



**STAFF REPORT
ACTION REQUIRED**

All-Way Stop Sign Control – Bater Avenue and Burley Avenue

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| Date: | May 15, 2012 |
| To: | Toronto and East York Community Council |
| From: | Acting Director, Transportation Services Toronto and East York District |
| Wards: | Toronto-Danforth, Ward 29 |
| Reference Number: | Ts2012118te.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 Bater Avenue and Burley 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 Bater Avenue and Burley Avenue.

RECOMMENDATIONS

Transportation Services recommends that Toronto and East York Community Council:

1. Not approve eastbound and westbound stop signs on Bater Avenue at Burley 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 Bater Avenue and Burley Avenue would benefit from the installation of eastbound and westbound stop signs, funds to undertake the necessary signage adjustments in the estimated amount of \$500.00 are contained in the Transportation Services Division 2012 Operating Budget.

ISSUE BACKGROUND

At the request of area residents and in consultation with Ward Councillor Mary Fragedakis, Transportation Services staff reviewed the intersection of Bater Avenue and Burley Avenue to determine whether the installation of all-way stop signs would address pedestrian and vehicular safety concerns at this intersection specifically, school children crossing in this vicinity.

COMMENTS

Bater Avenue at Burley Avenue operates two-way, eastbound and westbound, with a pavement width of 8.5 metres and a maximum speed limit of 50 km/h. Burley Avenue operates two-way, northbound and southbound, with a pavement width of 7.3 metres and a maximum speed limit of 40 km/h. Stop signs are posted on Burley Avenue at Bater Avenue for northbound and southbound traffic. These signs are clearly visible and in good repair. In addition, there are yellow "Caution" signs posted on Bater Avenue at Burley Avenue. Westwood and Chester Schools are also located in this vicinity. There is no TTC service on either Bater Avenue or Burley Avenue.

Analysis

A review of the Toronto Police Services' collision data records for the period from January 1, 2009 to December 31, 2011, revealed one collision reported at this intersection in which a motorist disobeyed the stop sign control.

In order for 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 right-of-way conflicts, collision history, vehicular and pedestrian usage of the intersection.

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:

| Intersection | Present Condition | Minimum Total Vehicle Volume (Each of 4 Peak Hrs) | Combined Crossing Volume (Vehs. & Peds.) | Volume Split (= 70% /30%) | Collision Hazard ($\geq 2/\text{yr.}$) | All-way "Stop" Warrants Satisfied (Yes/No) |
|-------------------------------|--|---|---|---------------------------|--|--|
| Bater Avenue at Burley Avenue | "Stop" signs northbound /southbound on Burley Avenue | Required 250 Vehs/hr Actual 40 Vehs/hr | Required 100 Units/hr Actual 34 Units/hr | 48% / 52% | 0.3 | No |

The low number of vehicles and pedestrians entering this intersection does not satisfy the technical warrants, as adopted by City Council, for the installation of all-way stop signs at Bater Avenue and Burley Avenue.

If Toronto and East York Community Council decides that the intersection of Bater Avenue and Burley 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 at the intersection of Bater Avenue and Burley Avenue.

CONTACT

Roman Oleksij, Supervisor, Traffic Engineering
Toronto and East York District
Tel:(416)392-1806
Fax:(416)392-1920
e-mail: roleksij@toronto.ca

SIGNATURE

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

LIST OF ATTACHMENTS

- (1) Drawing No. 421G-0704, dated May, 2012

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