



**STAFF REPORT
ACTION REQUIRED**

U-Turn Prohibition Study – Kingston Road, west of Sheppard Avenue East / Port Union Road

Date:	January 19, 2012
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 44 – Scarborough East
Reference Number:	P:\2012\Cluster B\TRA\Scarborough\sc1220 D11-4561436 Kingston Rd U-Turn Prohibition

SUMMARY

The purpose of this report is to obtain approval for the installation of a U-Turn prohibition for westbound Kingston Road, west of Sheppard Avenue East / Port Union Road. Traffic studies reveal that a U-Turn Prohibition is justified. Prohibiting U-Turns will provide a safer environment for roadway users and allow enforcement by the Toronto Police Service.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council enact the prohibited turns 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 appropriate signage is approximately \$500.00. Funding for the signs is available in the Transportation Services 2012 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND

Further to a request from an area resident, Transportation Services staff reviewed the feasibility of installing a westbound U-Turn Prohibition on Kingston Road, west of Sheppard Avenue East / Port Union Road.

COMMENTS

The following characteristics describe the area and land uses on Kingston Road, west of Sheppard Avenue East / Port Union Road:

- Kingston Road is an east-west major arterial roadway with a 60 km/h speed limit and a daily traffic volume of approximately 32,000 vehicles per day (vpd).
- The land uses on Kingston Road west of Sheppard Avenue East / Port Union Road are predominantly commercial with a gas station and a Tim Horton's restaurant located on the northwest corner of the subject intersection. The southwest side of the intersection is a vacant site owned by the Ministry of Transportation adjacent to the Highway 401 / Port Union Road interchange.
- A left / right-in and right-out access driveway for the Tim Horton's restaurant is located approximately 75 metres west of Sheppard Avenue, on the north side of Kingston Road.
- The centre median on Kingston Road extends westward from Sheppard Avenue for approximately 35 metres.

U-Turn Observation Study

Transportation Services staff conducted a U-Turn Observation Study on the west side of the subject intersection. Our traffic studies revealed that some westbound drivers are making U-Turns on Kingston Road, just west of the intersection, and then proceeding to make an eastbound right turn onto Port Union Road to avoid queuing up in the westbound left turn lane. To enhance traffic safety by preventing the subject U-Turns, Traffic Operations staff recommend that a No U-Turn sign be installed for westbound traffic along Kingston Road at the west end of the centre median island, located west of the intersection. Although a five year collision review indicates there have been no U-Turn related collisions at the west side of the intersection it would still be prudent to recommend the No U-Turn sign, due to the large number of vehicles performing the potentially unsafe U-Turn manoeuvre (as many as 23 vehicles per hour during the peak morning rush hour).

Collision History

A review of the Toronto Police Service collision records for the five-year period ending December 31, 2010 revealed the following history:

Five-Year Collision Information	Number of Reported Collisions					
	2006	2007	2008	2009	2010	Total
Collisions Involving Westbound U-Turns on Kingston Road, west of intersection.	0	0	0	0	0	0

- Although this five year collision review indicates there have been no U-Turn related collisions at the west side of the intersection, as the study has shown, as many as 23 vehicles per hour during the peak morning rush hour perform this potentially unsafe U-Turn manoeuvre. As such, it is prudent to recommend the installation of the no u-turn signage at this location.

The installation of No U-Turn signage is expected to improve safety for all road users by minimizing vehicular conflicts and also allow for enforcement by the Toronto Police Service.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Appendix 1 – By-law Amendment (enact)
2. Location Plan (U-Turn Prohibition Study - Kingston Road, west of Sheppard Avenue East / Port Union Road)

Appendix 1

“Prohibited Turns”
Regulation to be Enacted

(In Column 1) Intersection or Portion of Highway	(In Column 2) Direction	(In Column 3) Turns Prohibited	(In Column 4) Times or Days
Kingston Road between Sheppard Avenue East / Port Union Road and Rylander Boulevard	Westbound	U-Turn	Anytime