

## **Installation of Pedestrian Crossover – Oakdale Road**

**Date:** February 4, 2020  
**To:** Etobicoke York Community Council  
**From:** Acting Director, Traffic Management, Transportation Services  
**Wards:** Ward 7, Humber River-Black Creek

### **SUMMARY**

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As the Toronto Transit Commission (TTC) operates bus service on Oakdale Road, City Council approval of this report is required. TTC staff have been advised of this matter.

Transportation Services is recommending the installation of a pedestrian crossover (PXO) on Oakdale Road, at a point approximately 500 metres south of Finch Ave West. The installation of a PXO is technically justified and will enhance pedestrian safety for students of Westview Centennial Secondary School.

### **RECOMMENDATIONS**

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

1. City Council authorize the installation of a pedestrian crossover on Oakdale Road, at a point approximately 500 metres south of Finch Avenue West.

### **FINANCIAL IMPACT**

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The estimated cost for installing a PXO on Oakdale Road is approximately \$60,000. This installation would be considered in 2021, subject to the availability of funding and competing priorities.

### **DECISION HISTORY**

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This report addresses a new initiative.

## COMMENTS

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Transportation Services was requested by the ward Councillor, on behalf of an area resident, to review the need for pedestrian crossing protection for pedestrians accessing the Westview Centennial Secondary School, south entrance. A large number of students cross Oakdale Road from the south entrance mainly during the lunch hours, to access the retail commercial shops at 750 Oakdale Road. A map of the area is shown on Attachment 1.

Oakdale Road is an approximately 11 metre wide two-lane roadway, classified as a "minor arterial" in the City's Road Classification System, and has a regulatory speed limit of 50 km/h. This street extends north-south, east of Highway 400, between Finch Avenue West and Sheppard Avenue West. There are sidewalks on both sides of Oakdale Road. Traffic control signals are located approximately 155 metres north, at the driveway of Reactivation Care Centre and Westview Centennial Secondary School (north entrance). All-way stop control is in force approximately 577 metres south, at the intersection of Oakdale Road and Eddystone Avenue. The TTC operates bus service on Oakdale Road.

A review of Toronto Police Services collision records for the three-year period ending December 31, 2019, revealed that there were 5 reported collisions on Oakdale Road, near the study area, however, none of these involved a pedestrian.

To determine the need for pedestrian crossing protection, weekday eight-hour pedestrian volume and delay studies were undertaken in the vicinity of the south entrance/exit of Westview Centennial Secondary School partly on October 4 and partly on October 8, 2019. The combined studies revealed that 385 pedestrians, comprised of 377 youths/adults and 8 senior citizens, crossed Oakdale Road within the subject location.

Of the 385 pedestrians 91 experienced delays greater than 10 seconds to cross.

To support the installation of a PXO, the warrants require a minimum of 263 pedestrians over eight hours with at least 75 pedestrians delayed more than 10 seconds. This is based on the traffic volume on Oakdale Road and the pedestrian volume determined through the study in order to satisfy the PXO warrant. Both requirements must be 100% fulfilled.

### PXO Warrant:

Adjusted Ped Volume	100%
Pedestrian Delays >10 Sec	100%

Considering the above, the installation of a PXO is warranted on Oakdale Road in the vicinity of the south entrance/exit to Westview Centennial Secondary School.

A PXO is considered environmentally suitable if the operating speed is less than 60 km/h, there are four lanes or less on a two-way street, and the traffic volume is less than or equal to 35,000 vehicles per day. A review of the roadway environment reveals that a PXO is the appropriate crossing device at this location. The Environmental Safety Characteristics for PXO Suitability are shown in Attachment 2.

The installation of a PXO will enhance safety for pedestrians crossing Oakdale Road but may result in increased delays for traffic on Oakdale Road as north-south traffic will no longer operate free flow.

The ward Councillor has been advised of the recommendations of this report.

## **CONTACT**

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## **SIGNATURE**

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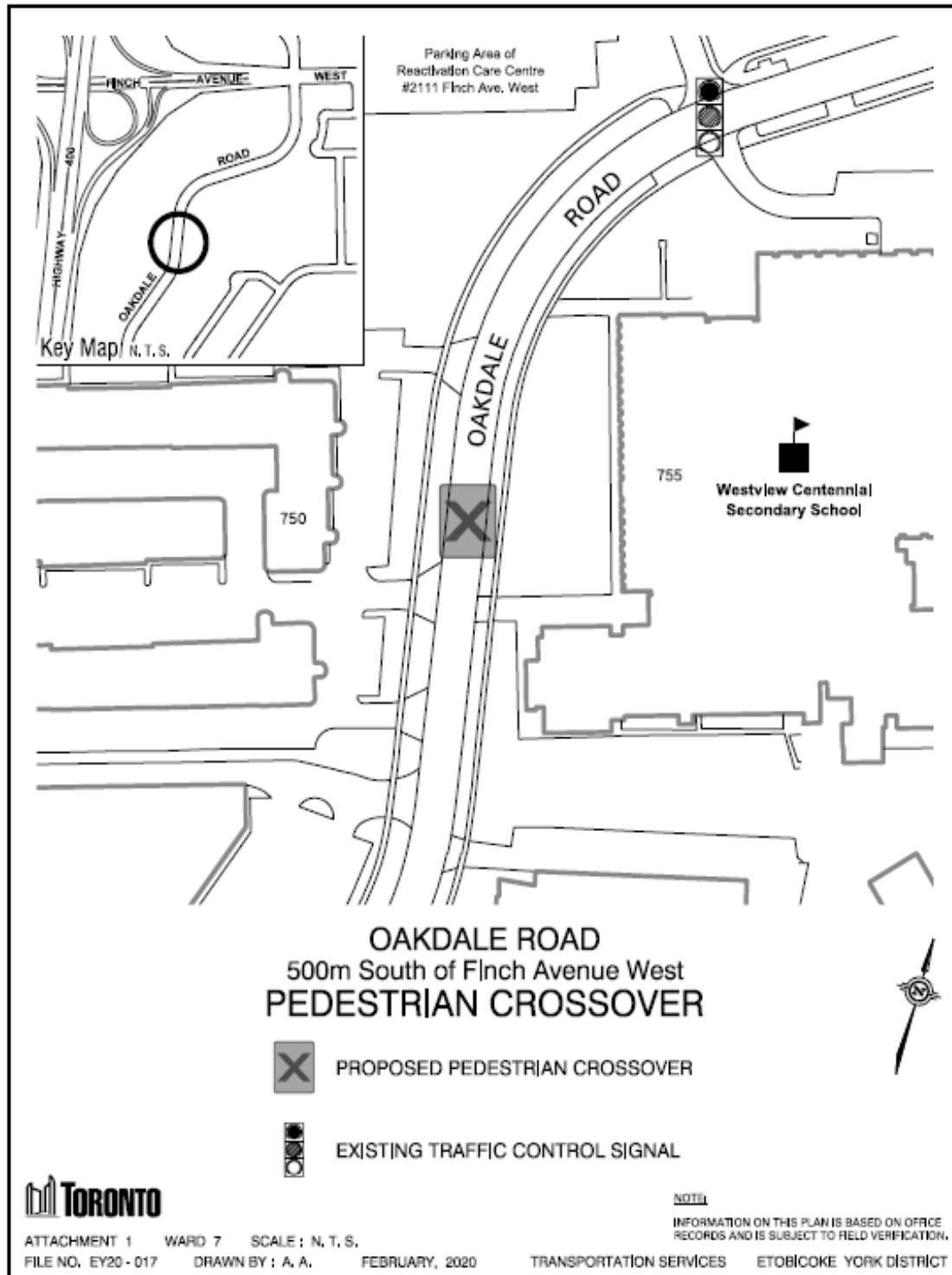
Roger Browne, M.A. Sc., P. Eng.  
Acting Director, Traffic Management  
Transportation Services

## **ATTACHMENT**

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Attachment 1: Location Plan – Pedestrian Crossover Oakdale Road  
Attachment 2: Environmental Safety Characteristics for PXO Suitability – Oakdale Road, 500m south of Finch Avenue West

## Attachment 1: Location Plan - Pedestrian Crossover – Oakdale Road



Attachment 2: Environmental Safety Characteristics for PXO Suitability- Oakdale Road, 500m south of Finch Avenue West

Standards or Criteria to be Met for Physical Suitability of a PXO	Met/ Not Met	Comment
Vehicle Operating speed less than 60 km/h	Met	85 <sup>th</sup> percentile speed is 49 km/h (based on radar speed study, free flow conditions)
Not more than four lanes wide on a two-way street, or more than three lanes on a one-way street	Met	Two lanes
Traffic volume less than 35,000 vehicles per day (total both directions)	Met	Under 35,000 vehicles per day
No driveway entrances within 30 metres	Met	Other driveways entrances more than 30 metres away.
No Significant volume of turning movements which interfere with PXO	Not Met	Turning movements to and from driveways
No visibility problems exist for either pedestrians or motorists	Met	No sightline problem.
No loading zones (including T.T.C.) in the immediate vicinity	Met	No bus stop close on both sides of the street.
Not less than 215 metres to another PXO or traffic device	Not Met	Traffic signals located at about 155 meters north of the proposed location