

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.

CONTACT

Marko A. Oinonen, B.A. Sc., P.Eng.
Manager, Traffic Operations, Scarborough District
Tel: 416-396-7148
Fax: 416-396-5641
E-Mail: moinone@toronto.ca

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

Ward	Street	At	To	Description of Highway Alteration	Rationale
40	Kennedy Road	85 metres south of Sheppard Avenue East	Sheppard Avenue East	Construct an exclusive Northbound Right-turn Lane	Safety and Operational Improvement

“One Way Traffic Lanes”
Regulations to be Enacted

(In Column 1) Highway	(In Column 2) Between	(In Column 3) Lanes	(In Column 4) Times or Days	(In Column 5) Direction
Kennedy Road	Sheppard Avenue East and 60 metres south of Sheppard Avenue East	Northbound East Lane	Anytime	Northbound Right Turning, Buses Excepted