



## STAFF REPORT ACTION REQUIRED

### All-Way Stop Sign Control – Dixon Avenue and Rainsford Road

<b>Date:</b>	December 11, 2008
<b>To:</b>	Toronto and East York Community Council
<b>From:</b>	Director, Transportation Services Toronto and East York District
<b>Wards:</b>	Beaches-East York, Ward 32
<b>Reference Number:</b>	Ts08205te.top.doc

#### **SUMMARY**

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

Transportation Services has been requested by Councillor Sandra Bussin to report to Toronto and East York Community Council on implementing all-way stop control at the intersection of Rainsford Road and Dixon Avenue.

The low volume of vehicles and pedestrians entering the intersection, along with the good collision record, does not justify an all-way stop control at Dixon Avenue and Rainsford Road.

#### **RECOMMENDATIONS**

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**Transportation Services recommends that Toronto and East York Community Council:**

1. Not approve the installation of a stop sign for eastbound traffic on Dixon Avenue at Rainsford Road.

#### **Financial Impact**

There are no financial impacts associated with this report. Should Toronto and East York Community Council decide that the intersection of Dixon Avenue and Rainsford Avenue would benefit from the installation of all-way stop control; the following financial impacts would apply.

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Division 2009 Operating Budget Interim Appropriations	\$500.00

## ISSUE BACKGROUND

At the request of Councillor Sandra Bussin, Transportation Services staff investigated the feasibility of installing stop signs for eastbound traffic on Dixon Avenue at Rainsford Road.

## COMMENTS

Dixon Avenue at Rainsford Road operates one-way eastbound with a pavement width of 7.3 metres and a speed limit of 40 km/h. Rainsford Road at Dixon Avenue operates two-way north/south with a pavement width of 7.3 metres and a posted speed limit of 40 kilometres per hour. These streets meet to form a standard four-leg intersection. Stop signs are posted on Rainsford Road at Dixon Avenue for northbound and southbound traffic. These signs are clearly visible and in good repair. There is no TTC service on either Dixon Avenue or Rainsford Road.

We reviewed the Toronto Police Services' collision data records for the period from August 31, 2005 to August 31, 2008, and found no collisions have been reported at the intersection of Dixon Avenue and Rainsford Road.

In order for all-way stop control to be justified at an intersection, established warrant criteria must be satisfied. The criteria, as adopted by City Council, include such factors as right-of-way conflicts, collision history, vehicular and pedestrian usage of the intersection.

Transportation Services has applied the results of a recent vehicle/pedestrian count conducted at the intersection and the collision records of the Toronto Police Service to the all-way stop installation criteria. The results are as follows:

- average total approach volume per peak hour = 90 vehicles (minimum of 250 vehicles required);
- average combined vehicle and pedestrian volume crossing major road per peak hour = 80 (minimum of 100 required); and
- collision history = 0 collisions reported (minimum 2 collisions per year required for most recent three-year period).

The warrant criteria for the installation of all-way stop control at Dixon Avenue and Rainsford Road is not satisfied.

## **Alternate Recommendations**

Dixon Avenue is designated as through highway (a roadway which cannot be stop sign controlled) from the east side of Kingston Road to the west side of Woodbine Avenue. Should the intersection of Dixon Avenue and Rainsford Road become an all-way stopped intersection, the through highway designation of Dixon Avenue must be removed, and all existing streets intersecting with Dixon Avenue would require individual by-laws enacted for stop control.

Therefore, should Toronto and East York Community Council decide that the intersection of Dixon Avenue and Rainsford Road would benefit from the installation of all-way stop control it will be necessary to recommend that Toronto and East York Community Council:

1. Rescind the designation of Dixon Avenue , from the east side of Kingston Road to the west side of Woodbine Avenue, as a through highway.
2. Designate stop control as follows:
  - a. Dixon Avenue eastbound at Rainsford Road;
  - b. Rainsford Road northbound and southbound at Dixon Avenue;
  - c. Lockwood Road northbound at Dixon Avenue; and
  - d. Brookmount Road northbound and southbound at Dixon Avenue.

## **CONTACT**

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## **SIGNATURE**

Andrew Koropeski, P. Eng.  
Director, Transportation Services

## **LIST OF ATTACHMENTS**

- (1) Drawing No. 421F-9504, dated December 2008

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