# Appendix A

## Table 1: Traffic Calming Warrant Criteria

Barrington Avenue, between Balfour Avenue and Doncaster Avenue

<table>
<thead>
<tr>
<th>Warrant</th>
<th>Criterion</th>
<th>Requirement</th>
<th>Met/Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Warrant 1</strong></td>
<td>Petition</td>
<td>A petition requesting traffic calming must be signed by at least 25% of households on the street. <strong>OR</strong> A direct request for the Ward Councillor. <strong>Warrants #2 and #3 will not be considered until Warrant #1 is satisfied.</strong></td>
<td>Met – Direct request for Ward Councillor and petition (November, 2011)</td>
</tr>
<tr>
<td>Impacts to Adjacent Streets</td>
<td></td>
<td>No significant traffic impacts on adjacent streets</td>
<td>Met – there should be minimal traffic spillover to adjacent streets, which should have minimal operational impacts.</td>
</tr>
<tr>
<td><strong>Warrant 2</strong></td>
<td>2.1 sidewalks</td>
<td>Continuous sidewalks on at least one side of the street (both sides for collector streets or higher classification). <strong>OR</strong> Where there are no sidewalks, the installation of sidewalk on at least one side of the street must have first been considered</td>
<td>Met – continuous sidewalk on both sides of Barrington Avenue.</td>
</tr>
<tr>
<td>Safety Requirements</td>
<td>2.2 Road Grade</td>
<td>Road grade 5% or less <strong>OR</strong> Between 5% and 8% road grade may be considered. Investigation must determine installation to be safe.</td>
<td>Met – Road grade of Barrington Avenue is less than 5%</td>
</tr>
<tr>
<td>(all three criteria must be fulfilled to satisfy this Warrant)</td>
<td>2.3 Emergency Response</td>
<td>No significant Impacts on Emergency Services (as determined in consultation with Emergency Services (Fire, Ambulance and Police) staff.</td>
<td>TBD – No comments solicited from EMS at this time.</td>
</tr>
<tr>
<td><strong>Warrant 3</strong></td>
<td>3.1 Minimum Speed</td>
<td>85th %ile speed is a minimum of 10 km/h (but less than 15 km/h) over the warranted speed limit, and the traffic volume requirements of Warrant 3.2 must be fulfilled. <strong>OR</strong> On streets where the 85th %ile speed exceeds the warranted speed limit by a minimum of 15 km/h, there is no minimum volume required in warrant 3.2.</td>
<td><strong>NOT MET</strong> – Speed studies show 85th %ile as 45 km/h (November, 2011)</td>
</tr>
<tr>
<td>Technical Requirements</td>
<td>3.2 Min. and Max. traffic Volume</td>
<td>Local Roads Traffic volume between 1,000 Veh/day and 8,000 Veh/day Collector Roads Traffic volume between 2,500 Veh/day and 8,000 Veh/day</td>
<td>Met – Local Road with less than 1000 veh/day (1200 veh/day June, 2012)</td>
</tr>
<tr>
<td>(all four criteria must be fulfilled to satisfy this warrant)</td>
<td>3.3 Minimum Street Segment Length between stop controls</td>
<td>Street segment length must exceed 120 meters between stop controls (signals or stop signs)</td>
<td>Met – Street segment is more than 120 metres between stop controls</td>
</tr>
<tr>
<td></td>
<td>3.4 Transit Service</td>
<td>Impacts on regularly scheduled Toronto Transit Commission (TTC) services will not be significant (as determined in consultation with TTC staff)</td>
<td>Met – No TTC service</td>
</tr>
</tbody>
</table>
October 25, 2012

Mr. Peter Ip
Traffic Technologist
Toronto & East York District
17th floor, Metro Hall
Toronto, Ontario M5V 3C6

Re: Traffic Calming Measures – Barrington Avenue, between Balfour Avenue and Doncaster Avenue – Evaluation for the installation of speed humps.

Dear Mr. Ip,

I have received and reviewed the proposal for installation of speed humps for Barrington Avenue, between Balfour Avenue and Doncaster Avenue. I have the following comments:

Toronto Emergency Medical Services (EMS) is supportive of community initiatives that improve the safety of all citizens, and visitors to, the City of Toronto. Traffic and pedestrian safety are key components of a healthy neighborhood and we endeavor to support the wishes of the community to implement measures to improve upon these components. We look to the City’s Traffic Calming Policy and its Warrant Criteria for guidance in our assessments and recommendations.

As documented in the Traffic Calming Policy, Toronto EMS has concerns regarding the usage of traffic calming measures, especially vertical obstacle measures such as speed humps, as there are negative effects on emergency call response times, travel times to hospital and on patient comfort during transport. This delay is cumulative with each obstacle and can directly impact upon patient outcome.

It is noted that this proposal does not meet the Warrant Criteria as set out in the Policy and as such, Toronto EMS is opposed to the installation of speed humps on Barrington Avenue, between Balfour Avenue and Doncaster Avenue. It is important that the applicant(s) fully understand the potential for delay in emergency response and that alternatives to vertical measures be considered and evaluated.

Yours truly,

Shamez Kassam
Superintendent, EMS Planning
Toronto EMS

Copy: G:\ems\Planning\Documents\planning group\Projects\Traffic Calming Request\Barrington Ave
November 2, 2012

Mr. Peter Ip
Traffic Technologist
17th Floor, Metro Hall
Toronto, Ontario
M5V 3C6

Dear Mr. Ip:

Re: Traffic Calming Measures – Barrington Avenue, between Balfour Avenue and Doncaster Avenue

Sergeant Jack West of 54 Division, Traffic Unit has reviewed the proposal regarding traffic calming devices for the above noted location.

Barrington Avenue, between Balfour Avenue and Doncaster Avenue, is a posted 40 km/h speed zone. Both sides of this street are occupied by single family dwellings. There are sidewalks on both sides of Barrington Avenue able to accommodate the pedestrian traffic specific to this area.

Parking is available only on the west side of the street within this area, leaving an unobstructed site line.

Toronto Police would be opposed to the installation of traffic calming measures such as speed bumps. Speed bumps will not only cause pollution, they with slow the time response by an emergency vehicle responding to an emergency call.

Yours trulv.

Peter Yuen
Staff Inspector
No. 54 Division

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