



## REPORT FOR ACTION

## Traffic Control Signals Review - Morningside Avenue and Cumber Avenue/Fordover Drive

**Date:** March 27, 2019  
**To:** Scarborough Community Council  
**From:** Acting Director, Traffic Management, Transportation Services  
**Wards:** Ward 24 – Scarborough-Guildwood  
Ward 25 – Scarborough-Rouge Park

### SUMMARY

---

Further to a request from Councillor Paul Ainslie, Transportation Services staff reviewed the feasibility of installing traffic control signals on Morningside Avenue at Cumber Avenue and Fordover Gate.

This report recommends that traffic control signals not be approved at the intersection of Morningside Avenue and Cumber Avenue and Fordover Drive as the existing conditions do not meet the warrant for the installation of traffic control signals at this time. Currently, this location is controlled by a stop sign for eastbound traffic on Cumber Avenue and a stop sign for westbound traffic on Fordover Drive. A pedestrian crossover (PXO) is located on the north side of the intersection.

### RECOMMENDATIONS

---

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

1. City Council not authorize the installation of traffic control signals at the intersection of Morningside Avenue and Cumber Avenue/Fordover Drive.

### FINANCIAL IMPACT

---

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

## **DECISION HISTORY**

---

This report addresses a new initiative.

## **COMMENTS**

---

### **Existing Conditions**

The following characteristics describe Morningside Avenue at Cumber Avenue and Fordover Drive:

- This intersection is located south of Lawrence Avenue East and north of Guildwood Parkway/Greyabbey Trail.
- Morningside Avenue is a four-lane minor arterial road with a regulatory speed limit of 50 km/h. Cumber Avenue is a two-lane collector road with a regulatory speed limit of 40 km/h. Fordover Drive is a two-lane local road with a regulatory speed limit of 50km/h.
- Currently, eastbound traffic on Cumber Avenue and westbound traffic on Fordover Drive are required to stop at Morningside Avenue.
- A pedestrian crossover is located on the north side of the intersection.
- Sidewalks are located on all sides of the intersection.
- Toronto Transit Commission (TTC) operates bus service on Morningside Avenue.
- The land use in the surrounding area consists mainly of single family residential dwellings.

## Analysis

### *Traffic Control Signal Justification Study*

Using traffic volumes recorded during the peak eight hours on Thursday, March 22, 2018, the following results were obtained:

Traffic Control Signal Warrant	Compliance Level
Minimum Vehicular Volume	43%
Delay To Cross Traffic	37%
Collision Hazard	7%

In order to meet the warrant for Traffic Control Signals, one of the “Minimum Vehicular Volume” or “Delay to Cross Traffic” or “Collision Hazard” warrants must be 100% satisfied, or both the “Minimum Vehicular Volume” and “Delay to Cross Traffic” warrants must be at least 80% satisfied. Our review of the Collision Hazard is based on the previous three-year (2015 – 2017) collision history available.

### *Collision History*

An updated review of the available Toronto Police Service collision records for the three-year period ending December 31, 2017 are summarised below:

Three-Year Collision Information	Number of Reported Collisions (By Year)			
	2015	2016	2017	Total
Collisions Potentially Preventable by the Installation of Traffic Control Signals	0	0	1	1
Collisions Involving Pedestrians Crossing Morningside Avenue	0	0	0	0

As outlined in the above tables, the existing conditions do not satisfy the requirements to install traffic control signals. The TTC has been consulted and concurs with these findings.

## **CONTACT**

---

Shawn Dillon  
Manager, Traffic Operations Area 1  
Traffic Management  
Transportation Services  
Tel: 416-397-5021  
Fax: 416-396-5641  
E-Mail: shawn.dillon@toronto.ca

## **SIGNATURE**

---

---

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

AK:cr

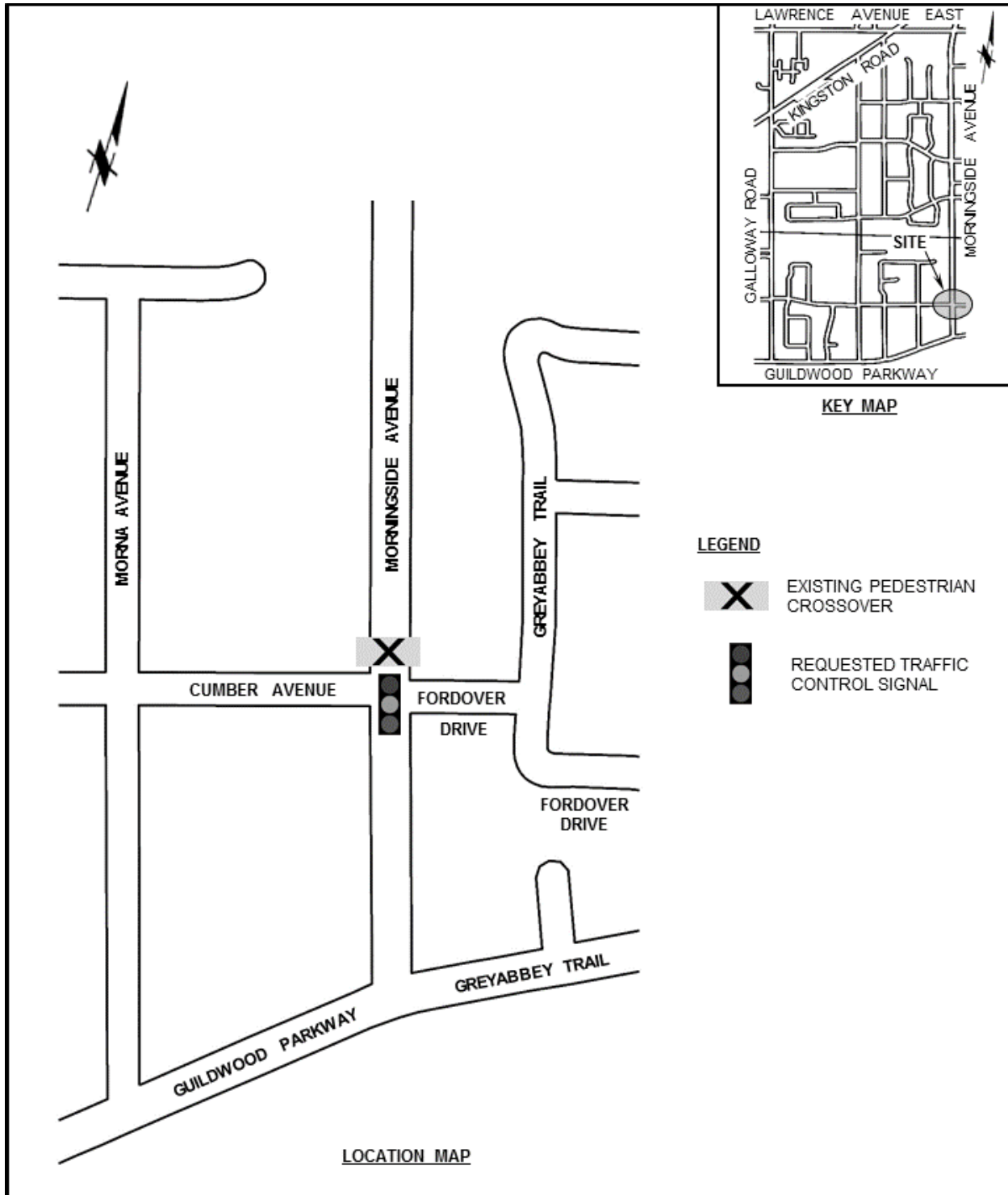
sc1931  
D17-8605784

## **ATTACHMENTS**

---

1. Location Plan (Traffic Control Signals Review Morningside Avenue and Cumber Avenue/Fordover Drive)

Attachment 1 - Location Plan (Traffic Control Signals Review Morningside Avenue and Cumber Avenue/Fordover Drive)



<b>TORONTO</b> TRANSPORTATION SERVICES		TRAFFIC OPERATIONS Scarborough District	
SCALE:	N.T.S.	TRAFFIC CONTROL SIGNALS REVIEW MORNINGSIDE AVENUE AND CUMBER AVENUE/FORDOVER DRIVE	
DATE:	MAR., 2019		
DRAFTING:	O.K.		
		FILE NUMBER:	
		D17-8605784	
		ATTACHMENT	WARD
		1	24