



RECEIVED
 MAY 04 2006

Andrew Koropeski, Director
 Toronto and East York District
 Transportation Services Division

Fareed Amin, Deputy City Manager

Gary Welsh, P. Eng.
 General Manager
 Transportation Services Division

Reply to: Bob Bonner
 Traffic Operations
 17th Floor, Metro Hall
 Toronto, Ontario M5V 3C6
Tel: 416-392-7712
Fax: 416-392-1920
E-mail: bbonner@toronto.ca

May 2, 2006

Councillor Michael Walker
 Ward 22 – St. Paul’s
 100 Queen St. W., Suite B26
 Toronto, Ontario
 M5H 2N2

Dear Councillor Walker:

**Re: Eglinton Avenue East and Forman Avenue - Request to review pedestrian crossing times
 Eglinton Avenue East and Rawlinson Avenue – Request to prohibit parking**

In response to a recent telephone inquiry from Dr. Barbara Langford, we have reviewed the time provided for pedestrians to cross Eglinton Avenue at Forman Avenue. Additionally we have reviewed Dr. Langford’s request to prohibit parking on the north side of Eglinton Avenue East, west of Rawlinson Avenue. Based on our review we can offer the following comments.

Eglinton Avenue East and Forman Avenue - Request to review pedestrian crossing times

During the busiest eight-hour period of a typical weekday, approximately 700 pedestrians cross at this intersection. At intersections controlled by traffic signals, we provide sufficient time to enable pedestrians to cross at a comfortable walking speed. This time is based on the average walking speed for the majority of adults, identified through surveys from many municipalities including the City of Toronto, and equates to about 1.2 metres per second. In areas where we have identified a high percentage of pedestrians with slower average walking speeds (such as senior citizens and school children) we provide time for pedestrians to cross the road at a slower walking speed of about 1.0 metre per second or less.

The following table summarizes the crossing distances, existing crossing times and the required crossing times at a walking speed of 1.0 metre per second for pedestrians crossing Eglinton Avenue East at Forman Avenue:

Existing crossing time:

Crossing	Time Period	Crossing distance (metres)	Duration of the “Walk” phase (sec.)	Duration of the “Flashing Don’t Walk” phase (sec.)	Total Pedestrian Crossing Time Provided (sec.)	Required Pedestrian Crossing Time (sec.)
Eglinton Avenue East	Morning peak period	16.9	9	9	18	18
	Off-peak periods	16.9	7	9	16	18
	Afternoon peak period	16.9	9	9	18	18

The total time provided for pedestrians to cross a road at a signalized intersection is the sum of the duration of the “Walk” and “Helping Hand (Flashing Don’t Walk)” displays. As shown in the table above, we do not presently provide adequate time for pedestrians to cross Eglinton Avenue East at Forman Avenue at a walking speed of 1.0 metres per second in the off-peak period. We will arrange to provide an additional 2 seconds of walk time in the off-peak period as soon as possible. The resulting crossing times will be as follows:

Proposed Crossing Time:

Crossing	Time Period	Crossing distance (metres)	Duration of the "Walk" phase (sec.)	Duration of the "Flashing Don't Walk" phase (sec.)	Total Pedestrian Crossing Time Provided (sec.)	Required Pedestrian Crossing Time (sec.)
Eglinton Avenue East	Morning peak period	16.9	9	9	18	18
	Off-peak periods	16.9	9	9	18	18
	Afternoon peak period	16.9	9	9	18	18

Eglinton Avenue East and Rawlinson Avenue – Request to prohibit parking

Dr. Langford has expressed concerns that it is difficult to make a southbound right turn from Rawlinson Avenue to Eglinton Avenue East and then merge safely into traffic due to the presence of parked vehicles on the north side of Eglinton Avenue East, immediately west of Rawlinson Avenue.

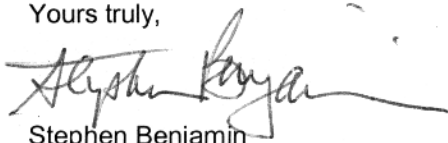
Stopping is prohibited on this section of Eglinton Avenue East from 7:00 a.m. to 9:00 a.m., and from 4:00 p.m. to 6:00 p.m., Monday to Friday. Parking is prohibited on the north side of Eglinton Avenue East from the west curb of Forman Avenue to a point 9.0m further west (statutory corner restriction). One vehicle can legally park between this point and a driveway located to the west. Parking is otherwise permitted for a maximum period of 3 hours. Due to the presence of a number of driveway ramps, there are limited opportunities to park on the north side of Eglinton Avenue East in the vicinity of Rawlinson Avenue.

A five-year collision history (June 20, 2000 to June 20, 2005) was compiled for the intersection of Eglinton Avenue East and Rawlinson Avenue, specifically looking at the incidence of right-turning vehicles colliding with westbound motorists. During the study period there were no reported collisions which were precipitated by vehicles parked on the north side of Eglinton Avenue East at Rawlinson Avenue. Furthermore, field investigation has determined that there are obstructions to southbound motorists' view of westbound traffic.

Given the high demand for parking in this area due to the presence of a number of high-rise residential properties and local businesses, and the lack of any reported collisions involving the southbound right-turn movement, we do not recommend extensively prohibiting parking on the north side of Eglinton Avenue East, west of Rawlinson Avenue. However, to improve operations, we will extend the current 9.0m corner parking prohibition to the west limit of the above-noted driveway. As a result, parking will be prohibited between Rawlinson Avenue and a point 22 metres west thereof, which will result in the loss of one parking space. This work will be completed as soon as our schedule permits.

We will notify Dr. Langford of our study results today with a telephone call. If you have any questions regarding this investigation, please contact Bob Bonner, Transportation Technologist, at (416) 392-7712.

Yours truly,



Stephen Benjamin
 Manager, Traffic Operations
 Toronto and East York District, West Area

BB/bb
 06-00557
 File W0037