



STAFF REPORT ACTION REQUIRED

Installation of Traffic Control Signals: Steeles Avenue West, approximately 350 metres west of Keele St

Date:	December 11, 2014
To:	North York Community Council
From:	Director, Transportation Services, North York District
Wards:	Ward 8 – York West
Reference Number:	<i>p:\ClusterB\TRA\NorthYork\ny15019</i>

SUMMARY

As the Toronto Transit Commission (TTC) operates a transit service on Steeles Avenue West, City Council approval of this report is required.

Transportation Services is requesting approval to install traffic control signals on Steeles Avenue West, approximately 350 metres west of Keele Street.

The installation of traffic control signals on Steeles Avenue West, approximately 350 metres west of Keele Street, will address the requirements of the City of Vaughan OPA 620 and the City of Toronto, York University Secondary Plan for the development of a new north/south roadway intersecting with Steeles Avenue West and provide a safe environment for both vehicular and pedestrian traffic.

RECOMMENDATIONS

Transportation Services Division recommends that:

1. City Council approve the installation of traffic control signals on Steeles Avenue West, approximately 350 metres west of Keele Street.

FINANCIAL IMPACT

All costs associated with the installation and future maintenance of the traffic control signal on Steeles Avenue West, approximately 350 metres west of Keele Street, estimated at \$230,000.00, will be borne by Milestone Corporate Centre.

ISSUE BACKGROUND

Milestone Corporate Centre Development Group has submitted an application to the City of Vaughan for the construction of Phase 2 of the Milestone Corporate Centre located on the north side of Steeles Avenue West, west of Keele Street. The site is proposed to be divided into three blocks, with an additional east-west roadway and north-south roadway to the east of the new unnamed roadway "Street G – OPA 620". Phase 1 of the site presently contains a multi-storey office building, with a similar build on Phase 2.

Given that Steeles Avenue West, falls under the jurisdiction of the City of Toronto approval for the construction of the new intersection and subsequent traffic control signal installation requires the approval of City of Toronto Council. As such, they have requested that the City approve the activation of the traffic control signal on Steeles Avenue West, approximately 350 metres west of Keele Street.

COMMENTS

Steeles Avenue West is a major arterial roadway with a six-lane cross-section and a raised centre median separating eastbound and westbound traffic. The new roadway which is being developed as a part of the new development on the north side of Steeles Avenue West will be in alignment with the new north/south roadway on the south side of Steeles Avenue West as part of the York University Secondary Plan.

The construction of the new intersection will require that the existing median be removed and a new intersection be constructed. It should be noted that the current proposal is to construct a T-intersection until such time that the fourth leg on the south side of the roadway is constructed.

Based on the results of a Traffic Impact Study by Aecom, the signalization of the new intersection on Steeles Avenue West, approximately 350 metres west of Keele Street has been identified as being warranted. Their analysis indicates that it is reasonable to conclude that the traffic control signals will be warranted not only at the completion of Phase 2 but also during the construction of the loop roadway connecting Keele Street to Steeles Avenue West. Additionally the installation of the traffic control signals will be beneficial to traffic operations along this area, by assisting in the traffic circulation and by providing gaps in the traffic flow which will assist pedestrian crossings.

It should be noted that Transportation Services Staff has undertaken a technical review of the Traffic Impact Study submitted by Aecon and have also concluded that the proposed traffic control signals are warranted.

The Ward Councillor has been advised of the recommendations of this staff report.

CONTACT

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SIGNATURE

Jacqueline White, P. Eng.
Director

ATTACHMENTS

Attachment 1: Map – 2300 Steeles Avenue West; Traffic Control Signals
Attachment 2: Map – 2300 Steeles Avenue West; Intersection Layout