



**STAFF REPORT
ACTION REQUIRED**

Traffic Calming Measures: Brahms Avenue, Artisan Place / Gideon Court to McNicol Avenue

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|--------------------------|---|
| Date: | August 14, 2008 |
| To: | North York Community Council |
| From: | Director, Transportation Services Division, North York District |
| Wards: | Ward 24 - Willowdale |
| Reference Number: | p:\2008\ClusterB\TRA\NorthYork\ny08093 |

SUMMARY

This staff report is about a matter that the 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.

The purpose of this staff report is to obtain approval to request the City Clerk to poll the residents of Brahms Avenue, from Artisan Place/Gideon Court to McNicol Avenue regarding the installation of traffic calming measures (speed humps as per attached plan NY- TC1230B.DGN), in order to determine the feasibility of installing traffic calming measures (speed humps) on Brahms Avenue, from Artisan Place/Gideon Court to McNicol Avenue.

The installation of traffic calming measures would result in reduction in vehicle speeds along the subject section of Brahms Avenue.

RECOMMENDATIONS

Transportation Services Division, North York District recommends that:

1. the City Clerk be directed to undertake a poll of the residents of Brahms Avenue, from McNicol Avenue to Tristan Crescent regarding the installation of traffic calming measures (speed humps) as per plan NY-TC1230B.DGN to determine resident support, in accordance with the City of Toronto Traffic Calming Policy;
2. subject to a favourable poll;
 - a. a road alteration by-law be prepared for Brahms Avenue, from Artisan Place/Gideon Court to McNicol Avenue for traffic calming purposes generally as shown on the speed hump plan circulated to the residents; and
 - b. the speed limit be reduced from 40 km/h to 30 km/h on Brahms Avenue, from Artisan Place/Gideon Court to McNicol Avenue, coincident with the implementation of the speed humps

FINANCIAL IMPACT

All costs associated with the installation of traffic calming measures (speed humps) are included within the Transportation Services Division's 2008 Capital Budget for the installation of traffic calming measures in the City of Toronto. The installation of speed humps are subject to competing priorities and budget availability.

ISSUE BACKGROUND

Transportation Services Division, North York District reviewed a request from Councillor David Shiner, on behalf of the residents to review the feasibility of installing traffic calming measures (speed humps) on Brahms Avenue, from Artisan Place/Gideon Court to McNicol Avenue.

COMMENTS

Brahms Avenue is a two-lane local road with a posted speed limit of 40 km/h. Municipal sidewalks exist on both east and west sides of the roadway. Parking is prohibited on both sides to ensure that two-way traffic flow is unrestricted. The intersection of McNicol Avenue and Brahms Avenue is controlled by an all-way stop and the intersections of Brahms Avenue with Cresthaven Drive, Tristan Crescent and Artisan Place/Gideon Court are controlled by single stop sign controls.

In order to identify existing traffic conditions, 24-hour vehicle speed and volume studies were undertaken. The results of the studies are detailed in the following table:

| Brahms Ave McNicol Ave to Tristan Crescent | Dir | Speed Limit (km/h) | Vehicle Speed | | Vehicle Volume |
|--|-----|--------------------------|--------------------------------|---------|----------------|
| | | | 85 th Percentile | Average | 24 hr |
| 91 Brahms Avenue | NB | 40 | 54 | 46 | 1092 |
| | SB | | 50 | 42 | 1215 |

In reviewing the traffic data collected as part of this investigation, the “Technical Requirement” warrant of the Traffic Calming Policy was satisfied. Specifically, the Traffic Calming Policy for the City of Toronto requires that on local roads where traffic calming is being considered, the daily traffic volumes must be greater than 1000 vehicles and operating speeds must be at least 10 km/h over the speed limit.

Accordingly, in accordance with the City of Toronto Traffic Calming Policy, a formal poll must be conducted of householders directly abutting or flanking the street. The policy stipulates that a minimum response of 50% plus one of affected households respond, and that 60% of valid responses support the proposal in order to implement the traffic calming plan.

It should be noted that the installation of speed humps will generally result in a slower operating speed for all vehicles, including emergency service vehicles, and could increase response times in the event of an emergency. As such, as prescribed by the Traffic Calming Policy, staff will be requesting comments from emergency services specific to this location.

Councillor David Shiner has been advised of the recommendations of the staff report.

CONTACT

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SIGNATURE

Myles Currie, B.A.
 Director

ATTACHMENTS

- Attachment 1: Location Map – Brahms Av, Artisan Pl/Gideon Crt to McNicol Av
(TC1230A.DGN) *(ny08093_map1)*
- Attachment 2: Traffic Calming Plan (TC1230B.DGN) *(ny08093_map2)*
- Attachment 3: Traffic Calming Warrant Sheet – Brahms Av, Artisan Pl/Gideon Crt to
McNicol Av *(ny08093_warrant)*