

Left Turn Prohibitions – Kennedy Road at Reidmount Avenue, Marilyn Avenue, and Bonis Avenue/Cardwell Avenue

Date: September 14, 2017
To: Scarborough Community Council
From: Acting Director, Transportation Services, Scarborough District
Wards: Ward 39 – Scarborough Agincourt
Ward 40 - Scarborough Agincourt

SUMMARY

This staff report recommends the installation of a southbound left turn prohibitions between 7:00 to 9:00 a.m., Monday to Friday at three intersections along Kennedy Road, namely Reidmount Avenue, Marilyn Avenue and Bonis Avenue/Cardwell Avenue.

RECOMMENDATIONS

The Acting Director, Transportation Services, Scarborough District recommends that:

1. City Council prohibit southbound left turns from 7:00 a.m. to 9:00 a.m., Monday to Friday at Kennedy Road and Reidmount Avenue.
2. City Council prohibit southbound left turns from 7:00 a.m. to 9:00 a.m., Monday to Friday at Kennedy Road and Marilyn Avenue.
3. City Council prohibit southbound left turns from 7:00 a.m. to 9:00 a.m., Monday to Friday at Kennedy Road and Bonis Avenue/Cardwell Avenue.

FINANCIAL IMPACT

The financial cost of installing the prohibitions is approximately \$1,500.00. The funding for these signs is available in the Transportation Services Division's 2017 Operating Budget, within Cost Centre TP0397.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Further to a request from Councillor Jim Karygiannis based on a canvass of area constituents, Transportation Services staff reviewed the existing southbound left turning movements at the intersections of Kennedy Road at Reidmount Avenue, Marilyn Avenue and Bonis Avenue/Cardwell Avenue.

Existing Conditions

Kennedy Road is a five-lane major arterial roadway with a posted speed limit of 60 kilometres per hour and has a daily traffic volume of approximately 35,000 vehicles per day. The land uses are primarily multi-family residential homes combined with condominiums major retail and commercial developments located south of the intersection of Kennedy Road and Bonis Avenue/Cardwell Avenue. The intersections of Kennedy Road and Reidmount Avenue and Kennedy Road and Marilyn Avenue are unsignalized, while the intersection of Kennedy Road at Bonis Avenue-Cardwell Avenue is signalized. Kennedy Road is a Major Arterial street, Bonis Avenue is a Collector street, and Reidmount Avenue, Marilyn Avenue and Cardwell Avenue are local streets.

Analysis

Transient traffic along all three side streets is an on-going concerns for residents during the morning peak hour periods. General observations by staff during the morning period indicate southbound right turn volumes to be moderate at these intersections, being most prevalent during the morning peak period between 7:00 a.m. to 9:00 a.m. The majority of this southbound left turning traffic appeared to be cut-through traffic utilizing these streets as alternate routes to access the GO Agincourt Station located at 4100 Sheppard Avenue East.

General observations by staff during the morning period indicate that southbound right turn volumes are moderate at these intersections, and are most prevalent during the morning peak period between 7:00 a.m. to 9:00 a.m.

Collision analysis for a five-year period ending December 31, 2016 based on collision data provided by Toronto Police Services revealed no southbound left turn related collisions for either intersections at Kennedy Road at Reidmount Avenue and at Marilyn Avenue. One southbound left turn collision was found at the intersection of Kennedy Road and Bonis Avenue-Cardwell Avenue; this is not indicative of a safety concern.

An intersection capacity analysis revealed that the signalized intersection to the south at Kennedy Road at Sheppard Avenue can accommodate the additional southbound left

turn volumes displaced as a result of the southbound left turn prohibitions at Reidmount Avenue, Marilyn Avenue and Bonis Avenue/Cardwell Avenue without having an adverse impact to other traffic movements at the signalized intersection at Kennedy Road and Sheppard Avenue.

Given that cut-through traffic is evident during the morning peak periods and also to minimize the impact to residents of Reidmount Avenue, Marilyn Avenue and Bonis Avenue/Cardwell Avenue, staff recommend the introduction of southbound left turn prohibitions at the intersections of Kennedy Road at Reidmount Avenue, Marilyn Avenue and Bonis Avenue/Cardwell Avenue between the hours of 7:00 a.m. to 9:00 a.m., Monday to Friday. The implementation of the proposed left turn prohibitions will mitigate traffic infiltration during weekday morning peak periods along Reidmount Avenue, Marilyn Avenue, and Cardwell Avenue.

CONTACT

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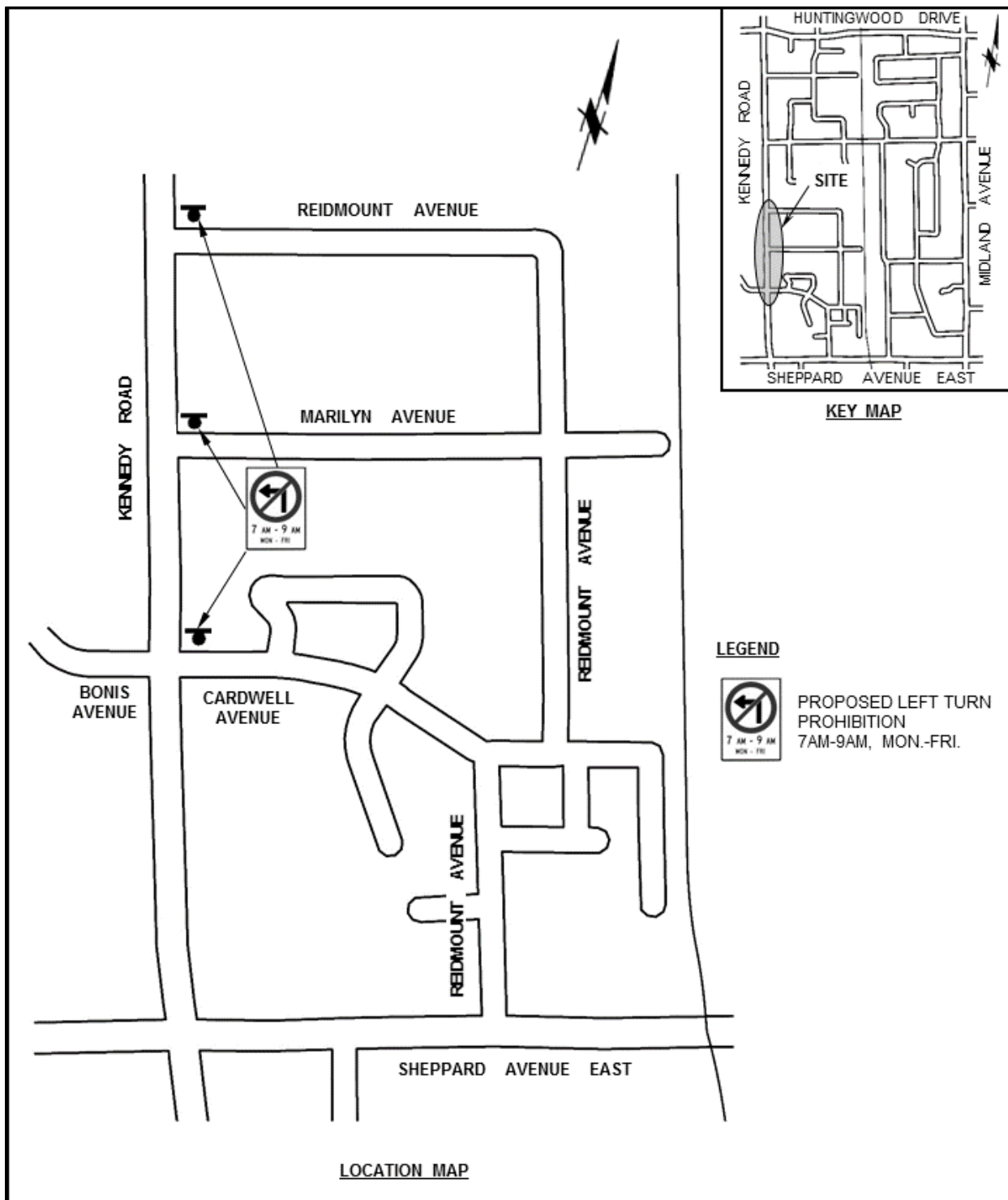
Carly Hinks, C.E.T.
Acting Director, Transportation Services, Scarborough District

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ATTACHMENTS

1. Location Plan (Left Turn Prohibitions – Kennedy Road at Reidmount Avenue, Marilyn Avenue, Bonis Avenue/Cardwell Avenue).



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| TORONTO TRANSPORTATION SERVICES | | TRAFFIC OPERATIONS Scarborough District | |
| SCALE: | N.T.S. | LEFT TURN PROHIBITIONS AT KENNEDY ROAD AND REIDMOUNT AVENUE, MARILYN AVENUE, AND BONIS AVENUE/CARDWELL AVENUE | |
| DATE: | SEPT., 2017 | | |
| DRAFTING: | O.K. | | |
| | | FILE NUMBER: D17-8413350 | |
| | | ATTACHMENT 1 | WARD 39 |