Proposed Lane Designation and Signs – Southbound on Bellamy Road North at Eglinton Avenue East

Date: March 3, 2011
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 38 – Scarborough Centre
Reference Number: P:\2011\Cluster B\TRA\Scarborough\sc1125 D09-3434747 Bellamy Road N lane designation

SUMMARY

This report describes the need to install lane designation signage and markings at the signalized intersection of Eglinton Avenue East and Bellamy Road North.

It is recommended that a “One Way Traffic Lane” for southbound right turning traffic at the intersection of Bellamy Road North and Eglinton Avenue East be installed to clearly define traffic lane usage. This measure is being recommended to normalize traffic operations and mitigate any conflicting turning movements.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council enact the one way traffic lane regulation as identified in Appendix 1 of this report.

2. City Council pass or amend the appropriate by-law(s) accordingly.

Financial Impact
The financial cost of installing the signs and marking is approximately $1,000.00. Funding for this is available in the Transportation Services 2011 Operating Budget, within Cost Centre TP0397.
ISSUE BACKGROUND
Further to an inquiry from the Toronto Transit Commission, Transportation Services staff reviewed the issue of conflicts arising between buses and motorists when buses are stopped at the intersection to serve the southbound near-side bus stop. Motorists were observed to go around the buses, as they proceeded through the intersection or turned right.

COMMENTS
The following characteristics describe this location:

- This intersection is located in the Eglinton East Community.
- Bellamy Road North and Eglinton Avenue East is controlled by traffic control signals.
- The south leg of the intersection serves a GO Transit passenger pick-up/drop-off facility.
- The southbound right turn lane is approximately 50 metres in length.
- The existing lane configuration on the southbound approach to this intersection consists of an exclusive left-turn lane and a shared through/right turn lane, and it has a pavement width of approximately 9.8 metres and a speed limit of 50 kilometres per hour (not signed).
- Sidewalks are located on both sides of Bellamy Road North.

The designation of the southbound curb lane on Bellamy Road North for right turns only would prevent conflicts and enhance overall traffic operations and safety at the Bellamy Road North and Eglinton Avenue East intersection.

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SIGNATURE

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PW/JAB :ca

ATTACHMENTS
1. Appendix 1 – By-law Amendment (enact)
2. Location Plan (Proposed Lane Designation and Signs – Bellamy Road North at Eglinton Avenue East
Appendix 1

“One Way Traffic Lanes”
Regulations to be Enacted

<table>
<thead>
<tr>
<th>Highway</th>
<th>Between</th>
<th>Lanes</th>
<th>Times or Days</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bellamy Road North</td>
<td>Eglinton Avenue East and a point 30.5 metres north</td>
<td>Westerly Southbound</td>
<td>Anytime</td>
<td>Southbound Right Turning</td>
</tr>
<tr>
<td>Bellamy Road North</td>
<td>A point 30.5 metres north Eglinton Avenue East and a point 19.5 metres further north</td>
<td>Westerly Southbound</td>
<td>Anytime</td>
<td>Southbound Right Turning</td>
</tr>
</tbody>
</table>