

Highway Alterations – Highway 27 and Queen's Plate Drive

Date: May 27, 2019
To: Etobicoke York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 1 – Etobicoke North

SUMMARY

Transportation Services is requesting City Council authority to alter the northwest corner of the signalized intersection of Highway 27 and Queen's Plate Drive by removing the southbound (to westbound) right-turn channel.

This proposed road alteration will provide for a more pedestrian friendly environment by removing the extra pedestrian crossing from the curb to the channelized island and help reduce the speed of southbound right-turning traffic at the intersection Highway 27 and Queen's Plate Drive

Since the Toronto Transit Commission (TTC) operates a transit service on Highway 27 and Queen's Plate Drive, City Council approval of this report is required. TTC staff has been consulted on the matter and has not objected to the proposal.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services recommends that:

1. City Council approve the alterations and modifications at the northwest corner of the intersection of Highway 27 and Queen's Plate Drive, as indicated in Appendix "A", and generally as shown on the attached Drawing EY19-047, dated May 2019.

FINANCIAL IMPACT

The proposed road alterations are part of Engineering and Construction Services' Contract 19ECS-TI-07LR and can be accommodated within the Transportation Services 2019 Capital Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

As part of Engineering and Construction Services' Contract 19ECS-TI-07LR, for the resurfacing of Highway 27 between Rexdale Boulevard (east intersection) and Rexdale Boulevard (west intersection), the northwest corner of the intersection of Highway 27 and Queen's Plate Drive will be modified. The proposed road alterations are the basis of this report. A drawing of the existing intersection conditions is Attachment 1.

Highway 27 and Queen's Plate Drive are classified as "major arterial" and "collector" roadways, respectively, in the City's road classification system. The intersection of Highway 27 and Queen's Plate Drive is controlled by traffic signals; however, the southbound (to westbound) right-turn movements are currently channelized and free-flow. Sidewalks exist on both sides of either roadway.

To help reduce the speed of southbound right-turning traffic and make the intersection more pedestrian friendly, the southbound (to westbound) right-turn channel will be eliminated and the curbs extended out at the northwest corner of the intersection of Highway 27 and Queen's Plate Drive. The proposed road alteration will result in the southbound right-turn movement proceeding through the intersection controlled by the existing traffic control signals. As part of this project a pedestrian crosswalk will be added on the north side of the intersection.

Based on the aforementioned, staff recommends the alterations and modifications at the northwest corner of Highway 27 and Queen's Plate Drive, as indicated in Appendix "A", and generally as shown on Drawing EY19-047 (Attachment 1), dated May 2019.

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SIGNATURE

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ATTACHMENT

Appendix "A"
Attachment 1 Existing and Proposed Configuration

Appendix "A"

May 27, 2019

Locations Requiring a Highway Alteration

Ward	Street	At	To	Description of Highway Alteration	Rationale
1	Highway 27	Queen's Plate Drive		Removing the southbound (to westbound) right-turn channel thus tying the southbound right-turn movements into the existing traffic control signals.	To help reduce the speed of southbound right-turning traffic. Pedestrian safety.

Attachment 1: Area Map – Existing and Proposed Configuration

