



# STAFF REPORT ACTION REQUIRED

## Traffic Concerns – Loney Avenue and Mattson Road

<b>Date:</b>	May 16, 2016
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services - Etobicoke York District
<b>Wards:</b>	Ward 7 – York West
<b>Reference Number:</b>	p:\2016\Cluster B\TRA\EtobicokeYork\eycc160081-to

### SUMMARY

This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to obtain approval to reduce the speed limit on Loney Avenue from 40 km/h to 30 km/h, between Yvonne Avenue and Matson Road and on Mattson Road from Loney Avenue to the south limit of the road. The results indicate that the criteria to reduce the speed limit are satisfied.

### RECOMMENDATIONS

**Transportation Services recommends that Etobicoke York Community Council:**

1. Reduce the speed limit from 40 km/h to 30 km/h on Loney Avenue, between Yvonne Avenue and Mattson Road.
2. Reduce the speed limit from 40 km/h to 30 km/h on Mattson Road, between Loney Avenue and the south limit of the road.

### Financial Impact

The estimated cost for amending the signs is \$900.00. These funds are included within the Transportation Services 2016 Operating Budget.

### ISSUE BACKGROUND

The Ward Councillor, as a result of a petition from area residents, contacted Transportation Services staff to investigate speeding concerns on Loney Avenue, between Yvonne Avenue and Mattson Road. Mattson Road was included in the analysis due to it being an extension of Loney Avenue. In response to this request, speed studies were conducted and the results were applied to the City-wide 30 km/h Speed Limit Warrant. A map of the area is Attachment 1.

## COMMENTS

Loney Avenue is a two-lane 8.5 metre wide roadway classified in the City's Road Classification System as a "Local" road. The roadway has an urban cross-section (curb and gutter) with sidewalks on the east and north side of the road. The posted speed limit on Loney Avenue is 40 km/h. St. Andre Catholic School is located at the intersection of Loney Avenue and Yvonne Avenue.

Mattson Road is a two-lane 8.5 metre wide roadway classified in the City's Road Classification System as a "Local" road. Sidewalks are absent on both sides. The south end of Loney Avenue becomes Mattson Road within the curve of the road.

Long duration parking for a maximum period of 8 hours is permitted on the east side of Loney Avenue, between a point 26 metres south of Yvonne Avenue and a point 169 metres further south, from 8:00 a.m. to 4:00 p.m., Monday to Friday. In all other circumstances, Loney Avenue is subject to the City-wide 3 hour parking by-law. Parking is prohibited at all times on the west side of Mattson Road, between Loney Avenue and the south limit of the road.

Study data was applied to the City of Toronto 30 km/h Speed Limit Warrant which reveals that a 30 km/h speed limit is warranted on Loney Avenue. Details of our 30 km/h Speed Limit Warrant analysis are included in Appendix A: Table 1. The results of the speed studies are summarized in the following table:

Study Location	Speed Ranges – km/h					*85 <sup>th</sup> Percentile	24 Hr Total
	1-40	41-50	51-60	61-65	>65		
Loney Avenue	387	226	53	2	0	47 km/h	668

\*The 85<sup>th</sup> percentile speed is the vehicle operating speed at or below which 85 percent of all traffic is moving. Studies show that collision rates are lowest at or around the 85<sup>th</sup> percentile speed.

Based on our assessment, Loney Avenue does satisfy the technical requirements, specifically in; Warrant B – *Road Environment* and Warrant D - *Pedestrian and Traffic Environment*. Mattson Road, between Loney Avenue and the south limit of the road was included in the analysis due to it being an extension of Loney Avenue. As such, it is recommended that a speed reduction of 30 km/h be put in place on both Loney Avenue and Mattson Road.

It was noted that there have been no reported collisions in the preceding three year period ending December 31, 2015, where vehicle speed was identified as a factor.

**CONTACT**

Larysa Sereda, Traffic Operations - Etobicoke York District

Phone: 416-394-8435; Fax: 416-394-8942

Email: [lsereda@toronto.ca](mailto:lsereda@toronto.ca)

AFS23233

**SIGNATURE**

---

Steven T. Kodama, P.Eng.

Director, Transportation Services - Etobicoke York District

**ATTACHMENTS**

Appendix A: 30 km/h Speed Limit Warrant

Attachment 1: Map

## Appendix A

### 30 km/h Speed Limit Warrant Loney Avenue and Mattson Road

<b>Warrant "A" – Petition</b>	
Consideration of 30 km/h speed limit on a street upon receipt of a petition signed by at least 25% of affected households (or 10% in the case of multiple family rental dwellings).	
Warrants "B", "C", and "D" will not be considered until Warrant "A" is satisfied.	

#### ROAD ENVIRONMENT

<b>Warrant "B" – <u>ALL</u> of the following criteria must be met</b>	
Local or Collector road	<b>Yes</b>
Pavement width less or equal to 8.5 metres	<b>Yes</b>
Operating speed (85 <sup>th</sup> percentile) no greater than 50km/h	<b>Yes – 47 km/h</b>
Maximum traffic volume Local & Collector – less than 8,000 vehicles/day	<b>Yes - 668</b>

#### SCHOOL AND CYCLING ENVIRONMENT

<b>Warrant "C" – At least <u>ONE</u> of the following criteria must be met</b>	
Elementary or junior high school abuts the road – ( <i>The 30 km/h maximum speed limit must extend at a minimum 150 metres beyond the boundary of school property and can be extended to include full road section</i> )	<b>No</b>
Improved parkland abuts the road that is contiguous to and used to gain access to an elementary or junior high school – ( <i>The 30 km/h maximum speed limit must extend at a minimum 15 metres beyond the boundary of the parkland and can be extended to include full road section</i> )	<b>No</b>
Presence of cycling facilities identified by means of a contra-flow bicycle lane, mid-block sharrows or signed bicycle route	<b>No</b>

#### PEDESTRIAN AND TRAFFIC ENVIRONMENT

<b>Warrant "D" – At least <u>THREE</u> of the following criteria must be met</b>	
Absence of continuous sidewalk on both sides of the road or major portion of the road	<b>No</b>
'Significant parking activity' that results in cars being parked most of the time on both sides of the road or parked on one side, and the pavement width is less than 6.5 metres	<b>Yes</b>
2 or more curves in short distance from each other (<200 metres) with safe operating speed less than 30 km/h	<b>Yes</b>
Lack of sufficient safe stopping distance (65 metres) based on the operating speed of 40 km/h at two or more locations	<b>Yes</b>

#### OVERALL WARRANT SUMMARY

<b>Warrants "B" and "C" met or "B" and "D" met</b>	<b>Yes (B and D)</b>
--	----------------------