
FINANCE AND CIVIC DEVELOPMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**SUBJECT: ALTERNATE STREET DESIGN DEMONSTRATION PROJECT - 4700
BLOCK WATLING STREET**

RECOMMENDATIONS:

1. THAT Council approve the allocation of \$475,000 (inclusive of 12% HST) from Gaming Fund for the Alternate Street Design Project on 4700 block Watling Street, as discussed in this report.
2. THAT Council send a copy of this report to the Environment Committee for information.

REPORT

The Finance and Civic Development Committee, at its meeting held on 2012 June 28, received and adopted the *attached* report seeking funding approval to proceed with the Alternate Street Design Demonstration Project on 4700 block Watling Street. This proposed demonstration project is located within Byrne Creek Watershed, and provides an opportunity to integrate elements such as permeable or porous pavement and infiltration swales into urban neighbourhood roads, which will benefit in reduced quantity of rainwater run-off discharging directly into the storm sewer, improved quality of rainwater getting into streams, increased community awareness and support of better urban run-off management practices.

Respectfully submitted,

Councillor D. Johnston
Chair

Councillor C. Jordan
Vice Chair

Councillor P. McDonell
Member

Copied to:	City Manager Director Engineering Director Finance
------------	--

TO: CHAIR AND MEMBERS
FINANCE AND CIVIC DEVELOPMENT
COMMITTEE

DATE: 2012 June 19

FROM: DIRECTOR ENGINEERING

FILE: 31000 40

SUBJECT: ALTERNATE STREET DESIGN DEMONSTRATION PROJECT - 4700
BLOCK WATLING ST

PURPOSE: To seek funding approval from the Committee and Council to proceed with the Alternate Street Design Demonstration Project on 4700 block Watling St.

RECOMMENDATIONS:

1. **THAT** the Committee recommend Council to:
 - a. Approve the allocation of \$475,000 (inclusive of 12% HST) from Gaming Fund for the Alternate Street Design Project on 4700 block Watling St as discussed in this report;
 - b. Send a copy of this report to the Environment Committee for information.

REPORT**1.0 INTRODUCTION**

On 2010 November 15 Council authorized staff to proceed with the design phase of alternate street demonstration project on 4700 block Watling St (see *Attachment #1*). The design phase has been completed. This report seeks funding approval to proceed with the implementation of the Alternate Street Design Demonstration Project on 4700 block Watling St.

2.0 DISCUSSION

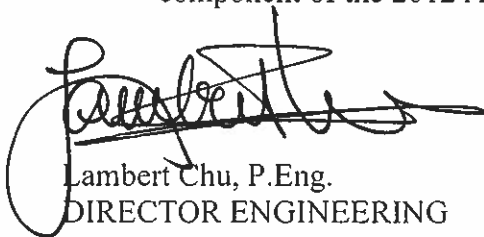
Alternate street design provides an opportunity to integrate elements such as permeable or porous pavement and infiltration swales into urban neighbourhood roads. The benefits of alternate street design include reduced quantity of rainwater run-off discharging directly into the storm sewer, improved quality of rainwater getting into streams, softer street edges, increased community awareness and support of better urban run-off management practices.

To: Finance and Civic Development Committee
From: Director Engineering
Re: ALTERNATE STREET DESIGN DEMONSTRATION
PROJECT - 4700 BLOCK WATLING STREET
2012 June 19 Page 2

The proposed demonstration project on 4700 block Watling St is located within Byrne Creek Watershed, a watershed in which the City has invested significantly to protect the creek itself and the surrounding natural habitat. The alternate street design for Watling St comprises of porous road surface and incorporates infiltration swales on both sides of the road with a sidewalk on the north side of the road. The infiltration swales will be planted with hardy native plants to assist in removal of urban road contaminants in the rainwater run-off. Maintenance of the plants will be the responsibility of adjoining residents. Sufficient visitor parking is accommodated in the design and current driveway crossings have been maintained. Monitoring of the run-off will be undertaken on the project by the City to determine its performance.

As a part of the consultation, staff mailed out an information package to the nine owner / tenant residential properties fronting 4700 block Watling St. An Open House was held on 2012 April 16 at Clinton St Elementary School to seek input from the residents on the alternate street design. In general, a strong support was received from the residents to proceed with the project as designed.

The estimated cost of the proposed project and contract administration is \$475,000 inclusive of 12% HST. Subject to Council approval of the fund allocation, staff would submit a further report to Council to recommend contract award. Sufficient Gaming Funds are available and these expenditures are included in the Road Special Projects component of the 2012 Annual Financial Plan.



Lambert Chu, P.Eng.
DIRECTOR ENGINEERING

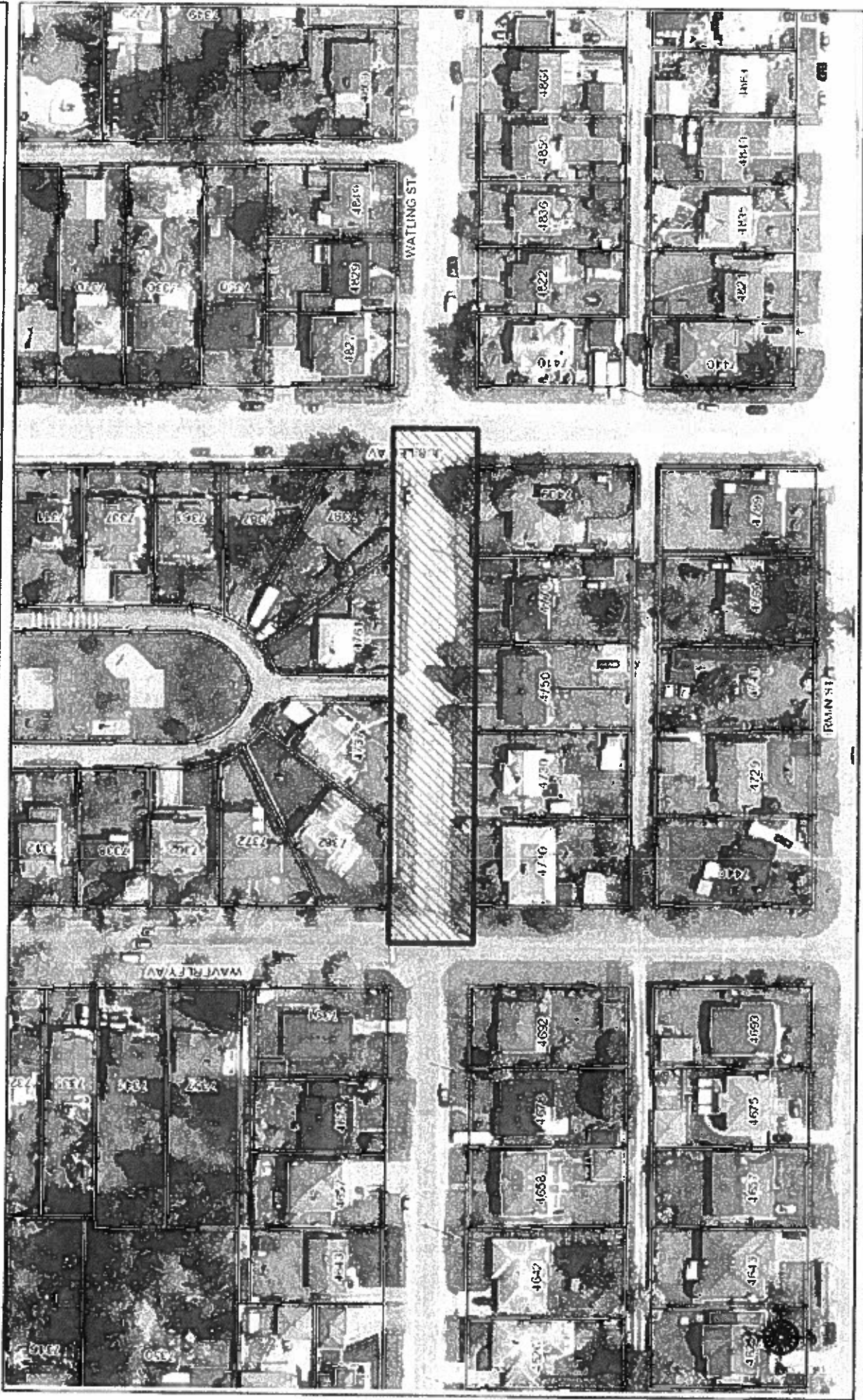
DD:br

Attachment

Copied to: City Manager
Director Finance



Attachment 1



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.

Alternate Street Design Pilot Project - 4700 Block Waiting Street

