



## STAFF REPORT ACTION REQUIRED

### Lomar Drive – Speed Limit Amendments

<b>Date:</b>	March 29, 2010
<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:\2010\Cluster B\TRA\EtobicokeYork\eycc100064-to

### SUMMARY

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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 Lomar Drive, between Sheppard Avenue West and Laura Road, from 50 km/h to 40 km/h.

A staff assessment has determined that the warrant for installing a 40 km/h speed limit is met on Lomar Drive.

### RECOMMENDATIONS

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

1. Enacting a 40 km/h speed limit on Lomar Drive, between Sheppard Avenue West and Laura Road.

### Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$800.00

## ISSUE BACKGROUND

Transportation Services staff received a request from an area resident to investigate vehicle operating speeds on Lomar Road. In response, a speed and volume study using automatic traffic counters was conducted by Transportation Services staff on Lomar Drive, north of Larchwood Road. The study results are applied to the 40 km/h Speed Limit Warrant.

## COMMENTS

Lomar Drive is a 50km/h two-lane local residential road with an 8.5 metre pavement width, located in the community to the north of Sheppard Avenue West, east of Highway No.400. Sidewalks are located on both sides of Lomar Drive, between Sheppard Avenue West to south of the south intersection of Honeywood Road. The remaining portion of the street, which accounts for the majority of its overall length, does not have sidewalks on either side of the road.

A speed and volume study was conducted on Lomar Drive, north of Larchwood Road. The study results are shown in the following tables:

Location: Lomar Drive, north of Larchwood Road						
Count Date: Thursday, September 17, 2009						
	Northbound			Southbound		
Time Period	Traffic Volume (Veh/Hour)	85 <sup>th</sup> %-tile Speed (km/h)	10 km/h Pace (km/h)	Traffic Volume (Veh/Hour)	85 <sup>th</sup> %-tile Speed (km/h)	10 km/h Pace (km/h)
a.m. Peak Hour	35	40		27	39	
p.m. Peak Hour	38	44		33	43	
Total 24 Hour	425	45	31 – 40	388	44	31 – 40

The 85<sup>th</sup> percentile and 10 km/h pace speeds are statistical measures of free flow vehicle operating speed. The 85<sup>th</sup> percentile speed is the vehicle operating speed at or below which 85 per cent of all traffic is moving. Studies show that crash rates are lowest at around the 85<sup>th</sup> percentile speed. The 10 km/h pace speed represents the speed range, 10 km/h in this case, containing the highest number of observations.

Toronto Police Service collision records for a five-year period ending December 31, 2009, report no crashes on Lomar Drive where speeding was identified as a contributing factor.

Under current Council policy, forty km/h speed limits may be introduced on streets where the road width and either pedestrian or road/traffic environment criteria are satisfied. Lomar Drive satisfies warrant criteria attached in Appendix A: Table 1, since the majority of the road does not have sidewalks.

We wish to emphasize that while the combinations of speed and volume data technically meet the warrant for reducing the speed limit on Lomar Drive, our study found no evidence of either speeding or crashes correlated with excessive speed, and that motorists appear to be driving at safe speeds suitable for a local road. Since the majority of drivers already travel at speeds considered reasonable for this classification of road, it is anticipated that non-compliance with these reduced speed limits may result in additional requests for police enforcement and more restrictive traffic control measures.

## **CONTACT**

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## **SIGNATURE**

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Allan Smithies, Acting Director  
Transportation Services - Etobicoke York District

## **ATTACHMENTS**

Appendix A:	Table 1
Attachment 1:	Map
Attachment 2:	Aerial Photo

## APPENDIX A

### 40 Km/h Speed Limit Warrant – Lomar Drive

<b>A. ROAD WIDTH</b>		
1.	(i)	Pavement width equal to or greater than 10.5 metres and the 85 <sup>th</sup> percentile speed is equal to or less than 50 km/h
<b>OR</b>		
	(ii)	Pavement width less than 10.5 metres
		PAVEMENT WIDTH: <b>8.5 metres</b> 85 <sup>TH</sup> PERCENTILE SPEED: <b>44 km/h</b>
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

AND

<b>B. PEDESTRIAN ENVIRONMENT</b>		
1.	(i)	Elementary or junior high school abuts the road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>OR</b>		
	(ii)	Parkland abuts the road which is contiguous to and used to gain access to an elementary or junior high school Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>OR</b>		
	(iii)	Absence of sidewalk on both sides of the road or a major portion of the road Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

OR

<b>C. ROAD AND TRAFFIC ENVIRONMENT</b>		
1.	(i)	Two or more locations where grades are greater than 5%; and/or safe speed on curves is less than 50 km/h Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>OR</b>		
	(ii)	2 or more locations where there is lack of sufficient distance to stop safely traveling at 50 km/h Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>OR</b>		
	(iii)	Pattern of collisions where vehicle speed was identified as a factor Local streets – 3 or more over 3 years Other streets – 5 or more over 3 years Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>