**Speed Limit Amendment – Waterbury Drive**

<table>
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<tr>
<th>Date:</th>
<th>December 12, 2012</th>
</tr>
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<tr>
<td>To:</td>
<td>Etobicoke York Community Council</td>
</tr>
<tr>
<td>From:</td>
<td>Director, Transportation Services - Etobicoke York District</td>
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<td>Wards:</td>
<td>Ward 4 – Etobicoke Centre</td>
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<td>Reference Number:</td>
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**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 Waterbury Drive between Martin Grove Road and Redgrave Drive from 50 km/h to 40 km/h.

**RECOMMENDATIONS**

Transportation Services recommends that Etobicoke York Community Council approve:

1. Enacting a 40 km/h speed limit on Waterbury Drive between Martin Grove Road and Redgrave Drive.

**Financial Impact**

<table>
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<tr>
<th>Type of Funding</th>
<th>Source of Funds</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Available within current budget</td>
<td>Transportation Services Operating Budget</td>
<td>$600.00</td>
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**ISSUE BACKGROUND**

Transportation Services staff received a request from an area resident to investigate vehicle operating speeds on Waterbury Drive. In response to this request, speed studies were conducted by Transportation Services staff. The study results were applied to the 40 km/h Speed Limit Warrant. A map of the area is Attachment 1.
COMMENTS
Waterbury Drive is a two-lane 8.6 metres wide road classified in the City’s Road Classification System as a “Collector” road. This street is located in the residential community south of Highway 401 and west of Martin Grove Road. Waterbury Drive operates two-way with a north-south alignment between Martin Grove Road and Redgrave Drive. It has an urban cross section (curb and gutter) with sidewalks on both sides of the street. The statutory speed limit on the street is 50 km/h.

A speed and volume study was conducted on Waterbury Drive between Martin Grove Road and Redgrave Drive. Transportation Services traffic study results reveal an overall 85th percentile speed of 52 km/h. The 85th percentile speed is the vehicle operating speed at or below which 85 per cent of all traffic is moving.

Toronto Police Service collision records for a five-year period ending December 31, 2011, indicate a good safety record on this roadway with no reported collisions where speed was identified as a contributing factor.

Application of the study data to the City of Toronto 40 km/h Speed Limit Warrant, reveals that a 40 km/h speed limit is warranted on Waterbury Drive based on the two existing curves where the safe speed is less than 50 km/h. Details of our 40 km/h Speed Limit Warrant analysis are included in Appendix A: Table 1.

Given that the 40 km/h warrant is met, staff recommends that the 50 km/h speed limit on Waterbury Drive between Martin Grove Road and Redgrave Drive be reduced to 40 km/h.

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SIGNATURE

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Steven T. Kodama P.Eng.
Director, Transportation Services - Etobicoke York District

ATTACHMENTS
Appendix A: 40 km/h Speed Limit Warrant
Attachment 1: Map
## APPENDIX A

**40 Km/h Speed Limit Warrant – Waterbury Drive**

### A. ROAD WIDTH

1. (i) Pavement width equal to or greater than 10.5 metres and the 85th percentile speed is equal to or less than 50 km/h  
   
   OR

   (ii) Pavement width less than 10.5 metres  

   **PAVEMENT WIDTH:** 8.6 metres  
   **85th PERCENTILE SPEED:** 52 km/h  

### AND

### B. PEDESTRIAN ENVIRONMENT

1. (i) Elementary or junior high school abuts the road  
   
   OR

   (ii) Parkland abuts the road which is contiguous to and used to gain access to an elementary or junior high school  

   OR

   (iii) Absence of sidewalk on both sides of the road or a major portion of the road  

### OR

### C. ROAD AND TRAFFIC ENVIRONMENT

1. (i) Two or more locations where grades are greater than 5%; and/or safe speed on curves is less than 50 km/h  
   
   OR

   (ii) 2 or more locations where there is lack of sufficient distance to stop safely traveling at 50 km/h  

   OR

   (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  

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