Traffic Calming: Codsell Avenue between Wilmington Avenue and Goddard Street

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<th>Date:</th>
<th>October 28, 2013</th>
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<td>To:</td>
<td>North York Community Council</td>
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<tr>
<td>From:</td>
<td>Director, Transportation Services, North York District</td>
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<td>Wards:</td>
<td>Ward 10 – York 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 to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

To deny the installation of traffic calming measures (speed humps) on Codsell Avenue between Wilmington Avenue and Goddard Street.

The results of a traffic calming assessment on Codsell Avenue between Wilmington Avenue and Goddard Street indicate that the minimum requirements of the traffic calming warrant have not been achieved.

**RECOMMENDATIONS**

Transportation Services, North York District, recommends that North York Community Council:

1. Deny the installation of speed humps on Codsell Avenue between Wilmington Avenue and Goddard Street.

**Financial Impact**

There are no financial impacts associated with the adoption of this report.
ISSUE BACKGROUND

Transportation Services, North York District has reviewed a request from the Ward Councillor on behalf of area residents to investigate the feasibility of installing traffic calming measures (speed humps) on Codsell Avenue between Wilmington Avenue and Goddard Street.

The residents' are concerned that motorists are travelling at a high rate of speed on Codsell Avenue.

COMMENTS

Codsell Avenue is a two-lane local road with a pavement width of approximately 8.5 metres, a regulatory speed limit of 50 km/h and is comprised of single family residential properties. A municipal sidewalk is located on the south side of Codsell Avenue between Wilmington Avenue and Goddard Street.

Westbound and eastbound traffic operates as free flow from Wilmington Avenue to Goddard Street. Elder Street forms a T-type intersection at Codsell Avenue between Wilmington Avenue and Goddard Street and as such the southbound traffic on Elder Street is required to stop at Codsell Avenue.

To identify the existing traffic conditions, 24-hour speed and volume studies were conducted on Codsell Avenue between Wilmington Avenue and Goddard Street on November 1, 2012.

The following table identifies the results of those studies:

<table>
<thead>
<tr>
<th>Codsell Avenue</th>
<th>Dir</th>
<th>Speed Limit (km/h)</th>
<th>Vehicle Speeds (km/h)</th>
<th>Traffic Volume</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Operating</td>
<td>Average</td>
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<tr>
<td>Wilmington Avenue to</td>
<td>EB</td>
<td>50 km/h</td>
<td>53</td>
<td>44</td>
</tr>
<tr>
<td>Elder Street</td>
<td>WB</td>
<td></td>
<td>50</td>
<td>42</td>
</tr>
<tr>
<td>Elder Street to Goddard Street</td>
<td>EB</td>
<td>50 km/h</td>
<td>53</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>WB</td>
<td></td>
<td>52</td>
<td>44</td>
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Results of the vehicle speed studies confirm that operating speeds, the speed at which 85% of the motorists are travelling at or below is 53 km/h, and the average vehicle speeds are at or below 46 km/h.

In reviewing the traffic data collected as part of this investigation, the "Technical Requirement" warrant of the Traffic Calming Policy is not satisfied. Specifically, the operating speed must be greater than 10 km/h over the warranted speed limit. The Traffic Warrant Summary Sheet is attached.

In addition to the above analysis, staff undertook a review of the collision statistics for this section of roadway.
A review of the Toronto Police Service collision statistics indicates that there have been zero reported collisions involving speeding or pedestrians, in the preceding three years, ending May 1, 2013.

According to the City of Toronto Traffic Calming Policy, a formal poll managed by City Clerks must be conducted of householders directly abutting or flanking the street. The policy stipulates that a minimum response of 50% plus one of affected households respond, and that 60% of valid responses support the proposal in order to implement the traffic calming plan.

Considering the results of the study, this Division does not support the installation of speed humps on Codsell Avenue between Wilmington Avenue and Goddard Street and as such does not recommend that the City Clerks Registry Office be directed to conduct a poll of the residents.

Notwithstanding, should North York Community Council support the installation of traffic calming measures (speed humps) on Codsell Avenue, our review has indicated that a total of four speed humps could be implemented on Codsell Avenue between Wilmington Avenue and Goddard Street as follows:

- approximately 70 metres east of Wilmington Avenue;
- approximately 25 metres west of Elder Street;
- approximately 50 metres east of Elder Street; and
- approximately 90 metres west of Goddard Street

The Ward Councillor has been advised of the recommendation contained within this report.

CONTACT

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SIGNATURE

_______________________________
Kyp Perikleous
Director

Traffic Calming: Codsell Ave
ATTACHMENTS

Attachment 1: Location Map – Codsell Avenue, Traffic Calming
Attachment 2: Warrant Summary – Codsell Avenue, Speed Hump