

TRAFFIC SAFETY COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: CROSSWALK – WILLINGDON AVENUE AT KITCHENER STREET

RECOMMENDATIONS:

1. THAT Council receive this report for information.
2. THAT a copy of this report be sent to Mr. Claude Tani, 4252 Grant Street, Burnaby BC, V5C 3N9.

REPORT

The Traffic Safety Committee, at its meeting held on 2013 March 05, received and adopted the *attached* report to review pedestrian safety concerns at the intersection of Willingdon Avenue and Kitchener Street.

Respectfully submitted,

Councillor S. Dhaliwal
Chair

Councillor A. Kang
Vice Chair

Councillor P. Calendino
Member

Copied to:	City Manager OIC, Burnaby RCMP Acting Director Engineering
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TO: CHAIR AND MEMBERS
TRAFFIC SAFETY COMMITTEE

DATE: 2013 February 28

FROM: ACTING DIRECTOR ENGINEERING

FILE: 38000 20
Ref: Traffic Safety

SUBJECT: CROSSWALK – WILLINGDON AVE AT KITCHENER ST

PURPOSE: To review pedestrian safety concerns at the intersection of Willingdon and Kitchener

RECOMMENDATIONS:

1. **THAT** the Committee receive and forward this report to Council for information.
2. **THAT** a copy of this report be sent to Mr. Claude Tani, 4252 Grant St, Burnaby BC V5C 3N9.

REPORT

BACKGROUND

On 2013 February 05, the Committee received correspondence from Mr. Claude Tani requesting that a pedestrian crosswalk be installed on Willingdon Ave at Kitchener St. In particular, Mr. Tani was concerned about the safety of pedestrians crossing Willingdon. He further requested that the RCMP enforce the speed limits along Willingdon Ave between Gravely and Parker. The Committee referred the matter to staff for review.

In 2010 February, a similar request was made by Mr Claude Tani. A review was completed at that time and a marked pedestrian crosswalk was not recommended. With the new request, another formal review was undertaken to determine if conditions have changed since the last review.

EXISTING CONDITIONS

The intersection of Willingdon Ave at Kitchener St is a standard four legged intersection with Kitchener St being stop controlled in favour of Willingdon Ave (see Figure 1). Willingdon Ave is classified as the Primary Arterial Street and Kitchener St is classified as a Local Street. Willingdon Ave slopes down at a 4% grade in the southbound direction and has a straight alignment that provides good sight lines for both pedestrian and motorists. Street lighting exists along the west side of Willingdon Ave with one located 9 metres north of the intersection and one located 17 metres south.

To: Traffic Safety Committee
From: Acting Director Engineering
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INTERSECTION REVIEW

Traffic counts conducted at the intersection showed that Willingdon Ave has daily traffic volumes of about 26,000 vehicles and Kitchener St has about 1,000 vehicles, both of which are within the expected range according to their street classification. Peak hour traffic volumes of about 1,800 vehicles were counted along Willingdon Ave between 5:00 - 6:00 pm. Recent observations found relatively few pedestrians crossing Willingdon, with a peak of 12 pedestrians between 8:00 – 9:00 am during the weekday. A review of the collision history at the intersection between 2007 and 2011 revealed one pedestrian collision related to crossing Kitchener. In addition, there was a hit and run pedestrian fatality in 2010.

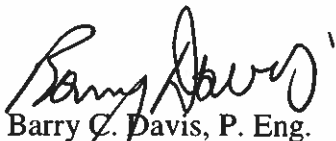
Using recent counts, a pedestrian crossing review was completed using Transportation Association of Canada guidelines. The guidelines help to determine the relative crossing difficulty for pedestrians and the type of pedestrian crossing facility that may be suitable. The guidelines indicated that a marked pedestrian crosswalk is currently not warranted. It should be noted that if a marked pedestrian crosswalk was warranted, a pedestrian-actuated signal may be recommended instead given the circumstances. This is because a marked crosswalk may create a false sense of security for pedestrians crossing a primary arterial roadway.

RECOMMENDATIONS

A review of the intersection of Willingdon Ave and Kitchener St was undertaken in response to concerns about the safety of pedestrians crossing Willingdon. The review showed that a marked pedestrian crosswalk is currently not warranted. Staff will continue to monitor the intersection for any necessary changes in the future.

In response to Mr. Tani's request for speed enforcement, the RCMP have been enforcing speeds along Willingdon Ave and will continue as required and as resources allow.

It is recommended that a copy of this report be sent to Mr. Claude Tani for his information.



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

ZR/DL/br
Attachment
Copied to:

City Manager
Burnaby RCMP – OIC Chief Supt. Dave Critchley



WILLINGDON AVE AT KITCHENER ST

February 26, 2013

FIGURE-1



The 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.

