

TRAFFIC SAFETY COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: CROSSWALK – CHAFFEY AVENUE AT SARDIS STREET

RECOMMENDATIONS:

1. THAT Council endorse the parking restrictions at the intersection of Chaffey and Sardis as detailed in this report.
2. THAT a copy of this report be sent to Ms. Mary Mackillop, 5561 Chaffey Ave, Burnaby BC V5H 2S1 and Mr. Yonge Wong, 5707 Elsom Ave, Burnaby, BC V5H 2Z8.

REPORT

The Traffic Safety Committee, at its meeting held on 2012 September 04, received and adopted the *attached* report to respond to correspondence received from Ms. Mary Mackillop expressing concerns about pedestrian safety while crossing Chaffey Avenue at Sardis Street.

A review of the intersection of Chaffey Avenue and Sardis Street concluded that the installation of a marked crosswalk is not warranted. However, an extension to the existing parking restriction at the south east corner and installation of new parking restrictions on the west side of the intersection is recommended to enhance pedestrian visibility and safety. Due to concerns from adjacent owners, the removal of on-street parking spaces has been limited to one that is fully within the intersection.

Respectfully submitted,

Councillor S. Dhaliwal
Chair

Councillor A. Kang
Vice Chair

Councillor P. Calendino
Member

Copied to: City Manager Director Engineering

TO: CHAIR AND MEMBERS
TRAFFIC SAFETY COMMITTEE

DATE: 2012 August 22

FROM: ACTING DIRECTOR ENGINEERING

FILE: 38000 20
Ref: Traffic Safety

SUBJECT: CROSSWALK - CHAFFEY AVE AT SARDIS ST

PURPOSE: To review pedestrian safety concerns at the intersection of Chaffey and Sardis

RECOMMENDATIONS:

1. **THAT** the Committee recommend to Council that parking be restricted at the intersection of Chaffey and Sardis as detailed in this report.
2. **THAT** a copy of this report be sent to Ms. Mary Mackillop, 5561 Chaffey Ave, Burnaby BC V5H 2S1 and Mr. Yonge Wong, 5707 Elsom Ave, Burnaby, BC V5H 2Z8.

REPORT

BACKGROUND

On 2012 May 01, the Committee received correspondence from Ms. Mary Mackillop expressing concerns about pedestrian safety while crossing Chaffey Ave at Sardis St. In particular, Ms. Mackillop was concerned about the safety of children walking to and from school. The Committee referred the matter to staff for review.

EXISTING CONDITIONS

The intersection of Chaffey Ave at Sardis St is a T-intersection with Sardis St being stop controlled in favour of Chaffey Ave. Chaffey Burke Elementary School is located to the east of the intersection (Figure 1). Both streets are classified as local streets and parking is allowed on both sides of Chaffey Ave with some restrictions near the intersection. Sidewalks exist on the west side of Chaffey Ave and along the south side of Sardis St. "School Crosswalk Ahead" signs are in place along Chaffey Ave about 100m north and south of the intersection. A "School Zone" sign with a 30 km/h speed limit is also in place near the intersection for eastbound traffic along Sardis St.

To: Traffic Safety Committee
From: Acting Director Engineering
Re: Crosswalk – Chaffey Ave at Sardis St
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INTERSECTION REVIEW

Traffic counts conducted on 2012 May 29 at the intersection showed that Chaffey Ave has daily traffic volumes of about 1,350 vehicles and Sardis St has about 800 vehicles, both of which are within the expected range for a local street. Peak hour traffic volumes of about 260 vehicles were observed along Chaffey between 8:00 AM to 9:00 AM. Peak hour pedestrian volumes of 33 pedestrians were observed crossing Chaffey Ave between 4:00 PM and 5:00 PM. A review of the collision history at the intersection between 2007 and 2011 revealed no concerns and no pedestrian related collisions.

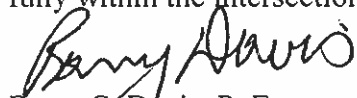
A pedestrian crossing review was completed using Transportation Association of Canada guidelines. The guidelines help to determine the relative crossing difficulty for pedestrians and appropriate pedestrian crossing facility. Application of the guidelines concluded that a marked crosswalk is currently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

Field observations revealed that visibility between motorists and pedestrians can be improved to enhance safety by restricting parking on the west side of Chaffey Ave at the intersection, and extending the existing restriction on the south east corner (Figure 1). Affected property owners were notified by letter regarding the proposed parking restrictions. In response, the owners of 5561/63 Chaffey Ave expressed concerns about the loss of parking in front of their property. They feel that the restriction is unnecessary and would impact the two on-street parking spaces they have relied upon over the years.

Staff has reviewed the parking concerns and has been able to limit the impact to the removal of one parking space only. The one parking space recommended for removal is fully within the intersection and would physically hinder any pedestrians wishing to cross the north leg of the intersection. This parking space is also in contravention of the existing Street and Traffic Bylaw, and can be enforced despite the lack of any posted parking regulations.

RECOMMENDATION

A review of the intersection of Chaffey Ave and Sardis St concluded that the installation of a marked crosswalk is not warranted. However, an extension to the existing parking restriction at the south east corner and installation of new parking restrictions on the west side of the intersection is recommended to enhance pedestrian visibility and safety. Due to concerns from adjacent property owners, the removal of on-street parking spaces has been limited to one that is fully within the intersection.



Barry C. Davis, P. Eng.
ACTING DIRECTOR ENGINEERING

ZR/DL/br
Attachment
Copied to: City Manager



LEGEND

Proposed
Parking Restrictions

Existing
Restricted Parking

This information has been gathered and assembled on the City of Burnaby's computer systems. Data provided herein is derived from a number of sources with varying levels of accuracy. The City of Burnaby disclaims all responsibility for the accuracy or completeness of information contained herein.