

**TRAFFIC SAFETY COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: PEDESTRIAN SIGNAL AT KINGSWAY AND OLIVE AVENUE**

**RECOMMENDATIONS:**

1. THAT Council approve the installation of a pedestrian activated signal on Kingsway at Olive Avenue as outlined in this report.
2. THAT a copy of this report be sent to Ms. Judy Parker, 305 – 5565 Barker Avenue, Burnaby, BC, V5H 2N8.

**REPORT**

The Traffic Safety Committee, at its meeting held on 2013 February 05, received and adopted the *attached* report to respond to a request received for a pedestrian signal at the intersection of Kingsway and Olive Avenue.

The most recent review has shown that pedestrians crossing Kingsway at Olive Avenue have increased, peaking at over 60 crossings during the morning rush hour. Proximity to bus stops along Kingsway, walkways to the residential neighbourhood to the north and the Patterson SkyTrain Station to the south are all contributing to this increase. In addition, general population growth has increased both vehicular and pedestrian traffic to the area. The new data reveals that a pedestrian signal is warranted according to Transportation Association of Canada (TAC) guidelines. Therefore the installation of a pedestrian signal at Kingsway and Olive is now recommended.

Respectfully submitted,

Councillor S. Dhaliwal  
Chair

Councillor A. Kang  
Vice Chair

Councillor P. Calendino  
Member

Copied to: City Manager Acting Director Engineering
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**TO:** CHAIR AND MEMBERS  
TRAFFIC SAFETY COMMITTEE

**DATE:** 2013 January 03

**FROM:** ACTING DIRECTOR ENGINEERING

**FILE:** 38000 40

**SUBJECT: PEDESTRIAN SIGNAL AT KINGSWAY AND OLIVE AVE**

**PURPOSE:** To respond to a request for a pedestrian signal at the intersection of Kingsway and Olive Ave

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**RECOMMENDATIONS:**

1. **THAT** the Committee recommend to Council the installation of a pedestrian activated traffic signal on Kingsway at Olive Ave as outlined in this report.
2. **THAT** a copy of this report be sent to Ms. Judy Parker 303-5565 Barker Ave, Burnaby, BC, V5H 2N8.

**REPORT****1.0 BACKGROUND**

On 2012 November 06, Ms. Judy Parker appeared as a delegation to the Committee regarding the intersection of Kingsway and Olive. She presented a video and an on-line petition requesting the installation of a pedestrian activated traffic signal at the intersection of Kingsway and Olive Ave. Her request was referred to staff for review.

The last formal review of the crossing conditions at Kingsway and Olive was completed in 2007. At that time, a pedestrian signal was not warranted. Since that time, staff have informally reviewed the crossing conditions from time to time. Based on the recent request from Ms. Parker, another formal review was conducted in 2012 November complete with new pedestrian and traffic counts.

**2.0 DISCUSSION**

Kingsway and Olive Ave is an unsignalized T- intersection between two signalized intersections along Kingsway at Patterson Ave (205m to the west) and at Wilson Ave (145m to the east) as shown in Figure 1. Despite the proximity to the adjacent signalized intersections, high pedestrian activity continues to occur at Kingsway and Olive. A previous review of this intersection in 2007 found a fair number of pedestrians crossing at this location, but it did not

To: Traffic Safety Committee  
From: Acting Director Engineering  
Re: Pedestrian Signal at Kingsway and Olive Ave  
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meet the warrant for a pedestrian signal. At that time, signs were installed to try to reinforce the use of the adjacent signalized intersections at Kingsway and Patterson and at Kingsway and Wilson.

The most recent review has shown that pedestrians crossing Kingsway at Olive have increased, peaking at over 60 crossings during the morning rush hour. Proximity to bus stops along Kingsway, walkways to the residential neighbourhood to the north and the Patterson SkyTrain Station to the south are all contributing to this increase. In addition, general population growth has increased both vehicular and pedestrian traffic to the area. The new data reveals that a pedestrian signal is warranted according to Transportation Association of Canada (TAC) guidelines. Therefore the installation of a pedestrian signal at Kingsway and Olive is now recommended.

The signal is estimated to cost about \$220,000 (inclusive of HST) and funding is available from the Traffic Management component of the 2013 Provision Capital Program. Upon approval, the signal will be scheduled for installation later this year.

Barry Davis, P.Eng.  
ACTING DIRECTOR ENGINEERING

EJ/br  
Attachment

Copied: City Manager