

Stop Controls – Ridgecross Road at Ridgevalley Crescent

Date: January 14, 2019
To: Etobicoke York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 2 – Etobicoke Centre

SUMMARY

This staff report is about a matter that the Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to recommend installing stop controls for northbound and southbound traffic on Ridgecross Road at the north and south intersections of Ridgevalley Crescent. These intersections are currently uncontrolled and the installation of stop controls will define the right-of-way, enhancing traffic management and safety at these locations.

RECOMMENDATIONS

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

1. Etobicoke York Community Council designate Ridgevalley Crescent from the north leg of Islington Avenue to the south leg of Islington Avenue as a through highway.

FINANCIAL IMPACT

The estimated cost for the installation of the stop controls is \$1000.00. These funds are available within the Transportation Services 2019 interm Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services received a request from an area resident, to determine if traffic control measures are required at the north and south intersections of Ridgexross Road and Ridgevalley Crescent. Currently, these intersections are uncontrolled "T" type intersections. A map of the area is Attachment 1.

Ridgexross Road is a two-way roadway classified in the City of Toronto's Road Classification System as a "Local" road in the residential community south of Eglinton Avenue West and east of Islington Avenue. The north and south intersections are "T" type intersections and are currently uncontrolled and since there are no traffic control devices at these intersections, right-of-way is determined by the basic right-of-way rule. The rule, as stated in section 135, sub-sections (2) & (3) of the Highway Traffic Act, is "every driver approaching an intersection shall yield the right-of-way to any vehicle in the intersection that has entered from an intersecting highway" and "when two vehicles enter the intersection from intersecting highways at approximately the same time, the driver on the left shall yield the right-of-way to the vehicle on the right."

Our review of the Toronto Police Service collision records for the past three years for which we have complete data (January 1, 2016 to December 31, 2018) for Ridgexross Road at Ridgevalley Crescent reveals that there have been no reported collisions at the north and south intersections.

To assess traffic conditions at these intersections, observations were conducted for one hour during the morning and afternoon peak periods at the north intersection of Ridgexross Road and Ridgevalley Crescent in which all movements were recorded. Observations at the south intersection were not deemed necessary as it can be assumed that the counts would be similar.

Based on the traffic volumes entering the intersection, and the results of our observations, it is concluded that some form of traffic control is required to avoid potential conflicts and to more clearly define right-of-way.

Turning Movement Count Summary - Ridgexross Road and Ridgevalley Crescent (North Intersection)

Time	Ridgexross Road Road (northbound)	Ridgevalley Crescent Crescent (eastbound)	Ridgevalley Crescent Crescent (westbound)	Total Volume
8:00 a.m. to 9:00 a.m.	5	2	7	14
4:00 p.m. to 5:00 p.m.	1	10	11	22

Considering the sightlines from all approaches and vehicle usage of the intersections, we have determined that stop signs for northbound and southbound traffic on Ridgecross Road at Ridgevalley Crescent is the most appropriate form of traffic control.

Based on the aforementioned, staff recommends designating Ridgevalley Crescent, between the north and south legs of Islington Avenue, as a through highway. This proposed designation will allow for the implementation of stop controls on Ridgecross Road at the north and south intersections of Ridgevalley Crescent.

CONTACT

Harpal Panesar
Engineering Technologist - Etobicoke York District
Tel: 416-394-6016
Fax: 416-394-8942
E-Mail: harpal.panesar@toronto.ca
AFS27811
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SIGNATURE

Roger Browne, M.A. Sc., P. Eng.
Acting Director, Traffic Management
Transportation Services

ATTACHMENT

Attachment 1: Area Map (Ridgecross Road - Proposed Stop Controls)

Attachment 1 - Area Map (Ridgeway Road - Proposed Stop Controls)

