

Compulsory Stop Control - Various Intersections on McLean Avenue and Silver Birch Avenue

Date: June 13, 2022

To: Toronto East York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 19, Beaches-East York

SUMMARY

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

Transportation Services is requesting approval to install a compulsory stop control at four, currently uncontrolled, "T" type intersections on McLean Avenue and on Silver Birch Avenue. Based on an assessment undertaken, the installation of compulsory stop control is recommended to clearly define the right-of-way and enhance safety for all road users.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Toronto and East York Community Council authorize a compulsory stop control for eastbound traffic on Crown Park Road at McLean Avenue.
2. Toronto and East York Community Council authorize a compulsory stop control for eastbound traffic on Duart Park Road at McLean Avenue.
3. Toronto and East York Community Council authorize a compulsory stop control for westbound traffic on Balmy Avenue at Silver Birch Avenue.
4. Toronto and East York Community Council authorize a compulsory stop control for westbound traffic on Glenfern Avenue at Silver Birch Avenue.

FINANCIAL IMPACT

The estimated cost of installing the required signs is approximately \$1,400.00. Funding is available in the Transportation Services 2022 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services has reviewed the feasibility of introducing compulsory stop controls at the following intersections:

- Crown Park Road at McLean Avenue
- Duart Park Road at McLean Avenue
- Balmy Avenue at Silver Birch Avenue
- Glenfern Avenue at Silver Birch Avenue

Existing Conditions

The above noted intersections are characterized by the following conditions:

- Streets are classified as local roads with posted speed limits of 30 km/h
- They operate two-way traffic on a pavement width of approximately 7.3 metres on McLean Avenue, Silver Birch Avenue, Balmy Avenue and 8.6 metres on Crown Park Road, Duart Park Road and Glenfern Avenue
- All intersections are uncontrolled T-type intersections
- Heavy trucks are prohibited at all times
- There is no Toronto Transit Commission (TTC) service provided
- Sidewalks are located on both sides of the streets

The surrounding land use consists of single family residential homes.

As there is no stop control at the subject intersections, right-of-way is determined as defined in the Ontario Highway Traffic Act, which stipulates that priority is "given to vehicles already within the intersection or, in the event two or more vehicles are approaching the intersection at approximately the same time, the Act requires the driver on the left to yield to the vehicle on the right."

As per Provincial guidelines, stop sign control may be warranted when three or more right angle or turning collisions per year have occurred over a period of three years, and other methods of reducing the collision experience have been considered and found to be inadequate. A review of the Toronto Police Service collision data for a three-year period ending May 1, 2022, disclosed that no collisions have been reported at these intersections. Accordingly, stop sign control is not warranted

Notwithstanding, the Provincial guidelines state that "the use of stop signs should be considered at intersections where the application of the normal right hand rule or yield control would be unduly hazardous". Based on the current operational environment, the installation of stop signs at subject intersections on McLean Avenue and on Silver Birch Avenue is recommended to resolve any potential right-of-way confusion that may occur.

The installation of stop signs at the noted intersections will provide stop sign uniformity on the streets in this area, clearly define the right-of-way and enhance safety for all road users.

A map of the area is included in Attachment 1.

The Ward Councillor has been advised of the recommendations of this staff report.

CONTACT

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SIGNATURE

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

ATTACHMENTS

Attachment 1: Map - Compulsory Stop Control - Various Locations

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