Pedestrian Crossover – Dawes Road and Beth Street

Date: February 4, 2014
To: Toronto and East York Community Council
From: Director, Transportation Services, Toronto and East York District
Wards: Beaches – East York, Ward 2
Reference Number: Ts204016te.top.doc

SUMMARY
At the request of Councillor Janet Davis, Transportation Services has evaluated the feasibility of installing a pedestrian crossover on Dawes Road at Beth Street. According to our observations the number of pedestrians crossing in this area is low and the pedestrian crossover warrants were not satisfied.

RECOMMENDATION
Transportation Services recommends that:

1. City Council not approve the installation of a pedestrian crossover on Dawes Road and Beth Street.

Financial Impact
If the staff recommendation is adopted this report has no financial impact.

If, however, Toronto and East York Community Council recommends the installation of a pedestrian crossover at this location, the estimated cost would be $30,000.00. Funds for the installation of new pedestrian crossovers are subject to funding availability and competing priorities in the Transportation Services 2014 Capital Budget. The added annual operating and maintenance costs associated with this installation are $2,500.00. These funds would come from the annual Transportation Services Operating Budget.

ISSUE BACKGROUND
At the request of Councillor Janet Davis, Transportation Services investigated the need for a pedestrian crossover at the intersection of Dawes Road and Beth Street.
COMMENTS

Dawes Road is a north-south minor arterial roadway, operating two-way, with a pavement width that varies between 8.5 and 12.2 metres. Dawes Road has a speed limit of 50 km/h. There are bike lanes and TTC service on this section of Dawes Road. Beth Street forms a "T"-type intersection at Dawes Road, operating two-way east-west, with a pavement width of 8.5 metres and a speed limit of 50 km/h.

Transportation Services conducted a pedestrian volume and delay study, reviewed the collision records, and evaluated the neighbourhood environment to determine if the installation of a pedestrian crossover is justified on Dawes Road at Beth Street.

The pedestrian survey conducted during the busiest eight-hour period on a typical weekday, revealed that a total of 231 pedestrians (219 youths and adults and 12 assisted children) crossed Dawes Road, at, or in the vicinity of Beth Street. Of these, 105 pedestrians were delayed 10 seconds or more in crossing Merton Street.

Based on the data collected, the pedestrian crossover warrant criteria is satisfied to the following extent:

- Pedestrian Volume: 100 percent
- Pedestrian Delay: 81 percent

To technically justify the installation of a pedestrian crossover both warrants must be satisfied to 100 percent. Therefore, the installation of a pedestrian crossover on Dawes Road at Beth Street cannot be justified.

Collision statistics provided by the Toronto Police Service for the three-year period ending October 31, 2013 disclosed that no reported collisions occurred at this intersection.

Therefore, a pedestrian crossover should not be installed at the intersection of Dawes Road and Beth Street.

CONTACT

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SIGNATURE

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ATTACHMENT

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