

**Traffic Control Signals – 2201 Markham Road at the
Private Access**

Date:	May 29, 2014
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Wards 41 & 42 – Scarborough-Rouge River
Reference Number:	P:\2014\Cluster B\TRA\Scarborough\sc1445.docx D14-6032981 2201 Markham Rd – Proposed Traffic Control Signals

SUMMARY

The purpose of this report is to obtain approval for the installation of traffic control signals on Markham Road at the private access to the proposed development at 2201 Markham Road.

Traffic impact studies indicated that projected future traffic volumes generated from the proposed development will require traffic control signals. To enhance traffic safety and turning movements from this site, traffic control signals should be installed.

RECOMMENDATIONS

Transportation Services, recommends that:

1. City Council approve the installation of traffic control signals at 2201 Markham Road at the private access approximately 500 metres south of Finch Avenue East.
2. City Council enact the turn regulations, as identified in Appendix 1 of this report.

Financial Impact

All costs associated with these road improvements will be the responsibility of the owners/developers. There will be no cost to the City.

ISSUE BACKGROUND

As part of the development of an empty parcel of land at 2201 Markham Road, located approximately 500 metres south of Finch Avenue East, funding was secured for the installation of new traffic control signals at the access driveway on Markham Road, through the development approval process. The initial phase of development involves the construction of an automotive dealership. In addition, as part of the development plan westbound straight through movements across Markham Road would not be permitted, therefore, a compulsory turn bylaw is required. A westbound "No Through" sign will be installed to prevent westbound through drivers from exiting the proposed driveway at 2201 Markham Road and then crossing Markham Road to enter the existing driveway directly across the street at 2200 Markham Road.

COMMENTS

The following characteristics describe the intersection of 2201 Markham Road at the proposed private roadway:

- This subject intersection is located approximately 500 metres south of the traffic signals at Markham Road and Finch Avenue East, and approximately 250 metres south of the traffic signals located at 2240 Markham Road (private driveway to McDonald's and Formula Honda). The signal spacing is adequate.
- This existing three-way intersection consists of an existing single story office / retail plaza with a driveway on the west side at 2200 Markham Road. There are no traffic controls at this time.
- Markham Road is six-lane major arterial roadway with a posted speed limit of 60 km/h with sidewalks located on both sides.
- Markham Road has a daily traffic volume of approximately 60,000 vehicles per day.
- A Toronto Transit Commission (TTC) bus stop is located at 2200 Markham Road for southbound traffic. The northbound TTC bus stop is located at 2121 Markham Road, approximately 190 metres south of the proposed traffic control signals, which may be reviewed by TTC again following installation of the signals.

The proposed Traffic Control Signals, related to the development at 2201 Markham Road, will provide community safety benefits while mitigating the new development related traffic. All costs associated with the traffic signals and road improvements will be the responsibility of the owners/developers. There will be no cost to the City.

CONTACT

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SIGNATURE

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Director, Transportation Services, Scarborough District

PJN:cr

ATTACHMENTS

1. Appendix 1 – By law Amendment (enact)
2. Location Plan – (Traffic Control Signals – 2201 Markham Road at the Private Access)

“Compulsory Turns”
Regulations to be Enacted

(In
Column 1
Highway Being Entered)

(In
Column 2
Highway From Which Vehicle Enters)

(In
Column 3
Highway Not To Be
Entered)

Markham Road

Private Access (east-side westbound)
approximately 500 metres south of
Finch Avenue East

Private Access
(west side
westbound)
approximately 500
metres south of
Finch Avenue East