

# Appendix A

**Table 1: Traffic Calming Warrant Criteria**

Withrow Avenue, between Carlaw Avenue and Pape Avenue

Warrant	Criterion	Requirement		Met/Not Met
<b>Warrant 1</b> Petition	1.1 Petition	A petition requesting traffic calming must be signed by at least 25% of households on the street. <b>OR</b> A direct request for the Ward Councillor.  <b>Warrants #2 and #3 will not be considered until Warrant #1 is satisfied.</b>		Met – petition received
Impacts to Adjacent Streets		No significant traffic impacts on adjacent streets		Met –there should be minimal traffic spillover to adjacent streets, which should have minimal operational impacts.
<b>Warrant 2</b> Safety Requirements  (all three criteria must be fulfilled to satisfy this Warrant)	2.1 sidewalks	Continuous sidewalks on at least one side of the street (both sides for collector streets or higher classification). <b>OR</b> Where there are no sidewalks, the installation of sidewalk on at least one side of the street must have first been considered		Met – continuous sidewalk on both sides of Withrow Avenue
	2.2 Road Grade	Road grade 5% or less <b>OR</b> Between 5% and 8% road grade may be considered. Investigation must determine installation to be safe.		Met – Road grade of Withrow Avenue is less than 5%
	2.3 Emergency Response	No significant Impacts on Emergency Services (as determined in consultation with Emergency Services (Fire, Ambulance and Police) staff.		Letter received from Fire Services - see Appendix B. Comments not yet received from EMS and Toronto Police
<b>Warrant 3</b> Technical Requirements  (all four criteria must be fulfilled to satisfy this warrant)	3.1 Minimum Speed	85 <sup>th</sup> %ile speed is a minimum of 10 km/h (but less than 15 km/h) over the warranted 40 km/h speed limit, and the traffic volume requirements of Warrant 3.2 must be fulfilled. <b>OR</b> On streets where the 85 <sup>th</sup> %ile speed exceeds the warranted speed limit by a minimum of 15 km/h, there is no minimum volume required in warrant 3.2.		<b>NOT MET</b> – Speed studies show 85 <sup>th</sup> %ile as 33 km/h (Sept. 2013)
	3.2 Min. and Max. traffic Volume	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	<b>NOT MET</b> – Local Road with 929 veh./day (Sept. 2013)
	3.3 Minimum Street Segment Length between stop controls	Street segment length must exceed 120 meters between stop controls (signals or stop signs)		Met – Street segment is more than 120 metres between stop controls
	3.4 Transit Service	Impacts on regularly scheduled Toronto Transit Commission (TTC) services will not be significant (as determined in consultation with TTC staff)		Met – No TTC service