All-Way Stop Control - Seymour Avenue and Shudell Avenue

Date: May 12, 2017
To: Toronto and East York Community Council
From: Acting Director, Transportation Services, Toronto and East York District
Wards: Ward 30, Toronto-Danforth

SUMMARY

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

Transportation Services staff have reviewed the need for an all-way stop control at the intersection of Seymour Avenue and Shudell Avenue to address residents' concerns regarding safety. Our assessment indicates that the criteria as set out in the all-way stop warrant has not been satisfied at this intersection. Therefore, an all-way stop control should not be installed at the intersection of Seymour Avenue and Shudell Avenue.

RECOMMENDATIONS

The Acting Director, Transportation Services, Toronto and East York District, recommends that:

1. Toronto and East York Community Council deny the installation of an all-way stop control at the intersection of Seymour Avenue and Shudell Avenue.

FINANCIAL IMPACT

There is no financial impact resulting from the adoption of the recommendations in this report.
At its meeting on April 5, 2016, Toronto and East York Community Council adopted item TE15.71, requesting Transportation Services, Toronto and East York District to review and report back to Toronto and East York Community Council regarding the installation of all-way compulsory stop control at the intersection of Seymour Avenue and Shudell Avenue. The Council decision can be found at:

http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.TE15.71

**Existing Conditions**

Seymour Avenue is classified as a local roadway which operates two-way north-south and has a posted speed limit of 30 km/h. The pavement width is approximately 7.30 metres and sidewalks are provided on both sides. Shudell Avenue is classified as a local roadway which operates two-way east-west and has a posted speed limit of 30 km/h. The pavement width is approximately 7.30 metres and sidewalks are provided on both sides.

Seymour Avenue and Shudell Avenue meet at a four-legged intersection. Currently, northbound and southbound traffic on Seymour Avenue is free-flow, and eastbound and westbound traffic on Shudell Avenue is stop controlled. There is no TTC service provided at this intersection.

**Analysis**

In order for an all-way stop control to be justified at an intersection, established warrant criteria must be satisfied. The criteria, as adopted by City Council, include such factors as collision history, total vehicle volume, combined vehicle and pedestrian volumes crossing the major road and the percentage of traffic on the major road.

Transportation Services evaluated the intersection of Seymour Avenue and Shudell Avenue and applied the results of the vehicle/pedestrian study, and collision records of the Toronto Police Service to the all-way stop control criteria. Based on the review, this intersection does not meet the minimum criteria required for an all-way stop control.

A review of the Toronto Police Service collision records over a three-year period ending June 30, 2016, revealed that two reported collision occurred at the intersection of Seymour Avenue and Shudell Avenue. Neither collision was of a type susceptible to correction by the installation of an all-way stop control.

The results of the all-way stop control warrant study at the intersection of Seymour Avenue and Shudell Avenue has been summarized in the following table:
Based on the above review, the technical warrants for the installation of all-way stop control at the intersection of Seymour Avenue and Shudell Avenue are not satisfied and the requested installation of an all-way stop control at this intersection is not recommended.

In addition, Transportation Services conducted an observation study on December 7, 2016 during the AM Peak Period (7:30 a.m. to 9:30 a.m.) and PM Peak Period (4:00 p.m. to 6:00 p.m.) and noted no pedestrian/vehicular conflicts. The existing stop controls were clearly visible and in good repair.

Councillor Paula Fletcher has been advised of the recommendations of this staff report.

CONTACT

Ann S. Khan, P. Eng.
Manager, Traffic Operations
Toronto and East York District
Transportation Services
Telephone: (416) 397-5021
Fax: (416) 392-1920
E-mail: Ann.Khan@toronto.ca

SIGNATURE

Dave Twaddle, C.E.T.
Acting Director, Transportation Services
Toronto and East York District

ATTACHMENTS

1. Drawing No 421G-2517, dated May 2017
SEYMOUR AVE AND SHUDELL AVE:
EXISTING STOP CONTROLS

LEGEND:
❖ EXISTING STOP SIGN

NOTE:
INFORMATION ON THIS PLAN IS BASED ON OFFICE RECORDS AND IS SUBJECT TO FIELD VERIFICATION.

TJ.A.
DWG. NO. 421G-2517    MAY, 2017
TRANSPORTATION SERVICES
TORONTO & EAST YORK DISTRICT

All-Way Stop Control - Seymour Avenue and Shudell Avenue
Page 4 of 4