

Pedestrian Crossing Protection - Highway 27 and Rexdale Boulevard

Date: March 13, 2026

To: City Council

From: Director, Enforcement and Street Management, Transportation Services

Wards: Ward 1 - Etobicoke North

SUMMARY

As the Toronto Transit Commission (TTC) operates a transit service on Highway 27, City Council approval of this report is required.

Transportation Services has reviewed the need for pedestrian crossing protection at the northbound, southbound and westbound right-turn channels at the intersection of Highway 27 and Rexdale Boulevard. Based on the assessment undertaken, Transportation Services is recommending the installation of a pedestrian crossover (PXO) at these locations. The PXOs will provide enhanced safety for vulnerable road users.

During the course of the investigation, it was noted that there is a discrepancy between posted signs and the yield sign regulations. Recommendation 2 will correct this inconsistency.

RECOMMENDATIONS

The Director, Enforcement and Street Management, Transportation Services recommends that:

1. City Council authorize the installation of three pedestrian crossovers at the right-turn channels at the northwest, northeast and southeast corner of the intersection of Highway 27 and Rexdale Boulevard.
2. City Council authorize two yield controls on the right turn channels at the northwest and southeast intersections of Highway 27 and Rexdale Boulevard.

FINANCIAL IMPACT

The estimated cost for installing PXOs within the right-turn channels located on the northwest, northeast, southeast corners of the intersection of Highway 27 and Rexdale

Boulevard is \$3000.00. The funding for these signs is available in the Transportation Services 2026 Capital Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services staff was requested by area residents, to review potential enhancements for pedestrian safety crossing the right-turn channels at the northwest, northeast and southeast corners of the intersection of Highway 27 and Rexdale Boulevard.

Existing Conditions

Highway 27 at the subject intersection is characterized by the following conditions:

- It is a six-lane, north/south, major arterial roadway
- It operates two-way traffic on a pavement width of approximately 28 metres
- The speed limit is 70 km/h
- Heavy trucks are permitted at all times
- There is TTC service provided by the 906, and 927 buses
- There are sidewalks located on both sides of the street north of the intersection and on the east side south of the intersection

Rexdale Boulevard are characterized by the following conditions:

- It is a six lane, east/west major arterial roadway
- They operate two-way traffic on a pavement width of approximately 28 metres
- The speed limit is 60 km/h
- Heavy trucks are permitted at all times
- There is no TTC service provided at the subject intersection
- There are sidewalks located on the north side of the street

The intersection of Highway 27 and Rexdale Boulevard is controlled by traffic signals. There are southbound, northbound and westbound right-turn channels at the intersection, yield controls are currently located on the northbound and southbound right-turn channels. The westbound right-turn channel does not require a yield sign as it turns into a designated through lane and vehicles are not required to yield to any traffic. There are no supporting bylaws for these existing yield signs.

The land use in this area is commercial and industrial. Woodbine Casino is located on the southwest corner of the subject intersection. Woodbine Mall is located on the northwest corner of the subject intersection.

A map of the area is shown in Attachment 1.

Pedestrian Crossover (PXO)

To determine the need for a PXO at the southbound, northbound and westbound right-turn channel at the intersection of Highway 27 and Rexdale Boulevard, staff rely on the justification criteria and application information as outlined in the Ontario Traffic Manual (OTM) Book 15. While OTM Book 15 notes that both yield signs and Level 2 Type D PXOs are appropriate for use at right-turn channels, staff recommend the installation of a Level 2 Type D PXO. This type of PXO utilizes signage and pavement markings only. The signage and pavement markings are a more explicit indication to people driving to be aware of and stop for pedestrians who may be crossing in the channel.

The Ward Councillor has been advised of the recommendation in this report.

CONTACT

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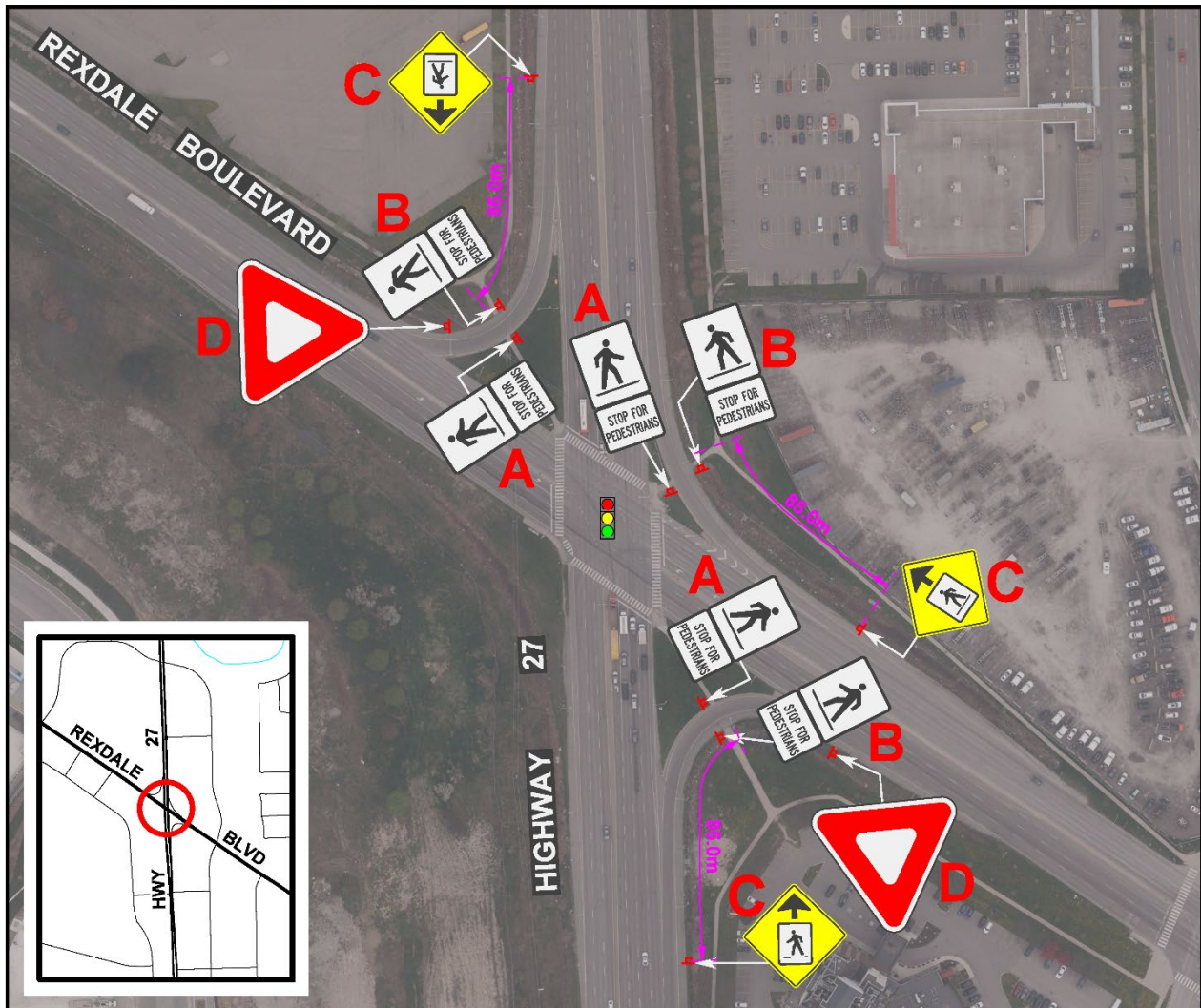
SIGNATURE

Mike Barnet, P.Eng.
Director, Enforcement and Street Management, Transportation Services

ATTACHMENTS

Attachment 1: Map - Pedestrian Crossing Protection - Highway 27 & Rexdale Boulevard

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<p>Ra-5L</p> <p>STOP FOR PEDESTRIANS</p> <p>Ra-4t</p>	<p>A ▣ PROPOSED LEFT SIDE PEDESTRIAN CROSSWALK Sign PROPOSED STOP FOR PEDESTRIANS Tab Sign</p>	<p>Wc-27R</p>	<p>C ▣ PROPOSED PEDESTRIAN CROSSWALK AHEAD Sign</p>
<p>Ra-5R</p> <p>STOP FOR PEDESTRIANS</p> <p>Ra-4t</p>	<p>B ▣ PROPOSED RIGHT SIDE PEDESTRIAN CROSSWALK Sign PROPOSED STOP FOR PEDESTRIANS Tab Sign</p>	<p>Ra-2</p>	<p>D ▣ EXISTING YIELD Sign (To Be By-Lawed)</p>

PEDESTRIAN CROSSING PROTECTION HIGHWAY #27 & REXDALE BOULEVARD



FILE NO. EY25 - 052

SCALE : N. T. S.

DRAWN BY : A. A.

DATE : MAR. 2026