of 40 km/h and a daily two-way traffic volume of approximately 10,000 vehicles. There are sidewalks on both sides of the street. Generally, stopping is prohibited at all times on both sides of Thorncliffe Park Drive due to the bicycle lanes. TTC service on Thorncliffe Park Drive is provided by the 81 Thorncliffe Park, 88 South Leaside and 325 Don Mills bus routes.

The main entrance to 11 Thorncliffe Park Drive is located on the west side of the street, 90 metres south of the western signalized intersection with Overlea Boulevard. The land use in this area is mid to high rise residential. The East York Town Centre is located on the east side of this section of Thorncliffe Park Drive.

The nearest protected pedestrian crossings for 11 Thorncliffe Park Drive are located 90 metres to the north, at the traffic control signals at Overlea Boulevard and 200 metres to the south, at the all-way stop controlled intersection at Mile Post Place/Grandstand Place. There are northbound and southbound transit stops on the east and west sides of the street, in the vicinity of 11 Thorncliffe Park Drive.

A review of Toronto Police Services collision records for the three-year period ending June 30, 2018, revealed that there were two reported collisions involving a pedestrian crossing Thorncliffe Park Drive in the vicinity of 11 Thorncliffe Park Drive. Both collisions resulted in minimal or minor injuries to the pedestrians and there were no charges to the motorists.

To determine the need for pedestrian crossing protection, a weekday eight-hour pedestrian volume and delay study was undertaken in the vicinity of the entrance to 11

Thornccliffe Park Drive on September 6, 2018. The study revealed that 253 pedestrians crossed Thornccliffe Park Drive in this area, comprised of the following types:

- 215 youths and adults;
- 20 seniors;
- 15 assisted children;
- 2 unassisted children; and
- 1 pedestrian with disabilities.

Of these 253 pedestrians, 110 experienced delays greater than 10 seconds to cross.

To support the installation of a pedestrian crossing device, the warrants require a minimum of 230 pedestrians over eight hours, based on the traffic volume on Thornccliffe Park Drive. Also, based on the pedestrian crossing volume, at least 90 pedestrians must be delayed more than 10 seconds. Based on the study results, the warrants for the installation of a pedestrian crossing device at this location are satisfied to the following extent:

Table 1: 11 Thornccliffe Park Drive - Pedestrian Crossover Warrant Criteria and Compliance (September 6, 2018)

Criteria	Compliance
Pedestrian Volume	100 percent
Pedestrian Delay	100 percent

Considering the above, the installation of a pedestrian crossing device is warranted on Thornccliffe Park Drive in the vicinity of the driveway of 11 Thornccliffe Park Drive.

A review of the roadway environment revealed a pedestrian crossover is an appropriate crossing device and should be located at a point 20 metres south of the driveway of 11 Thornccliffe Park Drive (100 metres south of the west intersection with Overlea Boulevard). The installation of a pedestrian crossover will enhance safety for pedestrians crossing Thornccliffe Park Drive. This will result in increased delays for traffic on Thornccliffe Park Drive since north-south traffic will no longer operate free flow.

To facilitate the installation of the PXO it is necessary to relocate the TTC stops on both sides of the street in the vicinity of 11 Thornccliffe Park Boulevard. Suitable locations are being determined in consultation with the TTC. Additionally, the recently installed bicycle lanes on Thornccliffe Park Drive will have to be modified slightly to accommodate the pedestrian crossover and relocated TTC stops.

The Ward Councillor is aware of the recommendation of this staff report.

CONTACT

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SIGNATURE

Roger Browne
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ATTACHMENTS

Attachment 1: Map - Proposed Pedestrian Crossover - 11 Thorncliffe Park Drive