



Meeting 2016 May 03

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
TRAFFIC SAFETY COMMITTEE

DATE: 2016 April 25

FROM: DIRECTOR ENGINEERING

FILE: 38000 20
Ref: Traffic Safety

SUBJECT: PEDESTRIAN SAFETY CONCERNS ON BARTLETT COURT

PURPOSE: To review pedestrian safety concerns on Bartlett Court.

RECOMMENDATION:

1. **THAT** the Committee receives this report for information and a copy be sent to Mr. Roderick Santiago for his information.

REPORT

BACKGROUND

On 2016 March 01, the Traffic Safety Committee received correspondence from Mr. Roderick Santiago expressing concerns about pedestrian safety while crossing Bartlett Court. In particular, Mr. Santiago was concerned about the safety of children and parents walking to and from school and the speed of vehicles along the street. The Committee referred this matter to staff for review.

EXISTING CONDITIONS

Bartlett Court is a local street located between Cameron Elementary School to the west and Lougheed Mall to the east. It terminates at a cul-de-sac at the southerly end where there are two driveway accesses to multi-family residential homes. Mr. Santiago is concerned about pedestrians crossing Bartlett Court between a pathway on the west side (south of Cameron Elementary) and a pathway on the east side that leads to Lougheed Mall as shown in Figure 1. There are sidewalks on both sides of the street and an existing raised midblock school crosswalk approximately 85 metres north of the cul-de-sac. The crosswalk is appropriately signed and marked including "School Crosswalk Ahead" signs in advance of the crosswalk. School Zone signs with a 30 km/h speed limit are also in place along Bartlett Court for both northbound and southbound vehicles. Parking is prohibited on both sides of Bartlett Court.

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INTERSECTION REVIEW

A traffic survey was completed between 2016 March 09 and March 15. The results showed that Bartlett Court has daily traffic volume of about 900 vehicles which is within the expected range for a local street. The 85% speed was found to be about 41 km/h which is not unreasonable. A review of the collision history along on Bartlett Court between 2009 and 2014 revealed no concerns with an average of 1 per year. Field observations made between 2:30pm and 3:30pm during the weekday showed that 130 pedestrians crossed the street at the cul-de-sac while 58 vehicles travelled along the street at a fairly low speed. Despite the relatively high volume of pedestrians, pedestrians were observed crossing with no difficulties.

A pedestrian crossing review was completed using Transportation Association of Canada guidelines. The guidelines help to determine the relative crossing difficulty for pedestrians and the appropriate pedestrian crossing facility. Application of the guidelines showed that a marked crosswalk is currently not warranted because of the very low traffic volumes.

RECOMMENDATION

A review of the crossing conditions between two pathways at the Bartlett Court cul-de-sac showed that the installation of a marked crosswalk is not warranted; therefore, no changes are recommended.

It is recommended that the Committee receive this report for information and a copy be sent to Mr. Santiago for his information.



Léon A. Gous, P. Eng., MBA
DIRECTOR ENGINEERING

AW/DL/ac

Attachment

Copied to: City Manager

Bartlett Ct

10.10

10.53

24.22

6.00

221.53