

Compulsory Stop Control - Costain Avenue and Kildonan Road

Date: May 9, 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 recommends stop control for the minor street at the uncontrolled "T" type intersection of Costain Avenue at Kildonan Road in order to clearly define the right-of-way and to regulate traffic flow.

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 Costain Avenue at Kildonan Road.

FINANCIAL IMPACT

The estimated costs associated with the proposed installation is \$500.00. Funding is available within the Transportation Services 2022 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of the Ward Councillor, on behalf of local residents, Transportation Services investigated the feasibility of installing a compulsory stop control at the intersection of Costain Avenue at Kildonan Road.

Existing Conditions

The intersection of Costain Avenue at Kildonan Road is characterized by the following conditions:

- Streets are classified as local roads with speed limits of 30 km/h
- Both streets operate two-way traffic on pavement width of approximately 8.5 on Costain Avenue and 7.3 metres on Kildonan Road
- It is a "T" type intersection
- There are no traffic control devices assigning the right-of-way
- Heavy trucks are prohibited at all times
- There is no Toronto Transit Commission (TTC) service provided
- There are sidewalks 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 intersection, 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 March 1, 2022 disclosed that no collisions have been reported at this intersection. 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 a westbound stop sign on Costain Avenue is recommended to resolve any potential right-of-way confusion that may occur.

The installation of a stop sign 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 recommendation 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 - Costain Avenue at Kildonan Road

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