

ENVIRONMENT COMMITTEE**D**

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: ALTERNATE STREET DESIGN

RECOMMENDATIONS:

1. THAT Council approve the selection of Clinton Street from Hedley Avenue west to the end of the cul-de-sac as the demonstration site for the alternate street design project.
2. THAT Council authorize staff to initiate a local consultation process with residents living within the demonstration project site.
3. THAT staff report back to the Committee and Council upon the completion of the consultation and detailed design programs.

REPORT

The Environment Committee, at its Open meeting held on 2007 February 13, received and adopted the *attached* report regarding an alternate street design demonstration project site.

Based on the results of a technical evaluation, the Committee noted that the 6300 – 6500 block of Clinton Street from Hedley Avenue west to the cul-de-sac is an excellent location for the demonstration project.

Respectfully submitted,

Councillor Dan Johnston
Chair

Councillor Pietro Calendino
Vice Chair

Councillor Lee Rankin
Member

:COPY – CITY MANAGER
DIRECTOR PLANNING & BUILDING
DIRECTOR ENGINEERING

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2007 February 06

FROM: DIRECTOR ENGINEERING

SUBJECT: ALTERNATE STREET DESIGN

PURPOSE: To seek Committee and Council approval in principle to complete the detailed design and to initiate a resident consultation process based on the recommended demonstration project site as outlined in this report.

RECOMMENDATION:

1. **THAT** The Committee recommend to Council that:
 - a. Clinton Street from Hedley Avenue west to the end of the cul-de-sac be selected as the demonstration site for the alternate street design project;
 - b. Staff be authorized to initiate a local consultation process with residents living within the demonstration project site; and
 - c. Staff report back to the Committee and Council upon the completion of the consultation and detailed design programs.

REPORT**1.0 BACKGROUND**

In December 2003, Council approved a report from the Environment Committee that outlined a 3-Phase pilot project to investigate an alternate street design concept to improve roadway stormwater management.

The pilot project included the following phases:

- Phase 1 – Feasibility study to develop design concept
- Phase 2 – Detailed design and site selection for the pilot project
- Phase 3 – Implementation to advance the project to construction

In March 2006, Council received a further report from the Committee on the completion of the Phase 1 program and authorized staff to proceed to Phase 2 that included selection of a demonstration site and preparation of a detailed design.

In the March 2006 report to Council, staff presented the Byrne Creek watershed as a premier environmental asset in the City and recommended the Byrne Creek watershed to be the host watershed for the pilot project.

The purpose of this report is to present a recommendation on the proposed street (site) for the pilot project and the proposed resident consultation process, and to seek Council approval of the recommendation.

2.0 PROJECT PROGRESS

With Council's approval to proceed to Phase 2 program, staff has undertaken a review of existing streets within the Byrne Creek watershed which may be appropriate as the demonstration site for the project. The streets were evaluated based on the following selection criteria:

- Land use and access
- Roadway conditions and configuration
- Existing drainage and utilities condition
- Environmental conditions (proximity to watercourses, linkage to existing park and green area)
- Road gradient and traffic conditions

The evaluation was conducted by staff and the project consultants with input from the watershed streamkeeper.

Based on the results of the technical evaluation, staff is recommending that the 6300-6500 block of Clinton Street from Hedley Avenue west to the cul-de-sac be selected as the demonstration site for the pilot project (Figure 1). The recommended site is located in a single family residential area in close proximity to Byrne Creek and is an excellent location for the demonstration project.

3.0 NEXT STEPS

Prior to proceeding with the detailed engineering design, staff is seeking Council approval of the Clinton Street demonstration site and the following tasks:

- a. Staff to hold a consultation process with property owners/residents in the 6300-6500 blocks of Clinton Street to provide the residents with a clear understanding of the goal, objectives and scope of the project and to seek input and support from the residents
- b. Should staff be unable to obtain a strong support from the residents in the project area, further public consultation would be conducted with residents on the following alternate streets that are considered as secondary candidate sites.
 - Carson Street, Royal Oak Avenue to McGregor Avenue
 - Watling Street, Nelson Avenue to Waverly Avenue

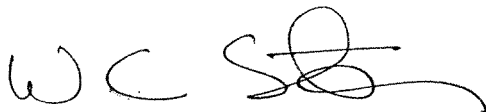
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- c. Staff to prepare detailed design for the pilot project based on the results of the consultation process.
- d. Upon completion of the above, staff to bring a report back to the Committee and Council providing further details of the project and budget requirement for Council consideration and approval. This pilot project is included in the 2007 Provisional Capital Budget.

4.0 CONCLUSION

Alternate street design concept offers local and watershed scale environmental benefits through peak flow reduction, ground water recharge, pollutant loadings reduction and community education. This multi-phase approach approved by Council earlier provides the foundation of this project and lends itself to building a more environmentally friendly and sustainable City in the region.

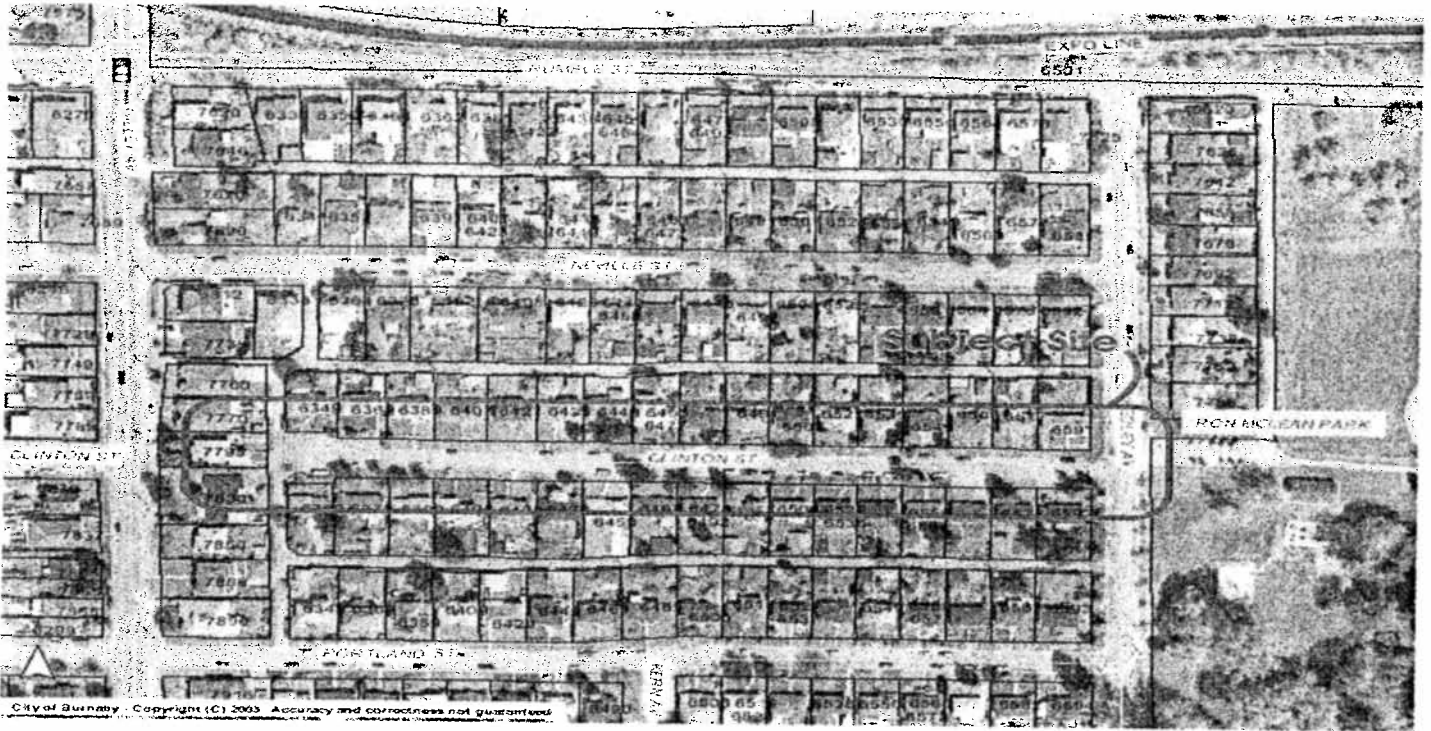
It is recommended that the action plan as outlined in section 3.0 in this report be approved.



W.C. Sinclair, P.Eng.
DIRECTOR ENGINEERING

DD:cg
Attachments

Copied to: City Manager
Director Planning and Building



Location Map



Photo of Existing Road

Figure 1
Proposed Project Demonstration Site
Clinton Street, Hedley Avenue – cul-de-sac