

TRAFFIC SAFETY COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: LEFT TURN BAY ON CAMERON STREET AT BEAVERBROOK DRIVE

RECOMMENDATIONS:

1. THAT Council approve the installation of a painted left turn bay on Cameron Street at Beaverbrook Drive.
2. THAT Council send a copy of this report to Mr. Don Anderson, 7552 Tyndale Crescent, Burnaby, BC V5A 4K1.

REPORT

The Traffic Safety Committee, at its meeting held on 2012 February 07, received and adopted the *attached* report to review a request for a left turn bay on Cameron Street at Beaverbrook Drive.

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 January 24

FROM: DIRECTOR ENGINEERING

FILE: 38000 12
Ref: Road Markings

SUBJECT: LEFT TURN BAY ON CAMERON ST AT BEAVERBROOK DR

PURPOSE: To review a request for a left turn bay on Cameron St at Beaverbrook Dr.

RECOMMENDATIONS:

1. **THAT** the Committee recommend to Council the installation of a painted left turn bay on Cameron St at Beaverbrook Dr.
2. **THAT** a copy of this report be sent to Mr. Don Anderson, 7552 Tyndale Cres, Burnaby, BC V5A 4K1.

REPORT

BACKGROUND

At the Traffic Safety Committee meeting on 2011 November 01, correspondence from Mr. Don Anderson was received suggesting the installation of a painted left turn bay for westbound traffic on Cameron at Beaverbrook. He cited concerns about left turning motorists at the intersection inadvertently blocking westbound through traffic on Cameron. Staff undertook to investigate and report back to the Committee.

DISCUSSION

The intersection of Cameron and Beaverbrook is a signalized intersection composed of three legs as shown on *Figure 1*. The south eastern leg is the portion of Cameron St that is designated as a major collector. The northerly leg is Beaverbrook Dr (also designated as a major collector) which connects directly to the south eastern leg of Cameron St. The western leg is the portion of Cameron St that is designated as a local street. The local street tees into the major collector route of Cameron-Beaverbrook.

The majority of traffic at the intersection travels along Beaverbrook and the south easterly portion of Cameron. The total number of past collisions at the intersection was found to be relatively low, however, a majority of incidents were related to left-turning movements. A field

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From: Director Engineering
Re: Left turn Bay on Cameron at Beaverbrook
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review found that the addition of a left turn bay may help to improve safety by channelizing traffic through the intersection and preventing confusion or potential blockages by left turners.

A painted left turn bay accommodating approximately 4 vehicles can be installed without any road widening, signal modifications or impact to through vehicle movements. Approximately one existing parking space would need to be removed from the west side of Beaverbrook Dr.

Figure 1



Given the benefits of a painted left turn bay and no significant negative implications as noted above, it is recommended that a painted left turn bay for westbound traffic be installed at the intersection of Cameron and Beaverbrook. The proposed left turn bay is shown in Figure 1. If approved, the installation will be scheduled for Spring 2012 when weather conditions are better. Funding for the work is available from the 2012 operating budget.



Lambert Chu, P. Eng.
DIRECTOR ENGINEERING

DL/MPR/br

Attachment

Copied to: City Manager