



## STAFF REPORT ACTION REQUIRED

### Left Turn Lane Regulation Study - Staines Road and Mantis Road

<b>Date:</b>	May 31, 2011
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 42 – Scarborough Rouge River
<b>Reference Number:</b>	P:\2011\Cluster B\TRA\Scarborough\sc1173 D10-3956613 & D11-4200505 Staines No Stopping, Lane Regulation

#### SUMMARY

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This report describes the need to install lane designation signage and markings at the intersection of Staines Road and Mantis Road.

This report also confirms the need for a stopping regulation in order to maintain safe and efficient traffic flow on Staines Road (east side), from Morningside Avenue to Mantis Road.

It is recommended that a “One Way Traffic Lane” for north-eastbound left turning traffic at the intersection of Staines Road and Mantis Road be installed to clearly define traffic lane usage. This measure is being recommended to normalize traffic operations and mitigate any conflicting turning movements.

#### RECOMMENDATIONS

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**Transportation Services recommends that:**

1. City Council enact the one way traffic lane and no stopping regulation, as identified in Appendix 1 of this report.
2. City Council pass or amend the appropriate by-law(s) accordingly.

## **Financial Impact**

The financial cost of installing these stopping regulation signs and pavement marking is approximately \$2,500.00. Funding for the signs is available in the Transportation Services 2011 Operating Budget, within Cost Centres TP0397 and TP0398.

## **ISSUE BACKGROUND**

These issues have been raised by an area resident who is concerned about traffic congestion at Staines Road and Mantis Road. Observations indicate that parked vehicles restrict the flow of eastbound traffic and Toronto Fire Services and Emergency Medical Service vehicles. Additionally, Staines Road narrows to a single lane northeast of this location.

## **COMMENTS**

The following characteristics describe Staines Road:

- It is located south of Steeles Ave East and east of Neilson Road, in the Morningside Heights neighbourhood.
- Staines Road is a two-lane collector roadway (pending official road classification) with a speed limit of 40 km/h.
- Staines Road at this location has a pavement width of approximately 7.5 metres for the eastbound and 6.5 metres for the westbound directions, respectively.
- The land use on Staines Road consists primarily of single family residential.
- Sidewalks are installed along both sides of Staines Road.

### *Left Turn Lane Designation*

The designation of an eastbound left turn lane on Staines Road at Mantis Road for left turns only would prevent conflicts and enhance overall traffic operations and safety approaching the Staines Road and Mantis Road intersection.

### *Stopping Regulations*

Stopping regulations in the City of Toronto are recommended and adopted by Council on an as needed basis.

We anticipate that the Stopping and Left Turn Regulations will enhance safety for pedestrians, cyclists and motorists along Staines Road.

## **CONTACT**

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## **SIGNATURE**

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PW/JAB:ca

## **ATTACHMENTS**

1. Appendix 1 – By-law Amendment (enact)
2. Location Plan (Traffic Regulations – Staines Road and Mantis Road Area)

Appendix 1

“No Stopping”  
Regulations to be Enacted

(In Column 1) Highway	(In Column 2) Side	(In Column 3) From	To	(In Column 4) Times or Days
Staines Road	south and east	Morningside Avenue	Mantis Road/ Chicory Lane (North leg)	Anytime

“One Way Traffic Lanes”  
Regulations to be Enacted

(In Column 1) Highway	(In Column 2) Between	(In Column 3) Lanes	(In Column 4) Times or Days	(In Column 5) Direction
Staines Road	A point 12 metres south and west of Mantis Road and a point 15 metres further south and west	easterly north-eastbound	Anytime	north-eastbound Left Turning