
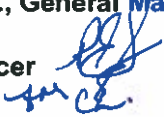


TO: Mayor J. Lehman and Members of Council

FROM: J. Weston, M.A.Sc., P. Eng., PMP, Director of Engineering 

NOTED: R. J. Forward, MBA, M.Sc., P. Eng., General Manager of Infrastructure & Growth Management
C. Ladd, Chief Administrative Officer 

RE: Bryne Drive (Caplan Avenue to Essa Road) Master Plan Update Addendum #1
Municipal Class Environmental Assessment Phases 1 and 2
Evaluation of Alternative Solutions
(T05-BR3)

DATE: April 25, 2016

The Engineering Department is completing Phases 1 and 2 of a Schedule C Municipal Class Environmental Assessment (Class EA) Study to determine the preferred alignment for the unopened portion of Bryne Drive between Caplan Avenue and Essa Road.

The public consultation process includes notifying the public, who requested to be kept informed of the Class EA process, of the recommendations prior to consideration by General Committee. To advise the concerned public of the staff recommendations that will be contained in the staff report, the attached letter will be distributed. To ensure that Council has the information at the same time as the public, this memo has been provided with a copy of the letter.

The Phase 1 and 2 Class EA Report, which contains details of the alternative solutions, will be available in the Councillors' Lounge for review on April 24, 2016. A PDF version of the Class EA report is available on the City of Barrie web page at www.barrie.ca/eastudies, then scrolling down to the Bryne Drive Master Plan Update section.

If there are any questions, please contact Ralph Scheunemann at extension 4782, or e-mail Ralph.Scheunemann@barrie.ca.



J. Weston, M.A.Sc., P. Eng., PMP
Director of Engineering

ATTACHMENT #1

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THE CORPORATION OF THE CITY OF BARRIE
Engineering Department
"Committed to Total Service Excellence"

April 21, 2016.

File: T05-BR3

To All Area Residents / Business Owners / Tenants / Agencies:

**Re: Bryne Drive (Caplan Avenue to Essa Road) Master Plan Update Addendum #1
Municipal Class Environmental Assessment Phases 1 and 2
Evaluation of Alternative Solutions**

The Engineering Department has updated Phases 1 and 2 of the Municipal Class Environmental Assessment (Class EA) Study for Bryne Drive to reassess the alignment for the unopened portions of Bryne Drive between Caplan Avenue and Essa Road (see attached Figure 1 for Study Area). This letter is to advise you of the progress that has been made on this study and the upcoming activities.

The Bryne Drive Master Plan Update was put on hold in 2010 to allow the completion of the Multi-Modal Active Transportation Master Plan (MMATMP) and the Harvie Road / Big Bay Point Road / Highway 400 Phase 3 & 4 Class EA (Harvie EA). On December 2, 2013, City Council adopted Motion 13-G-289 associated with the MMATMP which recommended five lanes on Bryne Drive between Essa Road and Caplan Avenue. On October 5, 2015, City Council adopted Motion 15-G-200 associated with the Harvie EA and the preferred design solution included a five lanes crossing over Highway 400 and protection of land for a potential future Highway interchange which is subject to a future Class EA study.

A Public Information Centre (PIC) was held on Thursday August 21, 2008 in Huronia Room B - 2nd Floor City Hall. The public was invited to attend the PIC to review and provide comments on the proposed alternative solutions which have been summarized below (see attached Figure 2 for alignment alternatives presented at the PIC).

Alternative 1 - Do Nothing (Direct Future Traffic onto Surrounding Streets)

Under this alternative, existing and future traffic would be required to use existing roadways such as Highway 400, Mapleview Drive West, Veteran's Drive and Essa Road.

Alternative 2 - Original December 2005 Class EA Alignment

This Alternative is the five-lane roadway alignment that was previously outlined in the December 2005 Class EA.

Alternative 3 – Central Alignment

This five-lane roadway alignment is located approximately 180 m (measured along Harvie Road) west of Alternative 2. The southern half begins part way along existing Bryne Drive just east of Princess Auto, which is north of Caplan Avenue and extends north to Harvie Road just west of the existing satellite dishes. The alignment would require a crossing of the existing Whiskey Creek stormwater management pond berm.

Alternative 4 – Western Alignment – 90° Crossing of Harvie Road

This five-lane roadway alignment is located approximately 260 m (measured along Harvie Road) west of Alternative 2 and is otherwise similar to Alternative 3.

Alternative 5 – Western Alignment – Angled Crossing of Harvie Road

This five-lane roadway alignment is similar to Alternative 4 except the intersection proposed at Harvie Road includes a deflection angle of 70°.

ENGINEERING DEPARTMENT

File: T05-BR3

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Bryne Drive (Caplan Avenue to Essa Road) Master Plan Update Addendum #1

April 21, 2016

The areas of concerns expressed during the public consultation process included the following:

- impact to development of adjacent lands
- impact to Whiskey Creek
- structural adequacy of storm pond berm
- impact to potential future interchange
- impact to residential areas

Based on the comments received, the public and agencies preferred a realigned alternative that minimizes impact on the natural environment, existing residential areas and is compatible with future development. In consideration of all concerns raised through review agencies and public comments, the recommended preferred alternative alignment is a modified version of Alternative 3 (Alternative 3R). Alternative 3R has a slight westerly alignment shift north of Harvie Road, over Alternative 3, making it more acceptable for future development in that area.

A PDF version of the Class EA report is available on the City of Barrie web page at www.barrie.ca/eastudies, then scrolling down to the Bryne Drive Master Plan Update section. The preferred alternative drawings can be reviewed in Appendix B of the Class EA report.

A paper copy of the Class EA report is available for review at the following locations during regular business hours:

City of Barrie
Clerk's Office
City Hall, 1st Floor
70 Collier Street
Barrie, ON L4M 4T5

City of Barrie
Engineering
City Hall, 6th Floor
70 Collier Street
Barrie, ON L4M 4T5

Barrie Public Library
Downtown
Information Desk
60 Worsley Street
Barrie, ON L4M 1L6

Barrie Public Library
Painswick Branch
Information Desk
48 Dean Avenue
Barrie, ON L4N 0C2

Staff recommendation associated preferred Alternative 3R will be presented to General Committee for endorsement on May 2, 2016. General Committee's recommendations may be approved by City Council on May 9, 2016. Request for deputations to Council can be made in writing to the City Clerks' Office up to Wednesday May 4, 2016. Subject to Council endorsement of General Committee's recommendation, the City of Barrie will proceed with Phases 3 and 4 of the Schedule "C" Municipal Class EA by retaining a consultant to develop and evaluate various design alternatives, hold another PIC, complete the Class EA Report and file a Notice of Completion.

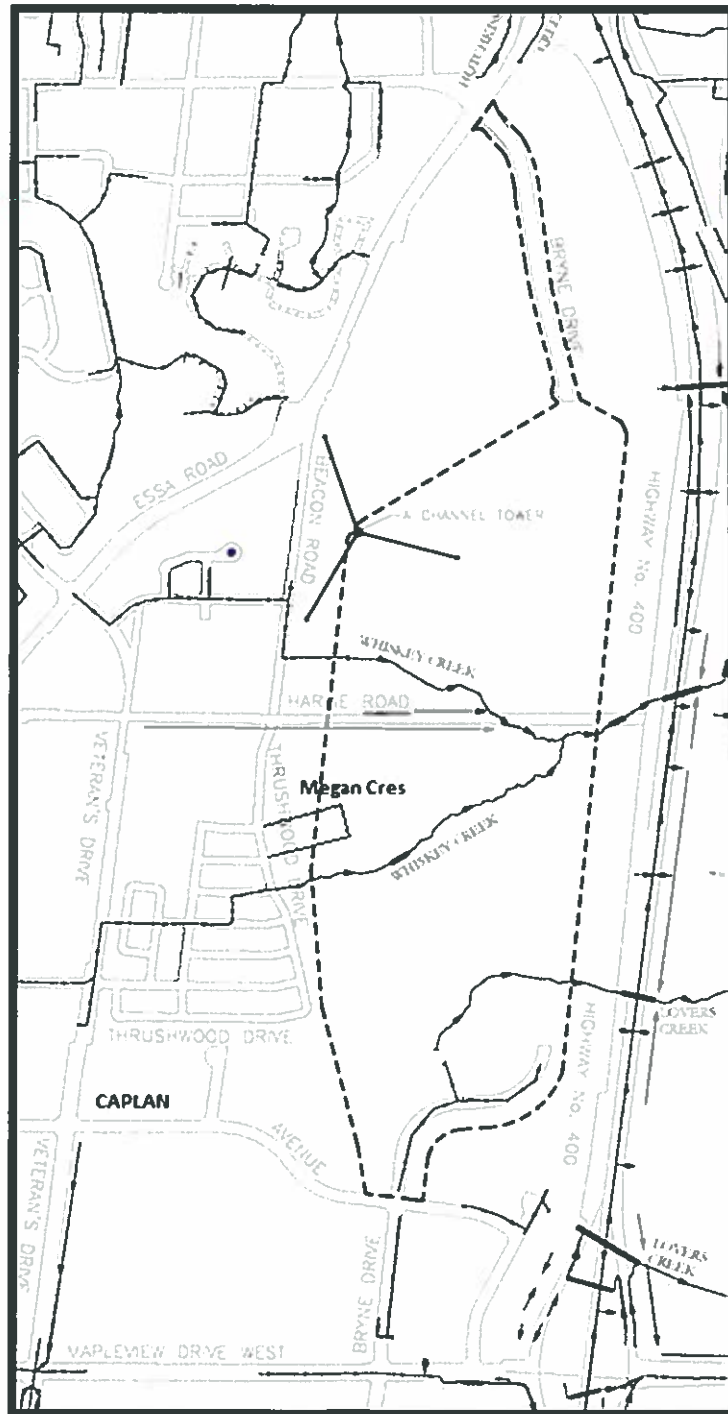
If you have any questions and/or concerns, please feel free to contact the undersigned at (705) 739-4220, extension 4782, or by e-mail at Ralph.Scheunemann@barrie.ca.

Yours truly,



Ralph Scheunemann, P. Eng.
Senior Infrastructure Planning Engineer

Figure 1 – Map of Study Area



LEGEND

STUDY AREA BOUNDARY - - - -

Figure 2 – Alternative Alignments

