STAFF REPORT
ACTION REQUIRED

Royal York Road and Eglinton Avenue West – Lane Designation

Date: May 4, 2009

To: Etobicoke York Community Council

From: Director, Transportation Services - Etobicoke York District

Wards: Ward 4 – Etobicoke Centre

Reference Number: p:\2009\Cluster B\TRA\EtobicokeYork\eycc090082-to

SUMMARY
The purpose of this report is to obtain approval to remove the southbound exclusive right turn lane on Royal York Road at Eglinton Avenue West. An increase in the southbound traffic volume combined with the introduction of a northbound left turn advance arrow has resulted in congestion on Royal York Road, specifically in the afternoon peak period. As a result, allowing a southbound through lane and a southbound through/right turn lane is an attempt to relieve some of this congestion.

Since the Toronto Transit Commission (TTC) operates transit service on Royal York Road, City Council approval of this report is required. TTC staff has been consulted on this issue and has not objected to this proposal.

RECOMMENDATIONS
Transportation Services recommends that City Council approve:

1. Rescinding the regulation that the southbound curb lane on Royal York Road at Eglinton Avenue West be designated for right turning vehicles only, buses excepted, from Eglinton Avenue West to a point 30.5 metres northerly thereof

Financial Impact

<table>
<thead>
<tr>
<th>Type of Funding</th>
<th>Source of Funds</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available within current budget</td>
<td>Transportation Services Operating Budget</td>
<td>$100.00</td>
</tr>
</tbody>
</table>
ISSUE BACKGROUND
Transportation Services staff received a request and met separately on site with both Councillor Rob Ford, Ward 2, as well as Councillor Gloria Lindsay Luby, Ward 4, to discuss traffic congestion southbound on Royal York Road at Eglinton Avenue West in the afternoon peak. A map of the area is Attachment 1.

COMMENTS
Royal York Road is classified as a minor arterial road and Eglinton Avenue West is classified as a major arterial road. The intersection is controlled by traffic control signals. A left turn lane, one through lane and one exclusive right turn lane currently exist for southbound traffic on Royal York Road at Eglinton Avenue West. Bus stops for Royal York Road are currently located on the southeast and northwest corners of the intersection. The current speed limit is 50 km/h on Royal York Road. The TTC operates bus service on this road.

A report was previously presented to Etobicoke York Community Council in January 2006, further to a request of Councillor Gloria Lindsay Luby, on behalf of a constituent, to designate the southbound curb lane on Royal York Road at both Eglinton Avenue West and Lawrence Avenue West/The Westway for the exclusive use of vehicles wishing to turn right. Staff supported this request and these regulations were ultimately approved by City Council.

Prior to the installation of this regulation, lane utilization studies were conducted producing the following results at the intersection of Royal York Road at Eglinton Avenue West:

<table>
<thead>
<tr>
<th>Southbound Movement</th>
<th>Volume</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Through from centre lane</td>
<td>450</td>
<td>67 %</td>
</tr>
<tr>
<td>Through from curb lane</td>
<td>95</td>
<td>14 %</td>
</tr>
<tr>
<td>Right from curb lane</td>
<td>126</td>
<td>19 %</td>
</tr>
</tbody>
</table>

Our observations concluded that, at times, southbound right turning motorists were delayed by the through vehicles within the curb lane waiting for the green indication. Also, it appeared that most of these through motorists using the curb lane were aware that the lane was not continuous for a long distance beyond the intersection and were attempting to jump the queue of vehicles waiting at the intersection. We observed that in some cases, these vehicles, when attempting to merge, would create congestion to the south of the intersection.

At the time, we also indicated that from our observations, designating the southbound curb lane exclusively for right turns would not have a significant impact on southbound though motorists, while reducing the potential for delays of southbound right turning vehicles.
To quantify the need for retaining or removing the exclusive right turn designation on Royal York Road at Eglinton Avenue West, staff has conducted additional studies at this intersection. The results of this study are as follows:

Date: December 3, 2008
Time: 4:00 p.m. to 5:00 p.m.

<table>
<thead>
<tr>
<th>Southbound Movement</th>
<th>Volume</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Through from centre lane</td>
<td>555</td>
<td>76%</td>
</tr>
<tr>
<td>Through from curb lane</td>
<td>42*</td>
<td>6%</td>
</tr>
<tr>
<td>Right from curb lane</td>
<td>130</td>
<td>18%</td>
</tr>
</tbody>
</table>

* illegal movement

When the exclusive right turn lane was initially installed southbound on Royal York Road at Eglinton Avenue West, we did not notice the same back-up of traffic that has been noticed over the last year. What has contributed to this back-up is the overall increase in southbound traffic on Royal York Road, as shown in the above tables, combined with the addition of a northbound left turn arrow which, although required, does take green time away from the southbound traffic. As such, the congestion has increased southbound on Royal York Road to the point that the queue is beyond the signals to the north at La Rose Avenue.

To try to mitigate this back-up, we are recommending the removal of the southbound exclusive right turn lane to try to relieve the congestion.

CONTACT
Bruce Clayton, Transportation Services - Etobicoke York District
Tel: (416) 394-8408; Fax: (416) 394-8942
E-mail: clayton@toronto.ca
AFS10069

SIGNATURE

John Niedra, P.Eng.
Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Attachment 1: Map