

**Table 1: Traffic Calming Warrant Criteria**

Duplex Avenue, between Anderson Avenue and Duplex Crescent

| <b>Warrant</b>  | <b>Criterion</b>   | <b>Requirement</b>  | <b>Met/Not Met</b>  |
|---|--|---|---|
| <b>Warrant 1</b><br><br>Petition  | 1.1<br>Petition  | A petition requesting traffic calming must be signed by at least 25% of households on the street.<br><br><b>OR</b><br><br>A direct request for the Ward Councillor.<br><br><b>Warrants #2 and #3 will not be considered until Warrant #1 is satisfied.</b>  | <b>Met</b> – Request and petition received from Ward Councillor's office  |
| Impacts to Adjacent Streets   |  | No significant traffic impacts on adjacent streets  | <b>Met</b> –there should be no traffic spill-over to adjacent streets   |
| <b>Warrant 2</b><br><br>Safety Requirements<br><br>(all three criteria must be fulfilled to satisfy this Warrant)   | 2.1<br>sidewalks   | Continuous sidewalks on at least one side of the street (both sides for collector streets or higher classification).<br><br><b>OR</b><br><br>Where there are no sidewalks, the installation of sidewalk on at least one side of the street must have first been considered  | <b>Met</b> – sidewalk on both sides of Duplex Avenue  |
|   | 2.2<br>Road Grade  | Road grade 5% or less<br><br><b>OR</b><br><br>Between 5% and 8% road grade may be considered. Investigation must determine installation to be safe.   | <b>Met</b> – Road grade on Duplex Avenue is less than 5%  |
|   | 2.3<br>Emergency Response                                  | No significant Impacts on Emergency Services (as determined in consultation with Emergency Services (Fire, Ambulance and Police) staff.   | To Be Determined  |
| <b>Warrant 3</b><br><br>Technical Requirements<br><br>(all four criteria must be fulfilled to satisfy this warrant) | 3.1<br>Minimum Speed                                       | 85 <sup>th</sup> %ile speed is a minimum of 10 km/h (but less than 15 km/h) over a warranted 40 km/h speed limit, and the traffic volume requirements of Warrant 3.2 must be fulfilled.<br><br><b>OR</b><br><br>On streets where the 85 <sup>th</sup> %ile speed exceeds a warranted 40 km/h 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> percentile as 38 km/h on Duplex Avenue, btw Anderson Avenue and Duplex Crescent. |
|   | 3.2<br>Min. and Max. traffic Volume                        | Local Roads<br>Traffic volume between 1,000 Veh/day and 8,000 Veh/day   | <b>Not Met</b> – Duplex Avenue has approx. 10,250 vehicles total daily volume   |
|   | 3.3<br>Minimum Street Segment Length between stop controls | Collector Roads<br>Traffic volume between 2,500 Veh/day and 8,000 Veh/day   |   |
|   | 3.4<br>Transit Service                                     | Street segment length must exceed 120 meters between stop controls (signals or stop signs)  | <b>Met</b> – the street segment on Duplex Avenue, btw Anderson Avenue and Duplex Crescent. is greater than 120 metres                 |
|   |  | Impacts on regularly scheduled Toronto Transit Commission (TTC) services will not be significant (as determined in consultation with TTC staff)   | <b>Met</b> – No TTC service   |