

Stop Control Amendment – Rumsey Road and Sharron Drive

Date: October 27, 2023

To: North York Community Council

From: Director, Project Design and Management, Transportation Services

Wards: Ward 15 – Don Valley West

SUMMARY

This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

As part of the overall state-of-good repair program and Transportation Safety Local Improvement Program (TSLIP), the Rumsey Road and Sharron Drive and Rumsey Road and McRae Drive intersections are programmed for reconstruction in 2023.

The reconstruction project includes changes to improve the intersection for all road users with a focus on vulnerable road user safety as part of the complete streets approach.

Rumsey Road and McRae Drive and Rumsey Road and Sharron Drive are all-way, stop-controlled intersections. Rumsey Road and Sharron Drive is a T-intersection and is about 35 meters away from the four-legged intersection of Rumsey Road and McRae Drive. The current configuration of the two intersections can result in confusion and concerns with stop compliance.

The purpose of this report is to seek approval from the Community Council to remove the southbound stop control at Rumsey Road and Sharron Drive, which is recommended to improve road safety and traffic operations at both intersections.

RECOMMENDATIONS

The Director, Project Design and Management, Transportation Services recommends that:

1. North York Community Council rescind the existing compulsory stop control at Rumsey Road and Sharron Drive – Rumsey Road.

FINANCIAL IMPACT

Cost for the sign and pavement marking removal can be accommodated within the existing budget for the planned road reconstruction work.

COMMENTS

In support of the City's Vision Zero Road Safety Plan to improve conditions for pedestrians and reduce their exposure to vehicles, Transportation Services investigated the feasibility of removing the right-turn channels at the intersections of Rumsey Road and McRae Drive and intersection normalization to reduce the existing skewed angles and large curb radii at Rumsey Road and Sharron Drive.

Removal of the right-turn channels would eliminate the free-flow movement of vehicles traveling through the channels. This would improve safety for pedestrians, especially for pedestrians with low or no vision, as they would no longer have to navigate across uncontrolled pedestrian crossings. Intersection normalization will reduce pedestrian crossing distance and improve driver sightlines.

Existing Conditions

For the purpose of this report, the direction of travel on McRae Drive will be referred to as being in the eastbound and westbound directions at the intersection of Rumsey Road and McRae Drive; and Rumsey Road will be referred to as being in the northbound and southbound directions at the intersections of Rumsey Road and Sharron Drive and Rumsey Road and McRae Drive. At the intersection of Sharron Drive and Rumsey Road, the direction of travel on Sharron Drive will be referred to as being in the eastbound and westbound directions.

Rumsey Road at Sharron Drive and McRae Drive is characterized by the following conditions:

- Rumsey Road is a local road and has a two-lane cross-section;
- It operates with two-way traffic on a pavement width of approximately 8.5 meters;
- The speed limit is 30 km/h; and,
- Sidewalks are provided on both sides of the street.

Sharron Drive at Rumsey Road is characterized by the following conditions:

- Sharron Drive is a local road and has a two-lane cross-section;
- It operates with two-way traffic on a pavement width of approximately 8.5 meters;
- The speed limit is 30 km/h; and,
- Sidewalk is provided on the south side of the street.

McRae Drive at Rumsey Road is characterized by the following conditions:

- McRae Drive is a collector road and has a two-lane cross-section;
- It operates with two-way traffic on a pavement width of approximately 8.5 meters;
- The speed limit is 30 km/h;
- TTC bus service is provided on McRae Drive through the 88 South Leaside route; and,
- Sidewalks are provided on both sides of the street.

Analysis

Rumsey Road and McRae Drive

The intersection of Rumsey Road and McRae Drive has a right-turn channel at the southwest corner and another right-turn channel at the northeast corner. There is a nearside bus stop at the northeast corner and a farside bus stop at the southeast corner.

The planned reconstruction work at Rumsey Road and McRae Drive includes the removal of the right-turn channels, curb extensions, and curb radii reductions to be delivered in 2023.

Rumsey Road and Sharron Drive

Sharron Drive intersects with Rumsey Road at a skewed angle. The intersection has large curb radii that allow vehicles to make very wide turns at a high speed.

The planned reconstruction work at Rumsey Road and Sharron Drive includes the normalization of the intersection to reduce the existing skewed angles, curb extension implementation, and curb radii reduction to be delivered in 2023.

In addition, zebra crosswalk markings will be added at both intersections, and pedestrian ramps will be brought up to current standards and in compliance with the Accessibility for Ontarians with Disabilities Act (AODA) requirements.

Attachment 1 provides a layout of the planned improvements at both intersections.

Rumsey Road and McRae Drive and Rumsey Road and Sharron Drive are all-way, stop-controlled intersections. Rumsey Road and Sharron Drive is a T-intersection and is about 35 meters away from the four-legged intersection of Rumsey Road and McRae Drive.

The current configuration of the two intersections can result in confusion and concerns with stop compliance. To improve operations and compliance, it is recommended that the southbound stop control on Rumsey Road at Sharron Drive be removed.

The work would be completed in 2023 in conjunction with road resurfacing on Rumsey Road from Sharron Drive to Heath Road and McRae Drive from Crandall Road to Sutherland Drive.

The Ward Councillor has been informed of the recommendation of this report.

CONTACT

Mateen Mahboubi
Acting Manager, Vision Zero Projects
Project Design & Management, Transportation Services
416-392-3130
Mateen.Mahboubi@toronto.ca

SIGNATURE

Jacquelyn Hayward
Director, Project Design & Management
Transportation Services

ATTACHMENTS

Attachment 1: Map - Removal of Stop Control on Rumsey Road at Sharron Drive

Attachment 1: Map - Removal of Stop Control on Rumsey Road at Sharron Drive

