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**TRAFFIC SAFETY COMMITTEE**

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*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: WINSTON STREET AT PIPER AVENUE / PROPOSED SPECIAL  
PEDESTRIAN CROSSWALK**

**RECOMMENDATION:**

1. THAT the marked crosswalk at Winston Street and Piper Avenue be upgraded to a "Special Crosswalk" with backlight overhead signing supplemented by flashing amber lights activated by pedestrians.

**REPORT**

The Traffic Safety Committee, at its meeting held on 2006 April 04, received and adopted the *attached* report providing an information concerning a request for a Special Pedestrian Crosswalk.

Respectfully submitted,

Councillor N. Volkow  
Chair

Councillor S. Dhaliwal  
Vice Chair

Councillor G. Evans  
Member

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

**DATE:** 2006 March 06

**FROM:** ASSISTANT DIRECTOR ENGINEERING,  
TRAFFIC AND ENGINEERING SYSTEMS

**FILE:** 38000-03

**SUBJECT:** WINSTON ST AT PIPER AVE/PROPOSED SPECIAL PEDESTRIAN  
CROSSWALK

**PURPOSE:** To provide the Committee with information concerning a request for a Special Pedestrian Crosswalk.

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**RECOMMENDATION:**

1. **THAT** the marked crosswalk at Winston St and Piper Ave be upgraded to a “Special Crosswalk” with backlight overhead signing supplemented by flashing amber lights activated by pedestrians.

**REPORT**

We have received concerns regarding the adequacy of the existing pedestrian control at Winston St and Piper Ave. At present there is a marked crosswalk at the intersection.

Staff has gathered data on vehicle volume and pedestrian demand at the Winston St and Piper Ave crosswalk to determine what level of protection is warranted in accordance with the TAC “Pedestrian Crossing Manual” guidelines. The number of pedestrians relative to the availability of safe crossing opportunities (gaps in traffic) indicates that a marked crosswalk addresses crossing needs for much of the day but during the morning peak between 7:00am to 9:00am a special crosswalk would be desirable at the intersection. The special crosswalk bridges the gap between a marked crosswalk and a pedestrian signal. A special crosswalk typically incorporates overhead crosswalk signing that is back lighted with additional down lighting of the crosswalk. Bracketing the overhead signs are amber lights which flash when activated by a waiting pedestrian. The flashing lights are intended to improve the motorists’ awareness of waiting pedestrians which is especially useful at this intersection due to it being a heavily treed area.

To: Traffic Safety Committee  
From: Asst. Dir. Eng., Traffic and Engineering Systems  
Re: WINSTON ST AT PIPER AVE/PROPOSED  
SPECIAL PEDESTRIAN CROSSWALK  
2006 March 06..... Page 2

## CONCLUSION

For the intersection of Winston St and Piper Ave staff is recommending that a "Special Pedestrian Crosswalk" be installed to improve pedestrian service. The number of pedestrians indicates a need for this type of crosswalk. Cost of installation will be \$50,000. If approved, the funding will be included in the 2007 Provisional Financial Plan under Traffic Management.



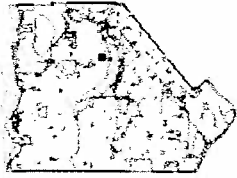
Peeter Liivamagi, P.Eng.  
ASSISTANT DIRECTOR ENGINEERING,  
TRAFFIC AND ENGINEERING SYSTEMS

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Copied to: City Manager

# PROPOSED SPECIAL CROSSWALK ON WINSTON STREET AND PIPER AVENUE

March 23, 2006



- Selected Features
- Boundary
- Parkland
- Acquired (cont)
- Parks
- Colour 2002
- Hydrology
- Freeway
- Aerial
- Collector
- Residential
- Private
- Roads
- Speed Humps
- Traffic Signal
- Street Intersections
- Lot
- Addresses
- Skytrain Lines
- Skytrain Stations
- Sirata Units

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.

Map Scale  
1 : 750