



**STAFF REPORT
ACTION REQUIRED**

All-Way Stop Sign Control – Seaforth Avenue and West Lodge Avenue

Date:	May 23, 2012
To:	Toronto and East York Community Council
From:	Acting Director, Transportation Services Toronto and East York District
Wards:	Parkdale-High Park, Ward 14
Reference Number:	Ts2012127te.top.doc

SUMMARY

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

Transportation Services staff have reviewed the need for "All-Way Stop Sign Control" at the intersection of Seaforth Avenue and West Lodge Avenue to address residents' concerns with vehicular and pedestrian safety. Our assessment indicates the criteria as set out in the "All-Way Stop Sign Control" warrant has not been satisfied. Therefore, "All-Way Stop Sign Control" should not be installed at the intersection of Seaforth Avenue and West Lodge Avenue.

RECOMMENDATIONS

Transportation Services recommends that Toronto and East York Community Council:

1. Not approve all-way stop signs on Seaforth Avenue at West Lodge Avenue.

Financial Impact

Adoption of the above recommendation will not result in any financial impacts.

However, should Toronto and East York Community Council decide that the intersection of Seaforth Avenue and West Lodge Avenue would benefit from the installation of an eastbound stop sign, funds to undertake the necessary signage adjustments in the estimated amount of \$200.00 are contained in the Transportation Services Division 2012 Operating Budget.

ISSUE BACKGROUND

At the request of area residents and in consultation with Ward Councillor Gord Perks, Transportation Services staff reviewed the intersection of Seaforth Avenue and West Lodge Avenue to determine whether the installation of all-way stop signs would address residents' concerns about pedestrian and vehicular traffic at this intersection, specifically, school children crossing in this vicinity.

COMMENTS

Seaforth Avenue and West Lodge Avenue form a "T-type" intersection, with "Stop" control for southbound vehicular traffic on West Lodge Avenue.

Seaforth Avenue is classified as a local road, operating two-way in an east/west direction, between Lansdowne Avenue and West Lodge Avenue, reverting into a one-way eastbound direction to O'Hara Avenue. The street carries approximately 2,500 vehicles daily, with a pavement width of 6.2 metres and a maximum speed limit of 40 km/h. Sidewalks are provided on both sides of the street.

West Lodge Avenue is classified as a local road, operating two-way in a north/south direction, with a pavement width of 7.3 metres and a maximum speed limit of 40 km/h. The street carries approximately 400 vehicles daily, sidewalks are provided on both sides of the street.

Parkdale Junior/Senior Public School fronts Seaforth Avenue, between Lansdowne Avenue and West Lodge Avenue. This school has an enrolment of students ranging from junior kindergarten to Grade 8.

There is no TTC service on either Seaforth Avenue or West Lodge Avenue.

Analysis

A review of the Toronto Police Service collision data records for a 3-year period ending December 31, 2011, revealed no vehicle collisions that may have been preventable by an all-way stop control. Also, there were no reported collisions involving a pedestrian or cyclists for this period of time.

In order for all-way stop control to be justified at an intersection, the location must satisfy a warrant criteria adopted by City Council in April 2001. These criteria closely mirror the installation guidelines established by the Province of Ontario and include such factors as collisions preventable by "Stop" sign control, vehicular and pedestrian usage of the intersection, function of the intersecting roads, and volume split between two roadways.

Transportation Services evaluated this location and applied the results of the vehicle and pedestrian study and the updated collision records of the Toronto Police Service to the all-way stop sign installation criteria.

The results are shown in the following table:

Present Condition	Total Vehs. All Approaches (Require 250, Each of 4 Hrs.)	Vehs. & Peds. Crossing Through Street (Require 100, Each of 4 Hrs.)	Volume Split 70% /30%	Collision Hazard	All-way "Stop" Warrants Satisfied (Yes/No)
Southbound "Stop" sign on West Lodge Ave.	101	64	55%/45%	0	No

Based on our assessment of the current traffic conditions and study results the intersection does not satisfy the technical warrants, as adopted by City Council, for the installation of an all-way "Stop" control at Seaforth Avenue and West Lodge Avenue.

If Toronto and East York Community Council decides that the intersection of Seaforth Avenue and West Lodge Avenue would benefit from the installation of all-way "Stop" control, it will be necessary for Community Council to adopt the following alternate recommendations:

1. Approve the installation of all-way "Stop" control on Seaforth Avenue at the intersection of Seaforth Avenue and West Lodge Avenue.

CONTACT

Stephen C. Brown, Traffic Engineer/Planner
 Toronto and East York District
 Tel: (416)392-5202
 Fax: (416)392-1920
 e-mail: sbrown1@toronto.ca

SIGNATURE

Jacqueline White, P.Eng.
 Acting Director, Transportation Services
 Toronto and East York District

LIST OF ATTACHMENTS

- (1) Drawing No. 421G-0706, dated May 2012

P:\2012\Cluster B\TRA\Toronto and East York District\TOP\ts2012127te.top.doc – cag