



STAFF REPORT ACTION REQUIRED

Warbeck Place - Speed Limit Amendment

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|--------------------------|---|
| Date: | October 20, 2008 |
| To: | Etobicoke York Community Council |
| From: | Director, Transportation Services - Etobicoke York District |
| Wards: | Ward 4 – Etobicoke Centre |
| Reference Number: | p:\2008\Cluster B\TRA\EtobicokeYork\eycc080144-to |

SUMMARY

This staff report is about a matter for which the 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 Warbeck Place.

Installing a 40 km/h speed limit on Warbeck Place is consistent with the 40 km/h Speed Limit Warrant. Approval of this report will result in a 40 km/h speed limit being posted on Warbeck Place between the east and west intersections of Nugent Road.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. A 40 km/h speed limit on Warbeck Place between Nugent Road (east intersection) and Nugent Road (west intersection), as the requirements of the 40 km/h Speed Limit Warrant are achieved.

Financial Impact

| Type of Funding | Source of Funds | Amount |
|---------------------------------|--|----------|
| Available within current budget | Transportation Services Operating Budget | \$300.00 |

ISSUE BACKGROUND

Transportation Services staff received a phone call from a resident of Warbeck Place concerned with speeding on the street, especially in the vicinity of the curves in the road. To quantify concerns, speed studies were conducted by Transportation Services staff on Warbeck Place. The study results were applied to the 40 km/h Speed Limit Warrant. A map of the area is Attachment No. 1.

COMMENTS

Warbeck Place is a local two-way roadway located east of Kipling Avenue and south of Dixon Road. The surrounding land area consists of detached single family dwellings. The statutory speed limit for Warbeck Place is an unposted 50 km/h. Warbeck Place is built to urban standards (curb and gutter); however, the street does not have a sidewalk on either side of the roadway.

Automatic speed and volume studies were conducted on Warbeck Place. These study results reveal that the majority of motorists travel at speeds less than the 50 km/h speed limit with an 85th percentile speed of 39 km/h. The 85th percentile is the speed at or below which the majority of motorists feel comfortable travelling under the existing roadway conditions. The 24-hour volume was recorded as 84 vehicles.

Toronto Police Service collision records for a three-year period ending December 31, 2007, indicate that there have been no reported collisions on Warbeck Place.

Under the current Council Policy, 40 km/h speed limits may be implemented on streets where the Road Width and either Pedestrian or Road and Traffic Environment criteria are met. Warbeck Place Drive satisfies all three of the criteria as set in the attached Appendix A: Table 1, since there are no sidewalks on either side of the road as well as two curves with a safe travel speed of less than 40 km/h. It is prudent to reduce the speed limit to reflect these conditions.

CONTACT

Bruce Clayton, Transportation Services - Etobicoke York District
Tel: (416) 394-8408 Fax: (416) 394-8942 E-mail: clayton@toronto.ca
AFS# 8747

SIGNATURE

John Niedra, P.Eng.
Director, Transportation Services-Etobicoke York District

ATTACHMENTS

Appendix A Table 1
Attachment No. 1: Map

APPENDIX A – TABLE 1

40 Km/h Speed Limit Warrant – Warbeck Place

| | | | |
|--|-------|---|---|
| A. ROAD WIDTH | | | |
| 1. | (i) | Pavement width equal to or greater than 10.5 metres and the 85 th percentile speed is equal to or less than 50 km/h | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| OR | | | |
| | (ii) | Pavement width less than 10.5 metres | |
| PAVEMENT WIDTH: 8.5 metres 85 TH PERCENTILE SPEED: 39 km/h | | | |
| AND | | | |
| B. PEDESTRIAN ENVIRONMENT | | | |
| 1. | (i) | Elementary or junior high school abuts the road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| OR | | | |
| | (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"/> | |
| OR | | | |
| | (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"/> | |
| 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 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| OR | | | |
| | (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"/> | |
| 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 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |