

To: Councillor Justin Di Ciano, Ward 5, Etobicoke-Lakeshore

From: Bruce Clayton, Manager, Traffic Operations-Etobicoke York District

Date: July 26, 2017

Subject: **Service Request # 7901758 – Government Road**

- **Request for Traffic Calming**

This memorandum is in response to the request from your office, on behalf of area residents, to review concerns regarding vehicular speeds on Government Road between Kingsway Crescent and Prince Edward Drive North and to determine if traffic calming measures is warranted or feasible. We have now completed our studies and offer the following comments.

Context/History

Government Road is a two-lane 8.5 metres wide road classified in the City's Road Classification System has a "Local Road". This section of the street is located in a residential community south of Dundas Street West and east of Prince Edward Drive North. The roadway has an urban cross-section which includes curb and gutter. There are sidewalks on both sides of the street. Lambton Kingsway Junior Middle School is located along the east side of Prince Edward Drive North, south of Government Road and on the south side of Government Road, east of Prince Edward Drive North. The legal posted speed limit on Government Road is 40 km/h.

Data Collection/Analysis

To address concerns regarding speeding vehicles, automatic speed and volume counts were conducted on Government Road for a 48-hour period (April 18th and 19th, 2017) east of Walford Road (near # 37). The study revealed that the 85th percentile speed (the speed at or below which 85 percent of the motorists feel comfortable travelling given the prevailing traffic and roadway conditions) was 44 km/h with an average speed of 36 km/h. During our studies the instances of excessive speeding were not prevalent, as indicated in our attached *Technical Summary* document.

Application of our study data to the City of Toronto Traffic Calming Warrant reveals that traffic calming is not warranted on Government Road as the 85th percentile speed is less than 10 km/h above the current 40 km/h speed limit and the minimum required traffic volume of 1,000 vehicles per day (on a local road) were not obtained. Please see attached *Technical Summary*.

In addition to our speed studies, we reviewed the collision history on Government Road between Prince Edward Drive North and Kingsway Crescent for a five-year period, January 1, 2012 to December 31, 2016. According to the Toronto Police Service collision records, this section of Government Road has a good safety record with one reportable collision over this time period. On

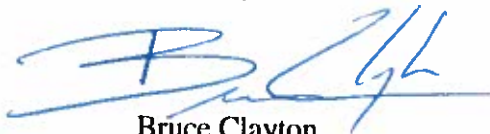
October 20, 2013 at 20:40, an eastbound motorist on Government Road attempted to turn north onto Earlington Avenue. The driver lost control and mounted the curb on the north side striking a fire hydrant and bushes on the east side. The driver and three occupants of the vehicle then fled the scene on foot. No injuries were sustained in the collision. The driver of the vehicle was subsequently charged under the Highway Traffic Act (HTA- Section 130 - Careless Driving).

Conclusion/Recommendations

Based on our study results, observations and the collision history, the majority traffic on Government Road is operating in a safe and efficient manner with most motorists adhering to the 40 km/h speed limit. Based on the non-compliance of the Warrants, physical traffic calming is neither justified nor recommended at this time.

Should you have any questions, please call Mark Hargot, Supervisor of Traffic Operations, Etobicoke York District at (416) 394-8453.

Sincerely,



Bruce Clayton
Manager, Traffic Operations, Etobicoke York District

BSL/bsl

att.
Service Request #7901758

c. Street Files "Government Road"

TECHNICAL SUMMARY

Government Road – Kingsway Crescent to Prince Edward Drive North

1.0 Existing Roadway Classification

Roadway	Road Classification	Typical Daily Vehicle Volume
Government Road	Local Road	Less than 2,500 vehicles

- Sidewalks on both sides of the road
- Stop control on Government Road at Kingsway Crescent and at Prince Edward Drive North
- 40 km/h speed limit

2.0 Volume and Speed Data

Speed Limit: 40 km/h

Study Location: Government Road: between Walford Road and Elliott Avenue (near # 37)

Study Date & Location	Speed Ranges – Km/h (vehicles)					24 Hour Vehicle Total	24-hr 85 th Percentile
	1 – 40	41 – 50	51 – 55	56 – 60	> 60		
Tues. April 18/ 2017	585	189	13	5	2	794	43 km/h
Wed. April 19/ 2017	563	195	18	8	2	786	44 km/h

*The 85th percentile is the speed at or below which the majority of motorists feel comfortable travelling at under the existing roadway conditions.

3.0 Toronto Police Service Collision Records

Five-year (January 1, 2012 – December 31, 2016) review period for which we have complete data.
Study Location: Government Road between Prince Edward Drive North and Kingsway Crescent

Year	Total Reported Collisions	Collisions Related to Speed	Other Collisions
2012	0	0	0
2013	1	0	1
2014	0	0	0
2015	0	0	0
2016	0	0	0

TECHNICAL SUMMARY
Government Road

4.0 Traffic Calming Warrant

Warrant	Criterion	Requirement	Met	Not Met
Warrant 1 Petition	1.1 Petition	Petition signed by at least 25% of the households on the street		✓
Impacts to adjacent streets		If significant impacts are expected on adjacent streets these streets should be included in the proposal		
Warrant 2 Safety Criteria (all three criteria must be fulfilled to satisfy warrant)	2.1 Sidewalks	Continuous sidewalks on at least one side of street (both sides for collector or higher classification) OR On streets where no sidewalks exist, installation of sidewalks on at least one side must first be considered	✓	
	2.2 Road Grade	Traffic calming measures must not be installed at or near locations where road grade exceeds 8%	✓	
	2.3 Emergency Response	Impacts on Emergency Services will not be significant (to be determined in consultation with Fire Ambulance and Police)		To be determined
Warrant 3 Technical Requirements	3.1 Minimum Speed	The 85 th percentile speed must be a minimum of 10km/h over the warranted speed limit and the volume warrant of 3.2 must be fulfilled (3.2 not required if 85 th percentile > 15km/h over speed limit)		✓ 44 km/h 4 km/h over the speed limit
	3.2 Traffic Volumes	<i>Local Roads</i> Traffic volume must be between 1,000 and 8,000 vehicles per day	<i>Collector Roads</i> Traffic volumes must be between 2,500 and 8,000 vehicles per day	✓ Local Road 794 Veh. Per day
	3.3 Minimum Block Length	On streets where mid-block traffic calming measures are proposed the minimum block length must exceed 120 metres	✓	
	3.4 Transit Service	Impacts on regularly scheduled Toronto Transit Service vehicles will not be significant (as determined in consultation with TTC staff)	✓	
Notes: 1) The review should be conducted from one intersecting collector street to another 2) Road classification as determined by the City's Road Classification System 3) Warranted speed limit is speed limit specified in the City of Toronto 40 km/h Speed Limit Warrant 4) Block length as measured from the centre to centre of controlled intersections (from either stop signs in the direction of travel or traffic control signals)				

All criteria need to be met to warrant physical traffic calming, which is not the case on Government Road.