Northbound Right-Turn Lane Study – Kennedy Road and Sheppard Avenue East

Date: August 20, 2012
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 40– Scarborough-Agincourt
Reference Number: P:\2012\Cluster B\TRA\Scarborough\sc1283
D12-4723715 Kennedy Sheppard NB RT Lane

SUMMARY

The purpose of this report is to obtain authorization for a road alteration by-law and enact a one way traffic lane regulation on Kennedy Road at Sheppard Avenue East

RECOMMENDATIONS

Transportation Services recommends that:

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

2. City Council, Pursuant to the City of Toronto Act 2006, authorize the appropriate City officials to prepare the necessary Road Alteration By-law.

3. Pass or amend the appropriate by-law(s) accordingly.

Financial Impact
The financial cost of constructing the right-turn lane and installing the necessary signs has been secured as a mitigating measure from nearby development.

ISSUE BACKGROUND
Transportation Services has secured the construction of a northbound right-turn lane as a mitigating measure of nearby land development. A One Way Traffic Lane by-law with the appropriate signs being White on Black Right-Turn Lane arrows with Buses Excepted Signs Tabs will be required. In addition a Road Alteration By-law is required to construct the northbound right-turn lane.
COMMENTS
The following characteristics describe the location of the proposed right-turn lane on Kennedy Road approaching Sheppard Avenue East:

- Kennedy Road is currently a seven lane major arterial roadway.
- Kennedy Road in the vicinity of Sheppard Avenue East has a posted speed limit of 60 kilometres per hour (km/h), an operating speed of approximately 71 km/h and a daily traffic volume of approximately 36,000 vehicles per day (vpd).
- Sheppard Avenue East in the vicinity of Kennedy Road has a posted speed limit of 60 kilometres per hour (km/h), an operating speed of approximately 71 km/h and a daily traffic volume of approximately 27,000 vehicles per day.
- Sidewalks are located on both sides of Kennedy Road and Sheppard Avenue East.
- The land usage on this section of Kennedy Road at Sheppard Avenue East is primarily commercial, retail outlets, business offices and multi-level residential.

The construction of the northbound right-turn lane is a mitigating measure for development in the area.

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SIGNATURE

____________________________________
Peter J. Noehammer, P.Eng.
Director, Transportation Services, Scarborough District

FJB:ca

ATTACHMENTS
1. Appendix 1- Proposed Highway Alterations and One Way Traffic Lane
2. Location Plan (Northbound Right-Turn Lane Study – Kennedy Road and Sheppard Avenue East)
Appendix 1

Proposed Highway Alterations
Regulations to be Enacted

<table>
<thead>
<tr>
<th>Ward</th>
<th>Street</th>
<th>At</th>
<th>To</th>
<th>Description of Highway Alteration</th>
<th>Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Kennedy Road</td>
<td>85 metres south of</td>
<td>Sheppard Avenue East</td>
<td>Construct an exclusive Northbound Right-turn Lane</td>
<td>Safety and Operational Improvement</td>
</tr>
</tbody>
</table>

“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>Kennedy Road</td>
<td>Sheppard Avenue East and 60 metres south of Sheppard Avenue East</td>
<td>Northbound East Lane</td>
<td>Anytime</td>
<td>Northbound Right Turning, Buses Excepted</td>
</tr>
</tbody>
</table>