

**TRAFFIC SAFETY COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: 2010 CURB BULGES – PHASE 1**

**RECOMMENDATIONS:**

1. THAT Council approve the appropriation of Gaming Funds in the amount of \$105,000 (inclusive of 5% GST) for the installation of permanent curb bulges.
2. THAT Council forward a copy of this report to the Finance and Civic Development Committee for information.

**REPORT**

The Traffic Safety Committee, at its Open meeting held on 2010 January 12, received and adopted the *attached* report seeking replacement of interim rubber curb bulges with permanent curb bulges.

Respectfully submitted,

Councillor S. Dhaliwal  
Chair

Councillor C. Jordan  
Vice Chair

Councillor P. McDonell  
Member

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

**DATE:** 2010 January 05

**FROM:** DIRECTOR ENGINEERING

**FILE:** 38000 05  
*Ref: Medians/Islands*

**SUBJECT:** 2010 CURB BULGES – PHASE 1

**PURPOSE:** Replacement of interim rubber curb bulges with permanent curb bulges

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#### RECOMMENDATIONS:

1. **THAT** the Committee recommend that Council approve the appropriation of Gaming Funds in the amount of \$105,000 (inclusive of 5% GST) for the installation of permanent curb bulges.
2. **THAT** Council forward a copy of this report to the Finance and Civic Development Committee for information.

### REPORT

#### 1. BACKGROUND

Interim rubber curb bulges have been installed throughout Burnaby over the last ten years. *Attached* Figure 1 shows a typical application on Duthie Ave at Montecito School. The rubber curbs were first used as temporary, inexpensive control measures to quickly upgrade school crossing areas. They have been successful in enhancing the crosswalk and have been well received by the schools in which they were installed. This led to further installations at many other locations.

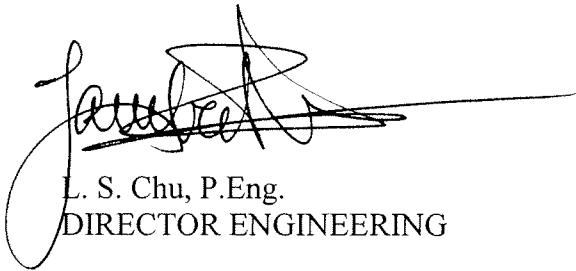
#### 2. DISCUSSION

In general, curb bulges are viewed as valuable traffic safety devices. Their benefits include enhancing the visibility of the crosswalk, reducing the crossing width for pedestrians and providing traffic calming by narrowing down the width of the travel lane. Upgrading all interim rubber curb bulges to a finished standard with concrete curbs is recommended. This would help reduce maintenance costs and improve effectiveness and aesthetics. *Attached* Figure 2 shows an example of a permanent curb bulge at the intersection of Humphries St and Imperial St.

To: Traffic Safety Committee  
From: Director Engineering  
Re: Curb Bulges  
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There are 12 locations where the interim rubber curb bulges are proposed to be replaced with permanent concrete bulges. The estimated total cost is \$210,000. In line with the 2010 Capital budget objectives, it is recommended that the proposed upgrades be carried out in a phased program. For 2010, it is proposed that 5 to 6 of the 12 locations be selected for upgrades at a cost of \$105,000 inclusive of GST. The remaining work will be included in a subsequent phase in 2011 subject to separate Council approval. These improvements are eligible for ICBC cost sharing which will be pursued to help offset some of the costs.

The \$105,000 required for the Phase 1 program is included in the 2010 Provisional Capital Plan – Engineering, Traffic Management. It is also recommended that the required funds be provided from the Gaming Funds account.



L. S. Chu, P.Eng.  
DIRECTOR ENGINEERING

DL/br  
Attachments  
Copied to: City Manager  
Director Finance



Figure 1



Figure 2