



**STAFF REPORT  
ACTION REQUIRED**

**All-way “Stop” sign control – Forest Hill Road and Larratt Street**

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|--------------------------|---|
| <b>Date:</b>             | December 12, 2008   |
| <b>To:</b>               | Toronto and East York Community Council                           |
| <b>From:</b>             | Director, Transportation Services, Toronto and East York District |
| <b>Wards:</b>            | St. Paul’s, Ward 22   |
| <b>Reference Number:</b> | Ts09006te.top.doc   |

**SUMMARY**

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This staff report is about a matter for which Community Council has delegated authority from City Council to make a final decision.

Transportation Services has investigated and been requested to report to Toronto and East York Community Council by Councillor Michael Walker on implementing all-way “Stop” sign control at the intersection of Forest Hill Road and Larratt Street.

Staff’s investigation indicates that the intersection of Forest Hill Road and Larratt Street does not satisfy Council’s adopted criteria for the installation of all-way “Stop” sign control. Therefore, installation of “Stop” signs on Forest Hill Road at Larratt Street, to create all-way stop control is not recommended.

**RECOMMENDATIONS**

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Transportation Services recommends that Toronto and East York Community Council:

1. Not authorize the installation of “Stop” signs on Forest Hill Road at Larratt Street.

**Financial Impact**

There are no funding implications resulting from the adoption of the foregoing recommendation. If Toronto and East York Community Council approves the installation of “Stop” signs on Forest Hill Road at Larratt Street, the estimated cost of \$500.00 can be accommodated in the Transportation Services Division Interim 2009 Operating Budget.

## ISSUE BACKGROUND

At the request of Councillor Michael Walker, Transportation Services investigated the need to provide all-way “Stop” sign control at the intersection of Forest Hill Road and Larratt Street to enhance safety at this intersection.

## COMMENTS

### Intersection Characteristics

Forest Hill Road is a local road that operates two-way on a pavement width of 8.5 metres and has a maximum speed limit of 40km/h. Forest Hill Road, in the vicinity of Larratt Street, has a daily two-way traffic volume of approximately 1,625 vehicles.

Larratt Street is a local road that operates two-way for a distance of 116 metres, from Dunvegan Road to Forest Hill Road on a pavement width of 7.3 metres and has a maximum speed limit of 40 km/h. Larratt Street has a daily two-way traffic volume of approximately 250 vehicles. Forest Hill Road and Larratt Street form a T-type intersection. A “Stop” sign is posted on Larratt Street at Forest Hill Road to clearly establish right-of-way.

### Investigation

The data gathered from a recent eight-hour traffic study undertaken at the subject intersection was evaluated against the installation warrants for all-way “Stop” sign control approved by City Council in 2002. The criteria include factors such as: vehicular and pedestrian usage of the intersection; physical and geometric configuration; right-of-way conflicts; and safety experience.

Toronto Police Service collision data records for a three-year period ending July 31, 2008 revealed that 1 collision was reported at this intersection. This type of collision would not have been preventable by the installation of all-way “Stop” sign control.

The following table shows the required numerical criteria required to justify installation of all-way “Stop” sign control and the actual numerical values occurring at the intersection of Forest Hill Road and Larratt Street.

| Inter-section                       | Present Condition             | Minimum Vehicle Volume<br>(Required 250 Vehs/hr Each of 4 Peak Hrs) | Combined Vehicles/Pedestrians Crossing Volume<br>(Required 100 Units/hr) | Volume Split<br>(<70%/30%) | Collision Hazard<br>(≥ 2 preventable per year) | All-way “Stop” Warrants Satisfied (Yes/No) |
|-------------------------------------|-------------------------------|---|--|----------------------------|--|--|
| Forest Hill Road and Larratt Street | “Stop” sign on Larratt Street | Actual:<br>150 Vehs./hr.  | Actual:<br>15 Units/hr.  | 85% /15%                   | 0 / yr.  | No   |

Based on staff's evaluation, the intersection of Forest Hill Road at Larratt Street is operating safely at this time. The criteria for all-way stop control are not satisfied and the installation of "Stop" signs on Forest Hill Road at Larratt Street is not justified or recommended.

## **CONTACT**

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## **SIGNATURE**

Andrew Koropeski, P.Eng.  
Director, Transportation Services

## **LIST OF ATTACHMENTS**

(1) Drawing No. 421F-9517, dated December 2008

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