

Highway 400 Improvements from 1 km South of Highway
89 to the Junction of Highway 11

Appendix D - Relevant Correspondence

**Notice of Study Commencement
March 2014**

**ONTARIO GOVERNMENT NOTICE
NOTICE OF STUDY COMMENCEMENT
HIGHWAY 400 IMPROVEMENTS FROM 1 KM SOUTH OF
HIGHWAY 89 TO THE JUNCTION AT HIGHWAY 11 – W.O. #06-20016
PRELIMINARY DESIGN & CLASS ENVIRONMENTAL ASSESSMENT STUDY**

THE PROJECT

URS Canada has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. Reasonable alternatives to address the required improvements will be developed and evaluated leading to the selection of a preferred alternative(s). The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County.

THE PROCESS

This study is following the approved planning process for a Group 'B' project under the MTO *Class Environmental Assessment (EA) for Provincial Transportation Facilities* (2000). A Transportation Environmental Study Report (TESR) was previously prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00).

A Public Information Centre (PIC) will be held during the study to provide interested parties with the opportunity to discuss the project and provide input to the Project Team.

A TESR Addendum will be made available for a 30-day public and agency review period at the completion of the study in the event that any significant changes to the recommended plan and impacts outlined in the April 2004 TESR are identified. The TESR Addendum would document the details of the recommended plan, environmental effects, proposed mitigation measures, and a summary of consultation undertaken throughout the study. Notification of the time and location of the PIC and of the availability of the TESR Addendum for review will be published in local newspapers and mailed to those on the study mailing list.

COMMENTS

To obtain additional information, provide comments, or to be placed on the study mailing list, please contact the Project Team as follows:

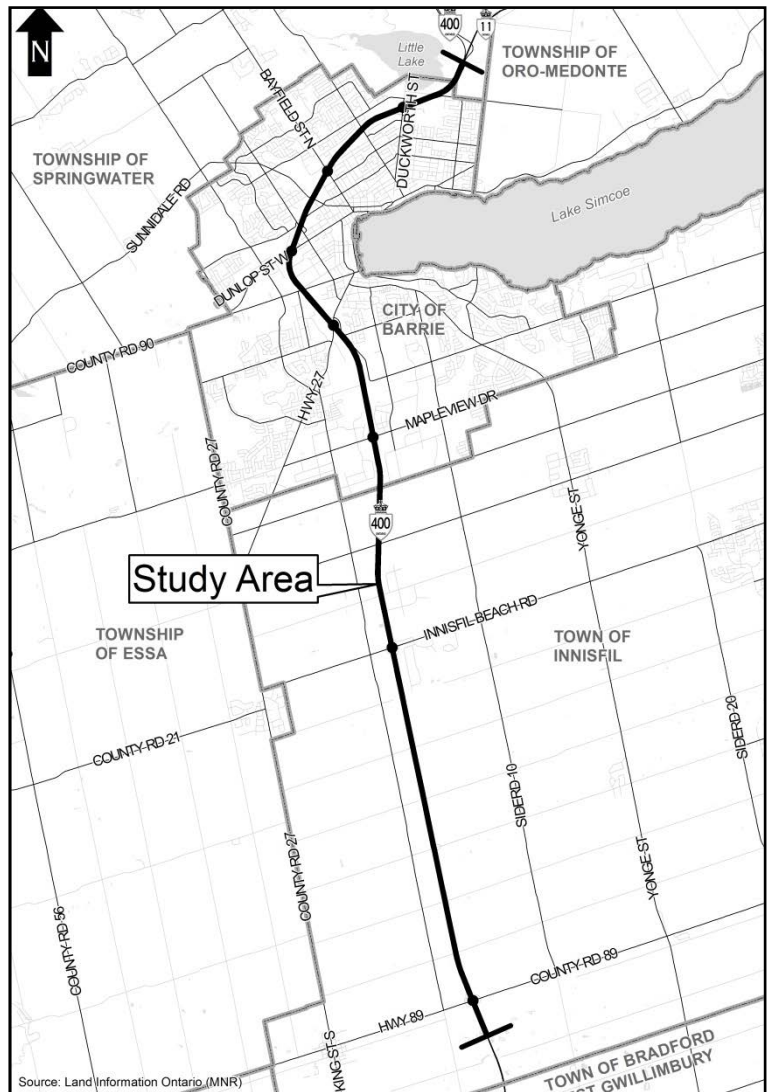
Tim Sorochinsky, P. Eng
Consultant Project Manager
URS Canada Inc.
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905-882-4401
Fax: 905-882-4399
Email: tim.sorochinsky@urs.com

Tyler Drygas, B.A.A
Consultant Senior Environmental Planner
URS Canada Inc.
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905-882-4401
Fax: 905-882-4399
Email: tyler.drygas@urs.com

Justin White, P. Eng.
Project Engineer
Planning & Design, York Simcoe
Ministry of Transportation
Building D, 4th Floor, 1201 Wilson Avenue
Downsview, ON M3M 1J8
Tel: 416-235-5609
Fax: 416-235-3576
Email: justin.white@ontario.ca

Or visit us at: <http://highway400improvements89to11.ca>

There is an opportunity at any time during the study for interested persons to provide input to the Project Team regarding the study. Comments are being collected to assist MTO in meeting the requirements of the *Ontario Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.



Ministry of Transportation

Highway Engineering –
Toronto & Durham
Central Region

4th Floor, Building D
1201 Wilson Avenue
Downsview, ON M3M 1J8
Tel.: 416-235-5573
Fax: 416-235-3576

Ministère des Transports

Génie Routier –
Toronto et Durham
Région du Centre

4e étage, édifice D
1201 avenue Wilson
Downsview, ON M3M 1J8
Tél.: 416-235-5573
Télééc. 416-235-3576



Final Aboriginal Communities Letter

March 31, 2014

«Name»

«Organization»

«Address»

Dear «Greeting»:

**RE: Notice of Study Commencement
Highway 400 Improvements from 1 km South of Highway 89 to Highway 11
(G.W.P. 06-20016)
Preliminary Design and Class Environmental Assessment Study
Town of Innisfil, City of Barrie, and Township of Springwater within Simcoe County
Ontario Ministry of Transportation (MTO)**

The Ontario Ministry of Transportation (MTO) has retained URS Canada Inc. to undertake a Preliminary Design Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. Reasonable alternatives to address the required improvements will be developed and evaluated leading to the selection of a preferred alternative(s). The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County (refer to the enclosed "Notice of Study Commencement").

This study is following the approved planning process for a Group 'B' project under the *MTO Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*. A Transportation Environmental Study Report (TESR) was previously prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00). A TESR Addendum will be made available for a 30-day public and agency review period at the completion of the study in the event that any significant changes to the recommended plan and impacts outlined in the April 2004 TESR are identified. The TESR Addendum would document the details of the recommended plan, environmental effects, proposed mitigation measures, and a summary of consultation undertaken throughout the study.

The opportunity for public input will be provided throughout the course of the project. A Public Information Centre (PIC) will be held for the study to provide interested parties with the opportunity to discuss the project and provide input to the project team. The PIC will focus on existing conditions, alternatives developed to address the needs of the Highway 400 corridor, the preferred alternative(s), the evaluation and selection of the preferred alternative(s), the recommended plan, as well as proposed mitigation measures to minimize potential environmental impacts. Notification, advising of the time and location of the PIC and of the availability of the TESR Addendum for review, will be published in local newspapers.

The purpose of this letter is to notify you of the commencement of this study, and to inquire if your community has an interest in this study. We also welcome the opportunity to meet with you to discuss this project.

As part of this study, a Stage 2 Archaeological Assessment will be undertaken. Should any archaeological remains be encountered you will be notified. The Project Team will also be conducting a natural sciences review of the study area. Background information relating to natural heritage features will be collected to characterize the vegetation communities, fish and fish habitat, as well as wildlife and wildlife habitat (including Species at Risk). A Fish and Fish Habitat Report and Terrestrial Ecosystems Report will be prepared to support the generation and evaluation of alternative(s) and will document potential impacts and proposed mitigation measures.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me by phone at 416-235-5609 or by e-mail at justin.white@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange a meeting at your earliest convenience.

Yours truly,
Ministry of Transportation

Justin White, P. Eng.
Project Engineer

Cc. S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - URS Project Manager
K. Cooper - URS Deputy Project Manager
T. Drygas - URS Consultant Senior Environmental Planner
H. Wright - URS Project Environmental Planner

Encl. Notice of Study Commencement



Final MP/MPP Letter

March 31, 2014

«Name»

«Organization»

«Address»

Dear «Greeting»:

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URS Canada Inc.
4th Floor, 30 Leek Crescent
Richmond Hill, ON Canada L4B 4N4
Tel: 905.882.4401
Fax: 905.882.4399
www.urs.ca



The purpose of this letter is to notify your office of project commencement. The enclosed “Notice of Study Commencement” will appear in the *Alliston Herald*, *Barrier Examiner* and the *Barrie Advance* on Thursday April 3, 2014 and in the *Innisfill Scope* on Wednesday April 2, 2014.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me via telephone at (905-747-1758) or via email (tyler.drygas@urs.com). You may also contact the MTO Project Engineer, Justin White, via telephone (416-235-5609) or email (justin.white@ontario.ca).

Yours truly,
URS Canada Inc.

Tyler Drygas, B.A.A.
Consultant Senior Environmental Planner

Cc. J. White - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - URS Project Manager
K. Cooper - URS Deputy Project Manager
H. Wright - URS Project Environmental Planner

Encl. Notice of Study Commencement



March 31, 2014

External Letter

«Name»

«Organization»

«Address»

Dear «Greeting»:

**RE: Notice of Study Commencement
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Tel: 905.882.4401
Fax: 905.882.4399
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The purpose of this letter is to notify your organization of project commencement. On the attached *Stakeholder Contact Information Form*, please indicate whether your organization has an interest in this project and who will act as our main contact. In order to assist us with our planning process, would you also please indicate if the above noted project will affect the delivery of your organization's programs or services. A reply by April 30, 2014 would be appreciated.

There is an opportunity at any time during the study for interested persons to provide input to the Project Team including comments and information regarding the study. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me via telephone at (905-747-1758) or via email (tyler.drygas@urs.com). You may also contact the MTO Project Engineer, Justin White, via telephone (416-235-5609) or email (justin.white@ontario.ca).

Thank you for your cooperation and assistance.

Yours truly,
URS Canada Inc.

Tyler Drygas, B.A.A.
Consultant Senior Environmental Planner

Cc. J. White - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - URS Project Manager
K. Cooper - URS Deputy Project Manager
H. Wright - URS Project Environmental Planner

Encl. Notice of Study Commencement



STAKEHOLDER CONTACT INFORMATION FORM

PLEASE E-MAIL / FAX BACK BY APRIL 30, 2014 TO: (905) 882-4399

1.) Does your organization wish to participate in this study and continue to receive notices of project activities and information as this study progresses? Yes No

2.) If your organization wishes to participate in this study, please provide contact information below for the individual who will act as the Project Team's main point of contact.

NAME: _____

TITLE: _____

DEPARTMENT: _____

ORGANIZATION: _____

MAILING ADDRESS: _____

PHONE NUMBER: _____

FAX: _____

E-MAIL ADDRESS: _____

3.) Please indicate if the above noted project will affect the delivery of your organization's programs or services, and/or any other relevant information in this regard.

Your information and comments will be kept on file for use during the study. Please submit this form to:

Submitted By: _____

Tyler Drygas
Consultant Senior Environmental Planner
URS Canada Inc.
30 Leek Crescent, 4th Floor
Richmond Hill, Ontario, L4B 4N4
Fax: (905) 882-4399
E-mail: tyler.drygas@urs.com



March 31, 2014

«Name»

«Address»

Dear «Greeting»:

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Yours truly,
URS Canada Inc.

A handwritten signature in black ink, appearing to read 'Tyler Drygas', with a horizontal line extending to the left.

Tyler Drygas,
Consultant Senior Environmental Planner

Cc. J. White - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - URS Project Manager
K. Cooper - URS Deputy Project Manager
H. Wright - URS Project Environmental Planner

Encl. Notice of Study Commencement

Group	Organization	Name
Aboriginal Community	Metis Nation of Ontario Head Office	Metis Consultation Unit
Aboriginal Community	Metis Nation of Ontario	James Wagar Supervisor, Lands and Resources
First Nation	Mississaugas of Scugog Island First Nation	Rhonda Coppaway
First Nation	Mississaugas of Scugog Island First Nation	Chief Kelly LaRocca
First Nation	Chippewas of Georgina Island First Nation	Chief Donna Big Canoe
First Nation	Chippewas of Mnjikaning	Chief Sharon Stinson Henry
First Nation	Hiawatha First Nation	Chief Greg Cowie
First Nation	Hiawatha First Nation	Councillor Lorne Potash
First Nation	Beausoleil First Nation (Christian Island)	Chief Roland Monague
First Nation	Alderville First Nation	Chief James R. Marsden
First Nation	Alderville First Nation	Dave Simpson Lands and Resources Communications Officer
First Nation	Alderville First Nation	Melanie Arthur Lakes & Resources Communications Clerk
First Nation	Curve Lake First Nation	Keith Knott
First Nation	Curve Lake First Nation	Councillor Ted Coppaway
First Nation	Curve Lake First Nation	Chief Phyllis Williams
First Nation	Williams Treaties First Nations	Karry Sandy-McKenzie Barrister/Solicitor and Coordinator
First Nation	Mississauga of New Credit	Chief Bryan LaForme
First Nation	Mississauga of New Credit	Ms. Margaret Sault
First Nation	Haudenosaunee Confederacy (Chiefs Council)	Hohahes Leroy Hill
First Nation	Ontario Native Affairs Secretariate	Sir/Madam
First Nation	Six Nations of the Grand River Territory	Chief Ava Hill
First Nation	Indian and Northern Affairs Canada	Sir/Madam Environmental Assessment
AANDC	Aboriginal Affairs and Northern Development Canada (AANDC)	Mei Ling Chen Environmental Assessment Coordination Unit
AANDC	Aboriginal Affairs and Northern Development Canada (AANDC)	Dale Pegg Manager, Consultation and Accommodation Unit, Consultation Information Service
AANDC	Aboriginal Affairs and Northern Development Canada (AANDC)	Allison Berman Regional Subject Expert for Ontario Consultation and Accommodation Unit Policy and Strategic Direction

Group	Organization	Name
MAA	Ministry of Aboriginal Affairs	David Pickles Team Lead Consultation Unit
MAA	Ministry of Aboriginal Affairs Aboriginal Relations & Ministry Partnerships Division	Heather Levecque Manager, Consultation Unit, Aboriginal Relationships and Ministry Partnerships
MP	York Simcoe	Peter Van Loan
MP	The City of Barrie	Patrick Brown
MP	Simcoe-Grey	Dr. Kellie Leitch
MPP	City of Barrie	Rod Jackson
MPP	Simcoe--Grey	Jim Wilson
MPP	York--Simcoe The City of Bradford West-Gwillimury	Julia Monro
External	Ministry of Tourism, Culture and Sport	Malcolm Horne Archaeology Review Officer
External	Ministries of Tourism, Culture and Sport	Rosi Zirger A/Heritage Planner
External	Lake Simcoe Region Conservation Authority	Tom Hogenbirk, P.Eng. Manager, Engineering and Technical Services
External	Lake Simcoe Region Conservation Authority	Bev Booth Manager of Planning
External	Lake Simcoe Region Conservation Authority	Mike Walters Watershed Director
External	Nottawasaga Valley Conservation Authority	Glenn Switzer Director of Engineering & Technical Services
External	Nottawasaga Valley Conservation Authority	David Featherstone Manager of Watershed Monitoring
External	Nottawasaga Valley Conservation Authority	Kyra Howes Manager of Lands and Operations
External	Nottawasaga Valley Conservation Authority	Chris Hibberd Director of Planning Services
External	Ministry of the Environment	Kevin Plautz Project Officer - Service Integration
External	Ministry of the Environment	Daniel Delaquis Environmental Resource Planner & Environmental Assessment Coordinator
External	Ministry of the Environment	Cindy Hood District Manager Barrie District Office
External	Ministry of the Environment	Shanon McNeil Environmental Resource Planner / EA Coordinator

Group	Organization	Name
External	Ministry of Agriculture and Food	Ray Valaitis Rural Planner
External	Ministry of Natural Resources	Amanda McLachlan District Planner
External	Canadian Environment Assessment Agency	Anjala Puvananathan Director, Ontario Region
External	Ministry of Municipal Affairs and Housing	Timothy Haldenby Planning Projects - Team Lead
External	Ministry of Municipal Affairs and Housing	Mark Christine Manager, Community Planning and Development
External	Ministry of Economic Development and Trade	Adrian Bradford Senior Business Development Specialist
External	Infrastructure Ontario	Adam Redish Director Growth Policy, Planning and Analysis
External	Ministry of Energy	Lynn Wong Issues Coordinator
External	Ministry of Health and Long - Term Care	Ruth Alves Coordinator, Government Support & Internal Communications - Corporate Services Division
External	Metrolinx/GO Transit	Malcolm Mackay
External	Simcoe County District School Board	Holly Spacek Planning Officer
External	Simcoe County Roman Catholic Separate School Board	Sir/Madam
External	Simcoe Muskoka Catholic District School Board	Kristin Dibble Pechkovsky, BES, MCIP Planning Officer, Planning Department
External	Simcoe County Student Transportation Consortium	Karen Miller Transportation Assisstant
External	Ontario Power Generation	Sir/Madam
External	CN Rail	Sir/Madam Engineering and Environmental Services
External	Ontario Realty Corporation	Julius Lindsay Reporting Specialist Professional Services
Municipal External	County of Simcoe	Chris Doherty Engineering Technician
Municipal External	County of Simcoe	Christian Meile Director, Transportation Maintenance
Municipal External	County of Simcoe	Deborah Korolnek General Manager of Engineering, Planning and Environment
Municipal External	County of Simcoe	Jim Hunter, P.Eng Director Transportation Construction

Group	Organization	Name
Municipal External	County of Simcoe	David Parks Director of Planning, Development and Tourism
Municipal External	County of Simcoe	Brenda Clark Clerk
Municipal External	County of Simcoe	Mark Aitken Chief Administrative Officer
Municipal External	Township of Oro-Medonte	Doug Irwin Director of Corporate Services/ Town Clerk
Municipal External	Township of Oro-Medonte	Andria Leigh Director of Development Services
Municipal External	Township of Oro-Medonte	Derek Witlib Manager, Planning Services
Municipal External	Township of Oro-Medonte	Jerry Ball Director Transportation & Environmental
Municipal External	Township of Oro-Medonte	Lisa McNiven Manager, Transportation Services
Municipal External	Township of Oro-Medonte	Fred MacGregor Manager, Environmental Services
Municipal External	Township of Oro-Medonte	Lynn Burness Transportation Services Assistant
Municipal External	City of Barrie	Dawn McAlpine City Clerk
Municipal External	City of Barrie	Jeff Lehman Mayor
Municipal External	City of Barrie	Richard Forward General Manager, Infrastructure & Growth Management
Municipal External	City of Barrie	Steven Naylor Director of Planning Department
Municipal External	City of Barrie	Jacqueline Weston Director of Engineering
Municipal External	Town of Bradford West Gwillimbury	Jay Currier Town Manager
Municipal External	Town of Bradford West Gwillimbury	Mike Disano Manager of Economic Development
Municipal External	Town of Bradford West Gwillimbury	Arup Mukherjee Director of Engineering Services
Municipal External	Town of Bradford West Gwillimbury	Rebecca Murphy Municipal Clerk
Municipal External	Town of Bradford West Gwillimbury	Frank Jonkman Drainage Superintendent / Project Manager
Municipal External	Town of Bradford West Gwillimbury	Angelina Devellis Engineering Services Administrative Assistant
Municipal External	Town of Bradford West Gwillimbury	Gavin Watson Manager of Development Engineering
Municipal External	Town of Bradford West Gwillimbury	Paul Feehely Superintendent of Public Works
Municipal External	Town of Bradford West Gwillimbury	Tami Kitay Senior Planner

Group	Organization	Name
Municipal External	Town of Innisfil	Tim Cane Manager of Land Use Planning
Municipal External	Town of Innisfil	Andy Campbell Director of Infrastructure
Municipal External	Town of Innisfil	Karen Fraser Acting Town Clerk
Municipal External	Town of Innisfil	Wayne Young Manager of Roads
Municipal External	Town of Innisfil	Grant Shellswell Manager of Engineering
Municipal External	Town of New Tecumseth	Cindy Maher Town Clerk/Administration Services
Municipal External	Town of New Tecumseth	Sir/Madam Director Planning and Development
Municipal External	Town of New Tecumseth	Chad Horan Director of Public Works
Municipal External	Town of New Tecumseth	Brendan Holly Deputy CAO/ Director of Technical Services
Municipal External	Township of Essa	Dan Perreault Manager of Public Works
Municipal External	Township of Essa	Colleen Healey Manager of Planning and Development
Municipal External	Township of Essa	Terry Dowdall Mayor
Municipal External	Township of Essa	Bonnie Sander Town Clerk
Emergency Services External	City of Barrie Fire Department	John Lynn Fire Chief
Emergency Services External	City of Barrie Police Department	Kimberley Greenwood Police Chief
Emergency Services External	County of Simcoe Administration Centre	Cathy Clark Manager of 911 & Emergency Planning
Emergency Services External	County of Simcoe Paramedic Services	Stephen Trafford Deployment & Planning Supervisor
Emergency Services External	County of Simcoe Paramedic Services	Andrew Robert Director & Chief, Paramedic Services
Emergency Services External	Simcoe County Paramedic Services	Peter Tozer Deputy Chief

Group	Organization	Name
Emergency Services External	South Simcoe Police	Richard Beazley Chief of Police
Emergency Services External	Town of Innisfill Fire Department	Tom Raeburn Deputy Fire Chief
Emergency Services External	South Simcoe Police Service	Allan Cheesman Deputy Chief of Police
Emergency Services External	Ontario Provincial Police	Paula Brown Planning Officer, Research Section
Emergency Services External	Ontario Provincial Police (OPP)	Chris Lewis Police Commissioner
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Kevin Gallant Fire Chief
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Michael Rozario Deputy Fire Chief
Emergency Services External	Ontario Provincial Police (OPP)	Dirk Cockburn Detachment Commander, Ontario Provincial Police
Emergency Services External	Town of New Tecumseth Fire Department	Dan Heydon Fire Chief/ Community Emergency Management Coordinator
Emergency Services External	Towhship of Essa	Cynthia Ross Tustin Fire Chief
Emergency Services External	Township of Oro-Medonte Fire and Emergency Services	Hugh Murray Fire Chief
Utilities External	Petro Canada	Sophie Collin-Jacques Central Regoin Real Estate (Ontario)
Utilities External	Allstream	Christine Barnes Permits Coordinator
Utilities External	Bell Canada	Maureen Marshall Implementation Manager- Huronia, York
Utilities External	Cogeco Data Services	James Busher Network Specialist
Utilities External	Enbridge Gas Distribution	Arnel Mangalino Distribution Asset Management
Utilities External	Enbridge Natural Gas Pipelines	Russ McLean Manager, GIS and Record Administration
Utilities External	GT Fiber Services Inc	Diego Tobias
Utilities External	Hydro One	Brian Zeigler
Utilities External	HydroOne	Brian McCormick Manager
Utilities External	Powerstream Inc.	Todd Bowman Supervisor of Capital
Utilities External	Rogers Communications Inc.	Graham McPherson System Planner

Group	Organization	Name
Utilities External	Trans-Northern Pipelines Inc.	Satish Korpai
Utilities External	Union Gas Limited	Bridget Jones Manager, Land Services
Utilities External	Union Gas Limited	Faye Wang P.Eng Construction Project Manager
Interest Group Public	In accordance with the <i>Freedom of Information and Protection of Privacy Act</i>, personal information of members of the public has been removed.	
Public		

Public Information Centre #1
November 2014

ONTARIO GOVERNMENT NOTICE NOTICE OF PUBLIC INFORMATION CENTRE #1

Highway 400 Improvements from 1km South of Highway 89 to the Junction at Highway 11 (W.O. #06-20016) PRELIMINARY DESIGN & CLASS ENVIRONMENTAL ASSESSMENT UPDATE STUDY

THE PROJECT

URS Canada has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. Reasonable alternatives to address the required improvements will be developed and evaluated leading to the selection of a preferred alternative(s) and ultimately a recommended plan. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County.

In addition to this study, MTO is undertaking a Preliminary Design Update Study for the advanced replacement of the following four structures along this section of the Highway 400 corridor: 4th Line (Churchill Sideroad) Bridge, 6th Line Bridge, Barrie Collingwood Railway Bridge, and 10th Line (McKay Road) Bridge. These structures will be advanced as part of a separate study and designed to incorporate the recommendations of the overall Highway 400 corridor improvement study.

THE PROCESS

This study is following the approved planning process for a Group 'B' project under the *MTO Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*. A previous Transportation Environmental Study Report (TESR) was prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00).

A Transportation Environmental Study Report Addendum (TESR Addendum) will be prepared at the completion of the study in the event that any significant changes to the approved plan and impacts beyond those outlined in the April 2004 TESR are identified. The TESR Addendum will document the details of the recommended plan, environmental effects, proposed mitigation measures, and a summary of consultation undertaken throughout the study. The TESR Addendum review period will be advertised in local newspapers and mailed to those on the study mailing list.

PUBLIC INFORMATION CENTRE #1

The public is invited to attend the first of two Public Information Centres (PICs) for this project. The purpose of PIC #1 is to present the study process, approved plan (identified in 2004), existing conditions, findings of the traffic analysis, and receive input on the mainline and interchange alternative(s) under consideration, and the process for evaluating alternatives. The Project Team welcomes your input at PIC #1.

Members of the public, area residents and all stakeholders are invited to attend PIC #1. This PIC will be an informal drop-in centre and representatives from MTO and URS will be available to answer and discuss the study.

PIC #1 will be held as follows:

Tuesday November 25th, 2014
4:00 p.m. to 8:00 p.m.
Holiday Inn Barrie Hotel & Conference Centre
Churchill Ballroom
20 Fairview Rd, Barrie, ON L4N 4P3

COMMENTS

To obtain additional information or to provide input at any point during the study, please contact:

Tim Sorochinsky, P. Eng
Consultant Project Manager
URS Canada Inc.
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905-882-4401
Fax: 905-882-4399
Email: tim.sorochinsky@urs.com

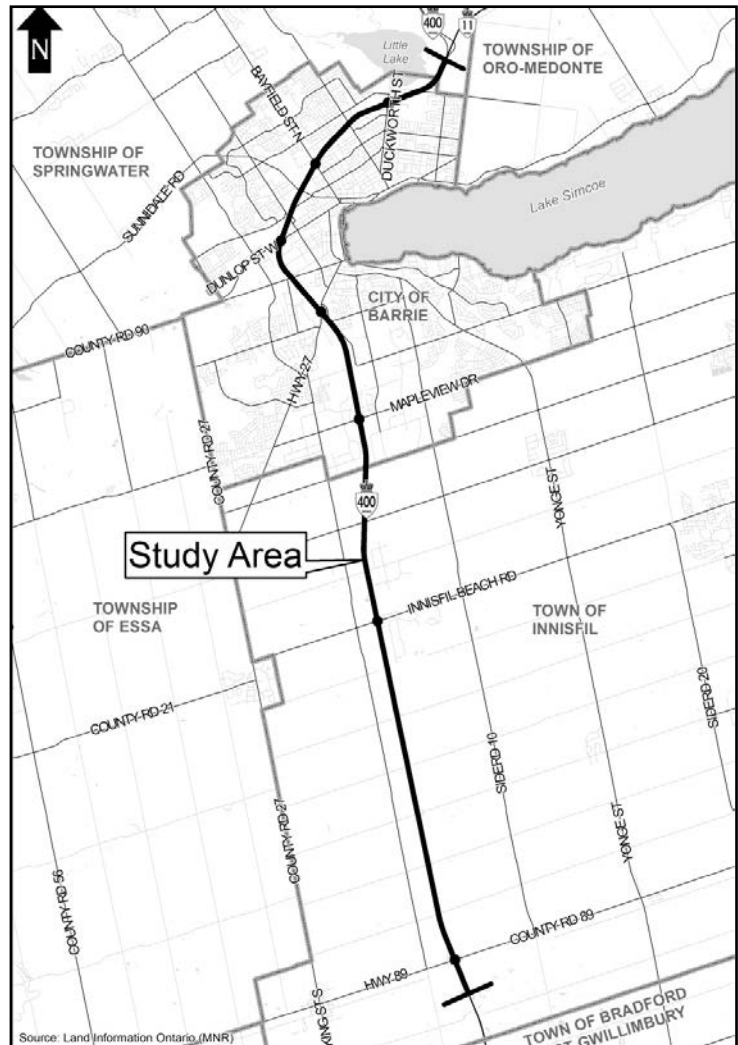
Tyler Drygas, B.A.A
Consultant Senior Environmental Planner
URS Canada Inc.
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905-882-4401
Fax: 905-882-4399
Email: tyler.drygas@urs.com

Justin White, P. Eng.
Project Engineer
Planning & Design, York Simcoe
Ministry of Transportation
Building D, 4th Floor, 1201 Wilson Avenue
Downsview, ON M3M 1J8
Tel: 416-235-5609
Fax: 416-235-3576
Email: justin.white@ontario.ca

Or visit us at: <http://highway400improvements89to11.ca>

There is an opportunity at any time during the study for interested persons to provide input to the Project Team regarding the study. Comments are being collected to assist MTO in meeting the requirements of the *Ontario Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed above.



Ministry of Transportation

Highway Engineering – York Simcoe
Central Region

4th Floor, Building D
1201 Wilson Avenue
Downsview, ON M3M 1J8
Tel.: 416-235-5525
Fax: 416-235-3576

Ministère des Transports

Génie Routier – York-Simcoe
Région du Centre

4e étage, edifice D
1201 avenue Wilson
Downsview, ON M3M 1J8
Tél.: 416-235-5525
Télééc. 416-235-3576



Final Aboriginal Communities Letter

November 7, 2014

«Name»

«Organization»

«Address»

Dear «Greeting»:

**RE: Notice of Public Information Centre (PIC) #1
Highway 400 Improvements from 1 km South of Highway 89 to Highway 11
(G.W.P. 06-20016)**
Preliminary Design and Class Environmental Assessment Update Study
Town of Innisfil, City of Barrie, and Township of Springwater within Simcoe County
Ontario Ministry of Transportation (MTO)

URS Canada has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. Reasonable alternatives to address the required improvements will be developed and evaluated leading to the selection of a preferred alternative(s) and ultimately a recommended plan for this section of Highway 400 corridor. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County (refer to the enclosed *Notice of Public Information Centre #1*).

This study is following the approved planning process for a Group 'B' project under the *MTO Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*. A previous Transportation Environmental Study Report (TESR) was prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00).

The purpose of this letter is to notify you that PIC #1 has now been scheduled for this project. The purpose of PIC #1 is to present the study process, approved plan (identified in 2004), existing conditions, findings of the traffic analysis, and receive input on the mainline and interchange alternative(s) under consideration, and the process for evaluating alternatives. Representatives from external agencies, municipalities, Aboriginal Communities, and elected officials are invited to attend an External Team Meeting prior to the PIC. You are encouraged to attend this meeting and provide us with your views and comments so that they can be considered as the project progresses.

The **External Team Meeting** will be held on:

**Tuesday November 25th, 2014
3:00 p.m. to 4:00 p.m.
Holiday Inn Barrie Hotel & Conference Centre
Churchill Ballroom
20 Fairview Rd, Barrie, ON L4N 4P3**

Following the External Team Meeting, the PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** You are also welcome to attend the PIC which will be an informal drop-in centre. Representatives from the MTO and Consultant Team will be available to answer questions and discuss the project.

A Transportation Environmental Study Report Addendum (TESR Addendum) will be prepared at the completion of the study in the event that any significant changes to the approved plan and impacts beyond those outlined in the April 2004 TESR are identified. The TESR Addendum will document the details of the recommended plan, environmental effects, proposed mitigation measures, and a summary of consultation undertaken throughout the study. The TESR Addendum review period will be advertised in local newspapers and mailed to those on the study mailing list.

As part of this study, a Stage 2 Archaeological Assessment will be undertaken. Should any archaeological remains be encountered you will be notified. The Project Team will also be conducting a natural sciences review of the study area. Background information relating to natural heritage features will be collected to characterize the vegetation communities, fish and fish habitat, as well as wildlife and wildlife habitat (including Species at Risk). A Fish and Fish Habitat Report and Terrestrial Ecosystems Report will be prepared to support the generation and evaluation of alternative(s) and will document potential impacts and proposed mitigation measures.

There is an opportunity at any time during the study for interested persons to provide input to the Project Team including comments and information regarding the study. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you wish to obtain additional information about the study please visit the Project Website at <http://highway400improvements89to11.ca>

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of Public Information Centre # 1*.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me by phone at 416-235-5609 or by e-mail at justin.white@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange a meeting at your earliest convenience.

Sincerely,
Ministry of Transportation

Justin White, P. Eng.
Project Engineer

Cc.	S. Sieradzki	- MTO Senior Environmental Planner
	T. Sorochinsky	- URS Project Manager
	K. Cooper	- URS Deputy Project Manager
	T. Drygas	- URS Consultant Senior Environmental Planner
	H. Wright	- URS Project Environmental Planner

Encl. Notice of Public Information Centre



Final MP/MPP Letter

November 7, 2014

«Name»

«Organization»

«Address»

Dear «Greeting»:

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URS Canada Inc.
4th Floor, 30 Leek Crescent
Richmond Hill, ON Canada L4B 4N4
Tel: 905.882.4401
Fax: 905.882.4399
www.urs.ca



Following the External Team Meeting, the PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** You are also welcome to attend the PIC which will be an informal drop-in centre. Representatives from the MTO and Consultant Team will be available to answer questions and discuss the project.

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The purpose of this letter is to notify your office of the Public Information Centre. The enclosed *Notice of Public Information Centre # 1* will appear in the *Innisfil Scope* on Wednesday November 12, 2014 and in the *Barrie Advance*, *Barrie Examiner*, and *Alliston Herald* on Thursday November 13, 2014.

If you wish to obtain additional information about the study please visit the Project Website at <http://highway400improvements89to11.ca>

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If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of Public Information Centre # 1*.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me via telephone at (905-747-1758) or via email (tyler.drygas@urs.com). You may also contact the MTO Project Engineer, Justin White, via telephone (416-235-5609) or email (justin.white@ontario.ca).

Sincerely,
URS Canada Inc.

Tyler Drygas, B.A.A.
Senior Environmental Planner

Cc. J. White - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - URS Project Manager
K. Cooper - URS Deputy Project Manager
H. Wright - URS Project Environmental Planner

Encl. Notice of Public Information Centre

Final External Letter



November 7, 2014

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Encl. Notice of Public Information Centre



November 7, 2014

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Senior Environmental Planner

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S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - URS Project Manager
K. Cooper - URS Deputy Project Manager
H. Wright - URS Project Environmental Planner

Encl. Notice of Public Information Centre

Group	Organization	Name
First Nation	Metis Nation of Ontario Head Office	Metis Consultation Unit
First Nation	Metis Nation of Ontario	James Wagar Supervisor, Lands and Resources
First Nation	Mississaugas of Scugog Island First Nation	Rhonda Coppaway
First Nation	Mississaugas of Scugog Island First Nation	Chief Kelly LaRocca
First Nation	Chippewas of Georgina Island First Nation	Chief Donna Big Canoe
First Nation	Chippewas of Rama First Nation	Chief Sharon Stinson Henry
First Nation	Coordinator for Williams Treaties First Nations	Karry Sandy-McKenzie Barrister/Solicitor and Coordinator
First Nation	Hiawatha First Nation	Chief Greg Cowie
First Nation	Hiawatha First Nation	Councillor Lorne Potash
First Nation	Hiawatha First Nation	Lori Ritter & Diane Sheridan, Land Resource Workers
First Nation	Beausoleil First Nation (Christian Island)	Chief Roland Monague
First Nation	Alderville First Nation	Chief James R. Marsden
First Nation	Alderville First Nation	Dave Simpson Lands and Resources Communications Officer
First Nation	Alderville First Nation	Melanie Arthur Lakes & Resources Communications Clerk
First Nation	Curve Lake First Nation	Keith Knott
First Nation	Curve Lake First Nation	Councillor Ted Coppaway
First Nation	Curve Lake First Nation	Chief Phyllis Williams
First Nation	Mississauga of New Credit	Chief Bryan LaForme
First Nation	Mississauga of New Credit	Ms. Margaret Sault
First Nation	Haudenosaunee Confederacy (Chiefs Council)	Hohahes Leroy Hill
First Nation	Ontario Native Affairs Secretariate	Sir/Madam
First Nation	Six Nations of the Grand River Territory	Chief Ava Hill
First Nation	Indian and Northern Affairs Canada	Sir/Madam Environmental Assessment
AANDC External	Aboriginal Affairs and Northern Development Canada	Consultation and Accommodation Unit
MAA External	Ministry of Aboriginal Affairs	David Pickles Team Lead Consultation Unit
MAA External	Ministry of Aboriginal Affairs, Aboriginal Relations and Ministry Partnerships Division	Corwin Troje Manager, Consultation Unit
MAA External	Ministry of Aboriginal Affairs Aboriginal Relations & Ministry Partnerships Division	Heather Levecque Manager, Consultation Unit, Aboriginal Relationships and Ministry Partnerships Division
MP	York Simcoe	Peter Van Loan
MP	The City of Barrie	Patrick Brown
MP	Simcoe-Grey	Dr. Kellie Leitch

Group	Organization	Name
MPP	City of Barrie	Rod Jackson
MPP	Simcoe--Grey	Jim Wilson
MPP	York--Simcoe The City of Bradford West-Gwillimury	Julia Monro
External	Ministry of Tourism, Culture and Sport	Malcolm Horne Archaeology Review Officer
External	Ministries of Tourism, Culture and Sport	Rosi Zirger A/Heritage Planner
External	Lake Simcoe Region Conservation Authority	Tom Hogenbirk, P.Eng. Manager, Engineering and Technical Services
External	Lake Simcoe Region Conservation Authority	Bev Booth Manager of Planning
External	Lake Simcoe Region Conservation Authority	Mike Walters Watershed Director
External	Lake Simcoe Region Conservation Authority	Mr. Grahame Davis
External	Nottawasaga Valley Conservation Authority	Glenn Switzer Director of Engineering & Technical Services
External	Nottawasaga Valley Conservation Authority	David Featherstone Manager of Watershed Monitoring
External	Nottawasaga Valley Conservation Authority	Kyra Howes Manager of Lands and Operations
External	Nottawasaga Valley Conservation Authority	Chris Hibberd Director of Planning Services
External	Nottawasaga Valley Conservation Authority	Mr. Wayne Wilson, CAO
External	Ministry of the Environment	Kevin Plautz Project Officer - Service Integration
External	Ministry of the Environment	Daniel Delaquis Environmental Resource Planner & Environmental Assessment Coordinator
External	Ministry of the Environment	Cindy Hood District Manager Barrie District Office
External	Ministry of the Environment	Shanon McNeil Environmental Resource Planner / EA Coordinator
External	Ministry of Agriculture and Food	Ray Valaitis Rural Planner
External	Ministry of Natural Resources	Amanda McLachlan District Planner
External	Canadian Environment Assessment Agency	Anjala Puvananathan Director, Ontario Region
External	Ministry of Municipal Affairs and Housing	Timothy Haldenby Planning Projects - Team Lead

Group	Organization	Name
External	Ministry of Municipal Affairs and Housing	Mark Christine Manager, Community Planning and Development
External	Ministry of Economic Development and Trade	Adrian Bradford Senior Business Development Specialist
External	Infrastructure Ontario	Adam Redish Director Growth Policy, Planning and Analysis
External	Infrastructure Ontario	Charles O'Hara, Manager Growth Policy
External	Ministry of Energy	Lynn Wong Issues Coordinator
External	Ministry of Health and Long - Term Care	Ruth Alves Coordinator, Government Support & Internal Communications - Corporate Services Division
External	Metrolinx/GO Transit	Malcolm Mackay
External	Simcoe County District School Board	Holly Spacek Planning Officer
External	Simcoe County Roman Catholic Separate School Board	Sir/Madam
External	Simcoe Muskoka Catholic District School Board	Kristin Dibble Pechkovsky, BES, MCIP Planning Officer, Planning Department
External	Simcoe County Student Transportation Consortium	Karen Miller Transportation Assisstant
External	Simcoe Muskoka Catholic District School Board	Mr. Garry Lambright
External	Simcoe Muskoka Catholic District School Board	Ms. Jennifer Sharpe
External	Ontario Realty Corporation	Julius Lindsay Reporting Specialist Professional Services
Municipal External	County of Simcoe	Chris Doherty Engineering Technician
Municipal External	County of Simcoe	Christian Meile Director, Transportation Maintenance
Municipal External	County of Simcoe	Deborah Korolnek General Manager of Engineering, Planning and Environment
Municipal External	County of Simcoe	Jim Hunter, P.Eng Director Transportation Construction
Municipal External	County of Simcoe	David Parks Director of Planning, Development and Tourism
Municipal External	County of Simcoe	Brenda Clark Clerk
Municipal External	County of Simcoe	Mark Aitken Chief Administrative Officer
Municipal External	County of Simcoe	Julie Scruton, P.Eng., Project Engineer Transportation & Engineering
Municipal External	County of Simcoe	Mr. Bill Brown, P. Eng. County Engineer
Municipal External	Township of Oro-Medonte	Doug Irwin Director of Corporate Services/ Town Clerk
Municipal External	Township of Oro-Medonte	Andria Leigh Director or Development Services

Group	Organization	Name
Municipal External	Township of Oro-Medonte	Derek Witlib Manager, Planning Services
Municipal External	Township of Oro-Medonte	Lisa McNiven Manager, Transportation Services
Municipal External	Township of Oro-Medonte	Fred MacGregor Manager, Environmental Services
Municipal External	Township of Oro-Medonte	Lynn Burness Transportation Services Assistant
Municipal External	Township of Oro-Medonte	Jerry Ball Director Transportation & Environmental Services
Municipal External	Township of Oro Mendonte	Mr. Keith Mathieson
Municipal External	Township of Oro Mendonte	Ms. Andria Leigh, Planner
Municipal External	City of Barrie	Brett Gratrix Infrastructure Planning Engineer
Municipal External	City of Barrie	Dawn McAlpine City Clerk
Municipal External	City of Barrie	Jeff Lehman Mayor
Municipal External	City of Barrie	Richard Forward General Manager, Infrastructure & Growth Management
Municipal External	City of Barrie	Steven Naylor Director of Planning Department
Municipal External	City of Barrie	Jacqueline Weston Director of Engineering
Municipal External	City of Barrie	Stew Patterson, P. Eng., Mgr. of Infrastructure Planning
Municipal External	City Of Barrie	Mr. John Craig, Clerk
Municipal External	Town of Bradford West Gwillimbury	Jay Currier Town Manager
Municipal External	Town of Bradford West Gwillimbury	Rob Keffer Mayor
Municipal External	Town of Bradford West Gwillimbury	Mike Disano Manager of Economic Development
Municipal External	Town of Bradford West Gwillimbury	Arup Mukherjee Director of Engineering Services
Municipal External	Town of Bradford West Gwillimbury	Rebecca Murphy Municipal Clerk
Municipal External	Town of Bradford West Gwillimbury	Frank Jonkman Drainage Superintendent / Project Manager
Municipal External	Town of Bradford West Gwillimbury	Angelina Devellis Engineering Services Administrative Assistant
Municipal External	Town of Bradford West Gwillimbury	Gavin Watson Manager of Development Engineering
Municipal External	Town of Bradford West Gwillimbury	Paul Feehely Superintendent of Public Works
Municipal External	Town of Bradford West Gwillimbury	Tami Kitay Senior Planner
Municipal External	Town of Bradford West Gwillimbury	Mr. Ron Kneeshaw, Superintendent of Public Works

Group	Organization	Name
Municipal External	Town of Bradford West Gwillimbury	Mr. Eric Hodgins, Town Planner
Municipal External	Town of Innisfil	Angela Grenier Executive Assistant to Deputy CAO/Town Engineer
Municipal External	Town of Innisfil	Tim Cane Manager of Land Use Planning
Municipal External	Town of Innisfil	Andy Campbell Deputy CAO / Town Engineer
Municipal External	Town of Innisfil	Karen Fraser Acting Town Clerk
Municipal External	Town of Innisfil	Wayne Young Manager of Roads
Municipal External	Town of Innisfil	Ali Mustafa Manager of Capital and Asset Management
Municipal External	Town of Innisfil	Gord Wauchope Mayor
Municipal External	Town of Innisfil	Ms. Lynn Dollin Councillor-Ward 7
Municipal External	Town of Innisfil	Mr. Wayne Young, Manager of Operational Services
Municipal External	Town of New Tecumseth	Cindy Maher Town Clerk/Administration Services
Municipal External	Town of New Tecumseth	Sir/Madam Director Planning and Development
Municipal External	Town of New Tecumseth	Chad Horan Director of Public Works
Municipal External	Town of New Tecumseth	Brendan Holly Deputy CAO/ Director of Technical Services
Municipal External	Town of New Tecumseth	Lester Lipiec, Honours BES, CSM, Transportation Coordinator, Engineering Dept.
Municipal External	Town of Tecumseth	Mr .Stephen Naylor, Manager of Planning
Municipal External	Township of Essa	Dan Perreault Manager of Public Works
Municipal External	Township of Essa	Colleen Healey Manager of Planning and Development
Municipal External	Township of Essa	Terry Dowdall Mayor
Municipal External	Township of Essa	Bonnie Sander Town Clerk
Municipal External	Township of Essa	Mr. Greg Murphy, Manager of Public Works & Parks
Municipal External	Township of Springwater	John Daly Director of Corporate Services & Clerk

Group	Organization	Name
Municipal External	Township of Springwater	Brad Sokach Director of Public Works
Municipal External	Township of Springwater	Brent Spagnol Manager of Planning
Emergency Services External	City of Barrie Fire Department	John Lynn Fire Chief
Emergency Services External	City of Barrie Police Department	Kimberley Greenwood Police Chief
Emergency Services External	County of Simcoe Administration Centre	Cathy Clark Manager of 911 & Emergency Planning
Emergency Services External	County of Simcoe Paramedic Services	Stephen Trafford Deployment & Planning Supervisor
Emergency Services External	County of Simcoe Paramedic Services	Andrew Robert Director & Chief, Paramedic Services
Emergency Services External	Simcoe County Paramedic Services	Peter Tozer Deputy Chief
Emergency Services External	Innisfil Fire & Rescue Service Town of Innisfill	Tom Raeburn, Deputy Fire Chief
Emergency Services External	Innisfil Fire & Rescue Service Town of Innisfill	Jon Pegg, Fire Chief
Emergency Services External	South Simcoe Police Service	Allan Cheesman Deputy Chief of Police
Emergency Services External	Ontario Provincial Police	Paula Brown Planning Officer, Research Section
Emergency Services External	Ontario Provincial Police (OPP)	Chris Lewis Police Commissioner
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Kevin Gallant Fire Chief
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Michael Rozario Deputy Fire Chief
Emergency Services External	Ontario Provincial Police (OPP)	Dirk Cockburn Detachment Commander, Ontario Provincial Police
Emergency Services External	Town of New Tecumseth Fire Department	Dan Heydon Fire Chief/ Community Emergency Management Coordinator
Emergency Services External	Towhship of Essa	Cynthia Ross Tustin Fire Chief
Emergency Services External	Township of Oro-Medonte Fire and Emergency Services	Hugh Murray Fire Chief
Utilities External	Petro Canada	Sophie Collin-Jacques Central Regoin Real Estate (Ontario)
Utilities External	Allstream	Christine Barnes Permits Coordinator
Utilities External	Bell Canada	Maureen Marshall Implementation Manager- Huronia, York
Utilities External	Cogeco Data Services	James Busher Network Specialist

Group	Organization	Name
Utilities External	Enbridge Gas Distribution	Arnel Mangalino Distribution Asset Management
Utilities External	Enbridge Natural Gas Pipelines	Russ McLean Manager, GIS and Record Administration
Utilities External	Hydro One	Brian Zeigler
Utilities External	HydroOne	Brian McCormick Manager
Utilities External	Hydro One Networks Inc.	Mr. Brian McCormick, Manager
Utilities External	Powerstream Inc.	Todd Bowman Supervisor of Capital
Utilities External	Rogers Communications Inc.	Graham McPherson System Planner
Utilities External	Trans-Northern Pipelines Inc.	Satish Korpai
Utilities External	Union Gas Limited	Bridget Jones Manager, Land Services
Utilities External	Union Gas Limited	Faye Wang P.Eng Construction Project Manager
Utilities External	Allstream	Diana Vass
Interest Group Public	In accordance with the Freedom of Information and Protection of Privacy Act, personal information of members of the public has been removed.	
Public		

Public Information Centre #2
April 2017

ONTARIO GOVERNMENT NOTICE - NOTICE OF PUBLIC INFORMATION CENTRE #2
Highway 400 Improvements from 1km South of Highway 89 to the Junction at Highway 11 (W.O. #06-20016)
PRELIMINARY DESIGN & CLASS ENVIRONMENTAL ASSESSMENT STUDY UPDATE

THE PROJECT

AECOM has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Update Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County.

THE PROCESS

This study is following the approved planning process for a Group 'B' project under the *MTO Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*. A previous Transportation Environmental Study Report (TESR) was prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00).

Public Information Centre (PIC) #1 was held in November 2014 to provide the public with the opportunity to discuss the project and comment on the Highway 400 widening alternatives and interchange improvement alternatives being considered.

Reasonable alternatives to address the required improvements have been developed and evaluated leading to the selection of a preferred alternative(s) and ultimately a recommended plan for this section of Highway 400 corridor. The long-term vision of the corridor includes widening this section of Highway 400 to 10 lanes (4 general purpose lanes and 1 high occupancy vehicle lane in each direction) with improvements and modifications of each of the interchanges to accommodate the proposed widening and provide adequate traffic operations. Improvements to highway drainage, illumination and structures along this section of the Highway 400 corridor have also been identified as part of this study.

PIC #2 has now been arranged to provide the public with the opportunity to view and provide comments on the changes to the Approved Plan identified in the 2004 TESR as well as to view the details of the evaluation of alternatives, the technically preferred alternatives, and the results of the impact assessment and proposed mitigation measures.

Following PIC #2 a Transportation Environmental Study Report Addendum (TESR Addendum) will be prepared at the completion of the study to document the changes to the Approved Plan relative to that outlined in the 2004 TESR. The TESR Addendum will be made available to the public, other interested parties and external agencies for a 30-day public review period at public review locations in close proximity to the study area. A notice of the TESR Addendum review opportunity will be provided.

PUBLIC INFORMATION CENTRE #2

The public is invited to attend PIC #2 on:

Tuesday April 25, 2017
4:00 p.m. to 8:00 p.m.

Holiday Inn Barrie Hotel & Conference Centre
Churchill Ballroom
20 Fairview Rd, Barrie, ON L4N 4P3

This PIC will be an informal drop-in centre. Representatives from the MTO and the consultant team will be available to answer questions, receive comments and discuss the next steps in the project. You are encouraged to attend the PIC and provide the Project Team with your views and comments so that they can be considered as the project progresses.

COMMENTS

To obtain additional information or to provide input at any point during the study, please contact:

Tim Sorochinsky, P. Eng
Consultant Senior Project Manager
AECOM
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905-882-4401
Fax: 905-882-4399

Tyler Drygas, B.A.A
Consultant Senior Environmental Planner
AECOM
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905-882-4401
Fax: 905-882-4399

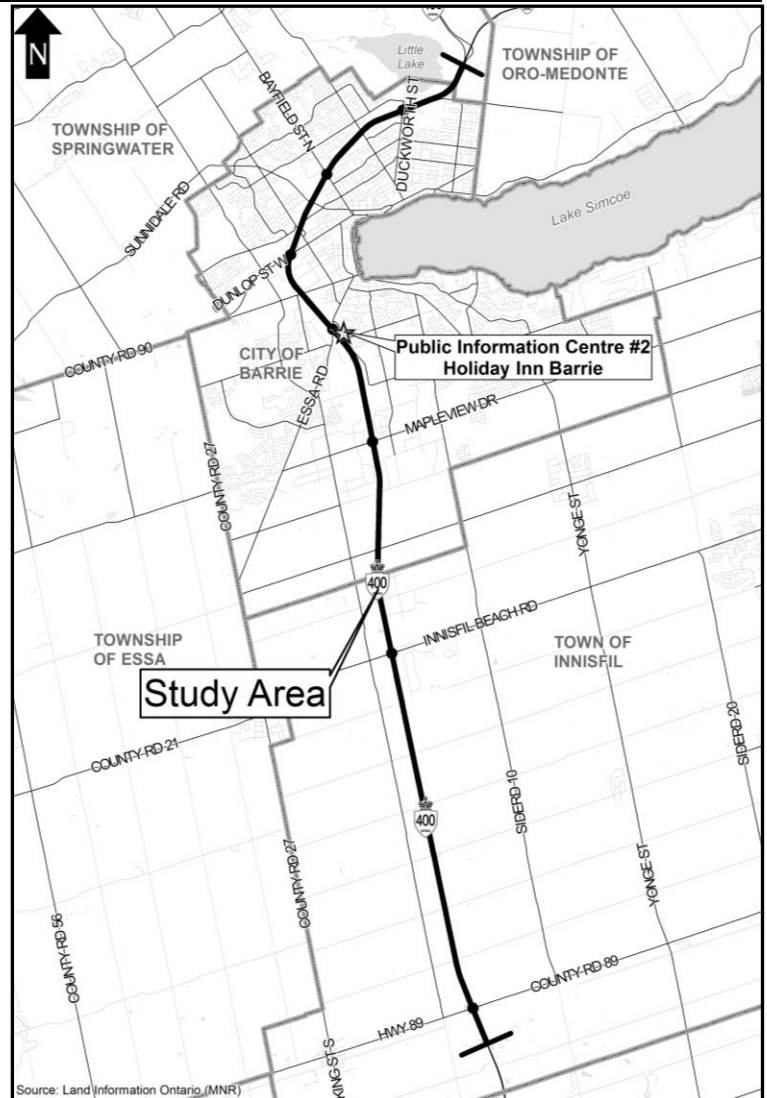
Robert Vandenberg, P. Eng.
Project Manager
Highway Engineering, York Simcoe
Ministry of Transportation, Central Region
159 Sir William Hearst Avenue, 4th Floor
Toronto, ON M3M 0B7
Tel: 416-235-5483 Fax: 416-235-3576

Email: projectteam@highway400improvements89to11.com

Or visit us at: <http://highway400improvements89to11.ca>

There is an opportunity at any time during the study for interested persons to provide input to the Project Team regarding the study. Comments are being collected to assist MTO in meeting the requirements of the *Ontario Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed above.



Ministry of Transportation

Highway Engineering – York Simcoe
Central Region

4th Floor, Building D
1201 Wilson Avenue
Downsview, ON M3M 1J8
Tel.: 416-235-5483
Fax: 416-235-3576

Ministère des Transports

Génie Routier – York-Simcoe
Région du Centre

4e étage, edifice D
1201 avenue Wilson
Downsview, ON M3M 1J8
Tél.: 416-235-5483
Télééc. 416-235-3576



April 10, 2017

First Nations and Metis Community Letter

«Name»

«Organization»

«Address»

Dear «Greeting»:

**RE: Notice of Public Information Centre (PIC) #2
Highway 400 Improvements from 1 km South of Highway 89 to Highway 11**
Preliminary Design and Class Environmental Assessment Update Study
Town of Innisfil, City of Barrie, and Township of Springwater within Simcoe County
Ontario Ministry of Transportation (W.O. 06-20016)

AECOM (formerly URS Canada Inc.) has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Update Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County (refer to the enclosed *Notice of Public Information Centre #2*).

This study is following the approved planning process for a Group 'B' project under the *MTO Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*. A previous Transportation Environmental Study Report (TESR) was prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00).

Reasonable alternatives to address the required improvements have been developed and evaluated leading to the selection of a preferred alternative(s) and ultimately a recommended plan for this section of Highway 400 corridor.

The long-term vision of the corridor includes widening this section of Highway 400 to 10 lanes (4 general purpose lanes and 1 high occupancy vehicle lane in each direction) with improvements and modifications of each of the interchanges to accommodate the proposed widening and provide adequate traffic operations. Improvements to highway drainage, illumination and structures along this section of the Highway 400 corridor have also been identified as part of this study.

The purpose of this letter is to notify you that Public Information Centre (PIC) #2 has now been scheduled for this project. The purpose of PIC #2 is to provide the public with the opportunity to view and provide comments on the changes to the Approved Plan identified in the 2004 TESR, as well as to view the details of the evaluation of alternatives, the technically preferred alternatives, and the results of the impact assessment and proposed mitigation measures. Representatives from external agencies, municipalities, First Nations and Métis Communities, and elected officials are invited to attend an External Team Meeting prior to the PIC. You are encouraged to attend this drop-in meeting to view the displays in advance of the public and provide us with your comments so that they can be considered as the project progresses.

The **External Team Meeting** will be held on:

Tuesday April 25, 2017, 3:00 p.m. to 4:00 p.m (drop-in)
Holiday Inn Barrie Hotel & Conference Centre, Churchill Ballroom
20 Fairview Rd, Barrie, ON L4N 4P3

Following the External Team Meeting, the PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** You are also welcome to attend the PIC which will be an informal drop-in centre. Representatives from the MTO and Consultant Team will be available to answer questions and discuss the project.

Following PIC #2 a Transportation Environmental Study Report Addendum (TESR Addendum) will be prepared, at the completion of the study, to document the changes to the Approved Plan relative to that outlined in the 2004 TESR. The TESR Addendum will be made available to the public, other interested parties and external agencies for a 30-day public review period at public review locations in close proximity to the study area. A notice of the TESR Addendum review opportunity will be provided.

As part of this study, a Stage 2 Archaeological Assessment has been undertaken to include all areas of impact where Permission to Enter has been granted. The Stage 2 Archaeological Assessment Report was prepared to document the results of all background research and fieldwork, and contains all necessary photographic and cartographic documentation, including recommendations for Stage 3 work, should it be required.

The Project Team has also conducted a natural sciences review of the study area. Background information relating to natural heritage features has been collected to characterize the vegetation communities, fish and fish habitat, as well as wildlife and wildlife habitat. A Natural Heritage Report has been prepared to support the assessment of impacts and proposed mitigation measures associated with improvements to this section of the Highway 400 corridor.

There is an opportunity at any time during the study for interested persons to provide input to the Project Team including comments and information regarding the study. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of PIC # 2*.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me by phone at 416-235-5483 or by e-mail at robert.vandenberg@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange a meeting at your earliest convenience. You may also visit the project website (<http://highway400improvements89to11.ca>) to view information about the study

Sincerely,

Ministry of Transportation

Robert Vandenberg, P. Eng.
Project Engineer

Cc. S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - AECOM Senior Project Manager
K. Cooper - AECOM Deputy Project Manager
T. Drygas - AECOM Senior Environmental Planner
H. Wright - AECOM Senior Environmental Planner
S. Schmied - AECOM Environmental Planner

Encl. Notice of Public Information Centre #2



AECOM
30 Leek Cres., 4th Floor
Richmond Hill, ON
L4B 4N4
Canada
www.aecom.com

905-882-4401 tel
905-882-4399 fax

April 10, 2017

MP/MPP Letter

«Name»
«Organization»
«Address»

Dear «Greeting»:

**RE: Notice of Public Information Centre (PIC) #2
Highway 400 Improvements from 1 km South of Highway 89 to Highway 11**
Preliminary Design and Class Environmental Assessment Study Update
Town of Innisfil, City of Barrie, and Township of Springwater within Simcoe County
Ontario Ministry of Transportation (W.O. 06-20016)

AECOM (formerly URS Canada Inc.) has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Update Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County (refer to the enclosed *Notice of Public Information Centre #2*).

This study is following the approved planning process for a Group 'B' project under the *MTO Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*. A previous Transportation Environmental Study Report (TESR) was prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00).

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Public Information Centre (PIC) #2 has now been scheduled for this project. The purpose of PIC #2 is to provide the public with the opportunity to view and provide comments on the changes to the Approved Plan identified in the 2004 TESR as well as to view the details of the evaluation of alternatives, the technically preferred alternatives, and the results of the impact assessment and proposed mitigation measures. Representatives from external agencies, municipalities, First Nations and Métis Communities, and elected officials are invited to attend an External Team Meeting prior to the PIC. You are encouraged to attend this drop-in meeting to view the displays in advance of the public and provide us with your comments so that they can be considered as the project progresses.

The **External Team Meeting** will be held on:

Tuesday April 25, 2017, 3:00 p.m. to 4:00 p.m. (drop-in)
Holiday Inn Barrie Hotel & Conference Centre, Churchill Ballroom
20 Fairview Rd, Barrie, ON L4N 4P3

Following the External Team Meeting, the PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** You are also welcome to attend the PIC which will be an informal drop-in centre. Representatives from the MTO and Consultant Team will be available to answer questions and discuss the project.

Following PIC #2 a Transportation Environmental Study Report Addendum (TESR Addendum) will be prepared, at the completion of the study, to document the changes to the Approved Plan relative to that outlined in the 2004 TESR. The TESR Addendum will be made available to the public, other interested parties and external agencies for a 30-day public review period at public review locations in close proximity to the study area. A notice of the TESR Addendum review opportunity will be provided.

The purpose of this letter is to notify your office of the Public Information Centre. The enclosed *Notice of Public Information Centre # 2* will appear in the *Innisfil Journal, Barrie Advance, Barrie Examiner, and Alliston Herald* on Thursday April 13, 2017.

If you wish to obtain additional information about the study please visit the Project Website at <http://highway400improvements89to11.ca>

There is an opportunity at any time during the study for interested persons to provide input to the Project Team including comments and information regarding the study. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of PIC # 2*.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me at 905-882-4401 or by email at projectteam@highway400improvements89to11.com. You may also contact the MTO Project Manager, Robert Vandenberg, at 416-235-5483 or by email at robert.vandenberg@ontario.ca.

Sincerely,
AECOM



Tyler Drygas, B.A.A
Senior Environmental Planner

Cc. R. Vandenberg - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - AECOM Senior Project Manager
K. Cooper - AECOM Deputy Project Manager
H. Wright - AECOM Senior Environmental Planner
S. Schmied - AECOM Environmental Planner

Encl. Notice of Public Information Centre #2



AECOM
30 Leek Cres., 4th Floor
Richmond Hill, ON
L4B 4N4
Canada
www.aecom.com

905-882-4401 tel
905-882-4399 fax

External Letter

April 10, 2017

«Name»
«Organization»
«Address»

Dear «Greeting»:

**RE: Notice of Public Information Centre (PIC) #2
Highway 400 Improvements from 1 km South of Highway 89 to Highway 11**
Preliminary Design and Class Environmental Assessment Update Study
Town of Innisfil, City of Barrie, and Township of Springwater within Simcoe County
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The purpose of this letter is to notify you that Public Information Centre (PIC) #2 has now been scheduled for this project. The purpose of PIC #2 is to provide the public with the opportunity to view and provide comments on the changes to the Approved Plan identified in the 2004 TESR, as well as to view the details of the evaluation of alternatives, the technically preferred alternatives, and the results of the impact assessment and proposed mitigation measures. Representatives from external agencies, municipalities, First Nations and Métis Communities, and elected officials are invited to attend an External Team Meeting prior to the PIC. You are encouraged to attend this drop-in meeting to view the displays in advance of the public and provide us with your comments so that they can be considered as the project progresses.

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There is an opportunity at any time during the study for interested persons to provide input to the Project Team including comments and information regarding the study. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you wish to obtain additional information about the study please visit the Project Website at: <http://highway400improvements89to11.ca>

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of PIC # 2*.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me at 905-882-4401 or by email at projectteam@highway400improvements89to11.com. You may also contact the MTO Project Manager, Robert Vandenberg, at 416-235-5483 or by email at robert.vandenberg@ontario.ca.

Sincerely,
AECOM



Tyler Drygas, B.A.A
Senior Environmental Planner

Cc. R. Vandenberg - MTO Project Manager
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - AECOM Senior Project Manager
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Encl. Notice of Public Information Centre #2



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30 Leek Cres., 4th Floor
Richmond Hill, ON
L4B 4N4
Canada
www.aecom.com

905-882-4401 tel
905-882-4399 fax

April 10, 2017

«Name»
«Organization»
«Address»

Impacted Property Owner Letter

Dear «Greeting»:

**RE: Notice of Potential Property Impacts & Public Information Centre #2
Highway 400 Improvements from 1 km South of Highway 89 to Highway 11**
Preliminary Design and Class Environmental Assessment Study Update
Town of Innisfil, City of Barrie, and Township of Springwater within Simcoe County
Ontario Ministry of Transportation (W.O. 06-20016)

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The long-term vision of the corridor includes widening this section of Highway 400 to 10 lanes (4 general purpose lanes and 1 high occupancy vehicle lane in each direction) with improvements and modifications of each of the interchanges to accommodate the proposed widening and provide adequate traffic operations. Improvements to highway drainage, illumination and structures along this section of the Highway 400 corridor have also been identified as part of this study.

We would like to advise you that your property is potentially impacted by the recommended plan and we would like to invite you to attend Public Information Centre (PIC) #2 to review the recommended plan and discuss with the Project Team. The purpose of PIC #2 is to provide the public with the opportunity to view and provide comments on the changes to the Approved Plan identified in the 2004 TESR as well as to view the details of the evaluation of alternatives, the technically preferred alternatives, and the results of the impact assessment and proposed mitigation measures. You are encouraged to attend this

meeting to provide us with your views and comments, as well as speak one-on-one directly with members of the Project Team.

PIC #2 will be held as follows:

**Tuesday April 25, 2017, 4:00 p.m. to 8:00 p.m.
Holiday Inn Barrie Hotel & Conference Centre, Churchill Ballroom
20 Fairview Rd, Barrie, ON L4N 4P3**

Members of the public, area residents and all stakeholders are invited to attend the PIC. This PIC will be an informal drop-in centre. Representatives from the MTO and Consultant Team will be available to answer questions and discuss the project. If you are unable to attend PIC #2 and would like to view the Recommended Plan that will be presented at the PIC, please visit the Project Website at <http://highway400improvements89to11.ca> and/or contact one of the Project Team members listed on the attached *Notice of PIC #2*.

Following PIC #2 a Transportation Environmental Study Report Addendum (TESR Addendum) will be prepared, at the completion of the study, to document the changes to the Approved Plan relative to that outlined in the 2004 TESR. The TESR Addendum will be made available to the public, other interested parties and external agencies for a 30-day public review period at public review locations in close proximity to the study area. A notice of the TESR Addendum review opportunity will be provided.

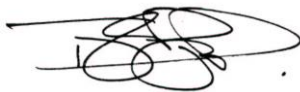
There is an opportunity at any time during the study for interested persons to provide input to the Project Team including comments and information regarding the study. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of PIC #2*.

If you would like to provide comments or if you require further information regarding this study, please feel free to contact me at 905-882-4401 or by email at projectteam@highway400improvements89to11.com. You may also contact the MTO Project Manager, Robert Vandenberg, at 416-235-5609 or by email at robert.vandenberg@ontario.ca.

Sincerely,

AECOM



Tyler Drygas, B.A.A
Senior Environmental Planner

Cc. R. Vandenberg - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - AECOM Senior Project Manager
K. Cooper - AECOM Deputy Project Manager
H. Wright - AECOM Senior Environmental Planner
S. Schmied - AECOM Environmental Planner
Encl. Notice of Public Information Centre #2



AECOM
30 Leek Cres., 4th Floor
Richmond Hill, ON
L4B 4N4
Canada
www.aecom.com

905-882-4401 tel
905-882-4399 fax

April 10, 2017

Public Letter

Dear Sir/Madam:

**RE: Notice of Public Information Centre (PIC) #2
Highway 400 Improvements from 1 km South of Highway 89 to Highway 11**
Preliminary Design and Class Environmental Assessment Study Update
Town of Innisfil, City of Barrie, and Township of Springwater within Simcoe County
Ontario Ministry of Transportation (W.O. 06-20016)

AECOM (formerly URS Canada Inc.) has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Update Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County (refer to the enclosed *Notice of Public Information Centre #2*).

This study is following the approved planning process for a Group 'B' project under the *MTO Class Environmental Assessment (EA) for Provincial Transportation Facilities (2000)*. A previous Transportation Environmental Study Report (TESR) was prepared and received environmental clearance for improvements to this section of the Highway 400 corridor in April 2004 (G.W.P. 30-95-00).

Reasonable alternatives to address the required improvements have been developed and evaluated leading to the selection of a preferred alternative(s) and ultimately a recommended plan for this section of Highway 400 corridor.

The long-term vision of the corridor includes widening this section of Highway 400 to 10 lanes (4 general purpose lanes and 1 high occupancy vehicle lane in each direction) with improvements and modifications of each of the interchanges to accommodate the proposed widening and provide adequate traffic operations. Improvements to highway drainage, illumination and structures along this section of the Highway 400 corridor have also been identified as part of this study.

The purpose of this letter is to notify you that Public Information Centre (PIC) #2 has now been scheduled for this project. The purpose of PIC #2 is to provide the public with the opportunity to view and provide comments on the changes to the Approved Plan identified in the 2004 TESR, as well as to view the details of the evaluation of alternatives, the technically preferred alternatives, and the results of the impact assessment and proposed mitigation measures. You are encouraged to attend this meeting and provide us with your views and comments so that they can be considered as the project progresses.

PIC #2 will be held as follows:

**Tuesday April 25, 2017, 4:00 p.m. to 8:00 p.m.
Holiday Inn Barrie Hotel & Conference Centre, Churchill Ballroom
20 Fairview Rd, Barrie, ON L4N 4P3**

Members of the public, area residents and all stakeholders are invited to attend the PIC. This PIC will be an informal drop-in centre. Representatives from the MTO and Consultant Team will be available to answer questions and discuss the project.

Following PIC #2 a Transportation Environmental Study Report Addendum (TESR Addendum) will be prepared, at the completion of the study, to document the changes to the Approved Plan relative to that outlined in the 2004 TESR. The TESR Addendum will be made available to the public, other interested parties and external agencies for a 30-day public review period at public review locations in close proximity to the study area. A notice of the TESR Addendum review opportunity will be provided.

There is an opportunity at any time during the study for interested persons to provide input to the Project Team including comments and information regarding the study. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

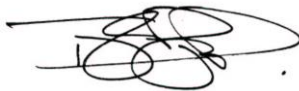
If you wish to obtain additional information about the study please visit the Project Website at <http://highway400improvements89to11.ca>

If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of PIC # 2*.

If you would like to provide comments or if you require further information regarding this study, please feel free to contact me at 905-882-4401 or by email at projectteam@highway400improvements89to11.com. You may also contact the MTO Project Manager, Robert Vandenberg, at 416-235-5609 or by email at robert.vandenberg@ontario.ca.

Sincerely,

AECOM



Tyler Drygas, B.A.A
Senior Environmental Planner

Cc. R. Vandenberg - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - AECOM Senior Project Manager
K. Cooper - AECOM Deputy Project Manager
H. Wright - AECOM Senior Environmental Planner
S. Schmied - AECOM Environmental Planner

Encl. Notice of Public Information Centre #2

Group	Organization	Name
First Nation	Metis Nation of Ontario Head Office	Metis Consultation Unit
First Nation	Metis Nation of Ontario	James Wagar Supervisor, Lands and Resources
First Nation	Mississaugas of Scugog Island First Nation	Rhonda Coppaway
First Nation	Mississaugas of Scugog Island First Nation	Chief Kelly LaRocca
First Nation	Chippewas of Georgina Island First Nation	Chief Donna Big Canoe
First Nation	Chippewas of Rama First Nation	Chief Sharon Stinson Henry
First Nation	Coordinator for Williams Treaties First Nations	Karry Sandy-McKenzie Barrister/Solicitor and Coordinator
First Nation	Hiawatha First Nation	Chief Greg Cowie
First Nation	Hiawatha First Nation	Councillor Lorne Potash
First Nation	Hiawatha First Nation	Lori Ritter & Diane Sheridan, Land Resource Workers
First Nation	Beausoleil First Nation (Christian Island)	Chief Roland Monague
First Nation	Alderville First Nation	Chief James R. Marsden
First Nation	Alderville First Nation	Dave Simpson Councillor
First Nation	Alderville First Nation	Melanie Arthur Lakes & Resources Communications Clerk
First Nation	Alderville First Nation	Skye Anderson Consultation Clerical Support, Lands and Resources
First Nation	Curve Lake First Nation	Keith Knott
First Nation	Curve Lake First Nation	Councillor Ted Coppaway
First Nation	Curve Lake First Nation	Chief Phyllis Williams
First Nation	Mississauga of New Credit	Chief Bryan LaForme
First Nation	Mississauga of New Credit	Ms. Margaret Sault
First Nation	Mississaugas of Scugog Island First Nation	Dave Mowat
First Nation	Haudenosaunee Confederacy (Chiefs Council)	Hohahes Leroy Hill
First Nation	Ontario Native Affairs Secretariate	Sir/Madam
First Nation	Six Nations of the Grand River Territory	Chief Ava Hill
First Nation	Indian and Northern Affairs Canada	Sir/Madam Environmental Assessment
Member of Parliament	MP - York Simcoe	Peter Van Loan
Member of Parliament	MP - Barrie - Innisfil	John Brassard
Member of Parliament	MP - Simcoe-Grey	Dr. Kellie Leitch
Member of Provincial Parliament	MPP - City of Barrie	Ann Hoggarth
Member of Provincial Parliament	MPP - Simcoe--Grey	Jim Wilson
Member of Provincial Parliament	MPP - York--Simcoe	Julia Monro

Group	Organization	Name
INAC External	Indigenous and Northern Affairs Canada (INAC)	Consultation and Accommodation Unit
MAA External	Ministry of Indigenous Relations and Reconciliation	David Pickles Team Lead Consultation Unit
MAA External	Ministry of Indigenous Relations and Reconciliation	Corwin Troje Manager, Consultation Unit
MAA External	Ministry of Indigenous Relations and Reconciliation	Heather Levecque Manager, Consultation Unit, Aboriginal Relationships and Ministry Partnerships Division
External	Ministry of Tourism, Culture and Sport	Malcolm Horne Archaeology Review Officer
External	Ministries of Tourism, Culture and Sport	Rosi Zirger A/Heritage Planner
External	Lake Simcoe Region Conservation Authority	Tom Hogenbirk, P.Eng. Manager, Engineering and Technical Services
External	Lake Simcoe Region Conservation Authority	Bev Booth Manager of Planning
External	Lake Simcoe Region Conservation Authority	Mike Walters Watershed Director
External	Lake Simcoe Region Conservation Authority	Mr. Grahame Davis
External	Nottawasaga Valley Conservation Authority	Glenn Switzer Director of Engineering & Technical Services
External	Nottawasaga Valley Conservation Authority	David Featherstone Manager of Watershed Monitoring
External	Nottawasaga Valley Conservation Authority	Kyra Howes Manager of Lands and Operations
External	Nottawasaga Valley Conservation Authority	Chris Hibberd Director of Planning Services
External	Nottawasaga Valley Conservation Authority	Mr. Wayne Wilson, CAO
External	Nottawasaga Valley Conservation Authority	Lee Bull Development Review Planner
External	Ministry of the Environment and Climate Change	Kevin Plautz Project Officer - Service Integration
External	Ministry of the Environment and Climate Change	Daniel Delaquis Environmental Resource Planner & Environmental Assessment Coordinator
External	Ministry of the Environment and Climate Change	Cindy Hood District Manager Barrie District Office
External	Ministry of the Environment and Climate Change	Shanon McNeil Environmental Resource Planner / EA Coordinator
External	Ministry of Agriculture, Food and Rural Affairs	Ray Valaitis Rural Planner

Group	Organization	Name
External	Ministry of Natural Resources and Forestry	Amanda McLachlan District Planner
External	Canadian Environment Assessment Agency	Anjala Puvananathan Director, Ontario Region
External	Ministry of Municipal Affairs and Housing	Timothy Haldenby Planning Projects - Team Lead
External	Ministry of Municipal Affairs and Housing	Mark Christine Manager, Community Planning and Development
External	Ministry of Economic Development and Trade	Adrian Bradford Senior Business Development Specialist
External	Infrastructure Ontario	Adam Redish Director Growth Policy, Planning and Analysis
External	Infrastructure Ontario	Charles O'Hara, Manager Growth Policy
External	Infrastructure Ontario	Lisa Myslicki
External	Infrastructure Ontario	Keith Noronha
External	Ministry of Energy	Lynn Wong Issues Coordinator
External	Ministry of Health and Long - Term Care	Ruth Alves Coordinator, Government Support & Internal Communications - Corporate Services Division
External	Metrolinx/GO Transit	Malcolm Mackay
External - Schools	Simcoe County District School Board	Holly Spacek Planning Officer
External - Schools	Simcoe County Roman Catholic Separate School Board	Sir/Madam
External - Schools	Simcoe County Student Transportation Consortium	Karen Miller Transportation Assisstant
External - Schools	Simcoe County Student Transportation Consortium	Bonnie Branch
External - Schools	Simcoe County Student Transportation Consortium	Renee Paulson
External - Schools	Simcoe Muskoka Catholic District School Board	Manager of Planning & Development
External	Ontario Realty Corporation	Julius Lindsay Reporting Specialist Professional Services
Municipal External	County of Simcoe	Chris Doherty Engineering Technician
Municipal External	County of Simcoe	Deborah Korolnek General Manager of Engineering, Planning and Environment
Municipal External	County of Simcoe	Jim Hunter, P.Eng Director Transportation Construction
Municipal External	County of Simcoe	Rachelle Hamelin
Municipal External	County of Simcoe	David Parks Director of Planning, Development and Tourism

Group	Organization	Name
Municipal External	Children's Aid Society	Administration Department
Municipal External	County of Simcoe	Brenda Clark Clerk
Municipal External	County of Simcoe	Mark Aitken Chief Administrative Officer
Municipal External	County of Simcoe	Mr. Bill Brown, P. Eng. County Engineer
Municipal External	County of Simcoe	Rachelle Hamelin
Municipal External	Township of Oro-Medonte	Doug Irwin Director of Corporate Services/ Town Clerk
Municipal External	Township of Oro-Medonte	Andria Leigh Director or Development Services
Municipal External	Township of Oro-Medonte	Derek Witlib Manager, Planning Services
Municipal External	Township of Oro-Medonte	Lisa McNiven Manager, Transportation Services
Municipal External	Township of Oro-Medonte	Fred MacGregor Manager, Environmental Services
Municipal External	Township of Oro-Medonte	Lynn Burness Transportation Services Assistant
Municipal External	Township of Oro-Medonte	Jerry Ball Director Transportation & Environmental Services
Municipal External	Township of Oro-Medonte	Michelle Jakobi
Municipal External	Township of Oro Mendonte	Mr. Keith Mathieson
Municipal External	Township of Oro Mendonte	Ms. Andria Leigh, Planner
Municipal External	City of Barrie	Nina Brancaccio Executive Assistant to the Mayor
Municipal External	City of Barrie	Dawn McAlpine City Clerk
Municipal External	City of Barrie	Leonard Borgdorff Senior Project Engineer
Municipal External	City of Barrie	Faye Wang P.Eng Construction Project Manager
Municipal External	City of Barrie	Richard Forward General Manager, Infrastructure & Growth Management
Municipal External	City of Barrie	Steven Naylor Director of Planning Department
Municipal External	City of Barrie	Jacqueline Weston Director of Engineering
Municipal External	City Of Barrie	Mr. John Craig, Clerk
Municipal External	City Of Barrie	Carla Ladd CAO
Municipal External	Town of Bradford West Gwillimbury	Jay Currier Town Manager
Municipal External	Town of Bradford West Gwillimbury	Rob Keffer Mayor
Municipal External	Town of Bradford West Gwillimbury	Mike Disano Manager of Economic Development
Municipal External	Town of Bradford West Gwillimbury	Arup Mukherjee Director of Engineering Services

Group	Organization	Name
Municipal External	Town of Bradford West Gwillimbury	Rebecca Murphy Municipal Clerk
Municipal External	Town of Bradford West Gwillimbury	Frank Jonkman Drainage Superintendent / Project Manager
Municipal External	Town of Bradford West Gwillimbury	Angelina Devellis Engineering Services Administrative Assistant
Municipal External	Town of Bradford West Gwillimbury	Gavin Watson Manager of Development Engineering
Municipal External	Town of Bradford West Gwillimbury	Paul Feehely Superintendent of Public Works
Municipal External	Town of Bradford West Gwillimbury	Tami Kitay Senior Planner
Municipal External	Town of Bradford West Gwillimbury	Mr. Ron Kneeshaw, Superintendent of Public Works
Municipal External	Town of Bradford West Gwillimbury	Mr. Eric Hodgin, Town Planner
Municipal External	Town of Innisfil	Angela Grenier Executive Assistant to Deputy CAO/Town Engineer
Municipal External	Town of Innisfil	Andy Campbell Deputy CAO / Town Engineer
Municipal External	Town of Innisfil	Patty Thoma Town Clerk
Municipal External	Town of Innisfil	Carolyn Payne
Municipal External	Town of Innisfil	Wayne Young Manager of Roads
Municipal External	Town of Innisfil	Town of Innisfil
Municipal External	Town of Innisfil	Doug Lougheed
Municipal External	Town of Innisfil	Gord Wauchope Mayor
Municipal External	Town of Innisfil	Mr. Wayne Young Manager of Operational Services
Municipal External	Town of Innisfil	Ms. Lynn Dollin Councillor - Ward 7
Municipal External	Town of Innisfil	Mr. Heng Jiang
Municipal External	Town of Innisfil	Steve Montgomery
Municipal External	Town of New Tecumseth	Cindy Maher Town Clerk/Administration Services
Municipal External	Town of New Tecumseth	Sir/Madam Director Planning and Development

Group	Organization	Name
Municipal External	Town of New Tecumseth	Chad Horan Director of Public Works
Municipal External	Town of New Tecumseth	Brendan Holly Deputy CAO/ Director of Technical Services
Municipal External	Town of New Tecumseth	Lester Lipiec Transportation Coordinator, Engineering Dept.
Municipal External	Town of New Tecumseth	Bruce Hoppe
Municipal External	Town of New Tecumseth	Rick Vatri
Municipal External	Town of Tecumseth	Mr .Stephen Naylor, Manager of Planning
Municipal External	Township of Essa	Dan Perreault Manager of Public Works
Municipal External	Township of Essa	Colleen Healey Manager of Planning and Development
Municipal External	Township of Essa	Terry Dowdall Mayor
Municipal External	Township of Essa	Bonnie Sander Town Clerk
Municipal External	Township of Essa	Mr. Greg Murphy, Manager of Public Works & Parks
Municipal External	Township of Springwater	John Daly Director of Corporate Services & Clerk
Municipal External	Township of Springwater	Brad Sokach Director of Public Works
Municipal External	Township of Springwater	Brent Spagnol Manager of Planning
Municipal External	Town of Innisfil	Carolyn J. Ali Manager of Engineering
Municipal External	Town of Innisfil	Danile Cole
Municipal External	Town of Innisfil - Innservices	Tom Panak Senior Engineer
Municipal External	Town of Innisfil - Innservices	Carolyn Ali
Municipal External	Town of Innisfil	Carolina Cautillo
Municipal External	Town of Innisfil	Jessica Jenkins
Municipal External	Town of Innisfil	Donna Orsatti

Group	Organization	Name
Municipal External	Town of Innisfil	Tim Cane Manager of Land Use Planning
Municipal External	City Of Barrie	Arif Khan Councillor - Ward 8
Municipal External	City Of Barrie	Lauren Wild
Municipal External	City Of Barrie	John Brassard
Municipal External	City Of Barrie	Lorran Cooney Senior Infrastructure Planning Technologist
Municipal External	City Of Barrie	Clare Maher
Municipal External	City Of Barrie Engineering Department	Kate Ash Policy & Standards Technologist
Municipal External	City of Barrie Parks Planning & Development	Walter Fischer Supervisor
Municipal External	City Of Barrie	Sherry Diemert
Municipal External	City Of Barrie	Tracie Howell
Municipal External	City Of Barrie	Frank Palka
Municipal External	City Of Barrie	Tom Hanrahan
Municipal External	City of Barrie	Stew Patterson, P. Eng., Mgr. of Infrastructure Planning
Municipal External	City of Barrie	Ralph Scheunemann Senior Infrastructure Planning Engineer
Municipal External	City of Barrie	Brett Gratrix Infrastructure Planning Engineer
Municipal External	City of Barrie	Jeff Lehman Mayor
Municipal External	County of Simcoe	Jae Park
Municipal External	County of Simcoe	Julie Scruton, P.Eng., Project Engineer Transportation & Engineering
Municipal External	County of Simcoe	Christian Meile Director, Transportation Maintenance
Emergency Services External	City of Barrie Fire Department	John Lynn Fire Chief
Emergency Services External	City of Barrie Fire Department	Bill Boyes Deputy Fire Chief
Emergency Services External	City of Barrie Police Department	Kimberley Greenwood Police Chief
Emergency Services External	County of Simcoe Administration Centre	Cathy Clark Manager of 911 & Emergency Planning

Group	Organization	Name
Emergency Services External	County of Simcoe Paramedic Services	Stephen Trafford Deployment & Planning Supervisor
Emergency Services External	County of Simcoe Paramedic Services	Andrew Robert Director & Chief, Paramedic Services
Emergency Services External	Simcoe County Paramedic Services	Peter Tozer Deputy Chief
Emergency Services External	Innisfil Fire & Rescue Service, Town of Innisfil	Tom Raeburn, Deputy Fire Chief
Emergency Services External	Innisfil Fire & Rescue Service, Town of Innisfil	Jon Pegg, Fire Chief
Emergency Services External	South Simcoe Police Service	Allan Cheesman Deputy Chief of Police
Emergency Services External	South Simcoe Police Service	Richard Beazley Chief of Police
Emergency Services External	Ontario Provincial Police	Paula Brown Planning Officer, Research Section
Emergency Services External	Ontario Provincial Police (OPP)	Chris Lewis Police Commissioner
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Kevin Gallant Fire Chief
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Michael Rozario Deputy Fire Chief
Emergency Services External	Town of New Tecumseth Fire Department	Dan Heydon Fire Chief/ Community Emergency Management
Emergency Services External	Towhship of Essa	Cynthia Ross Tustin Fire Chief
Emergency Services External	Township of Oro-Medonte Fire and Emergency Services	Hugh Murray Fire Chief
Emergency Services External	Ontario Provincial Police (OPP)	Michael Burton
Emergency Services External	Ontario Provincial Police (OPP)	Laurie Taylor-Boldton Inspector - Aurora
Emergency Services External	Ontario Provincial Police (OPP)	Derrick Lafleur
Emergency Services External	Ontario Provincial Police (OPP)	Scott Rome
Emergency Services External	South Simcoe Police Service	Maria Gucciardi Executive Assistant to the Chief of Police
Utilities External	Petro Canada	Sophie Collin-Jacques Central Regoin Real Estate (Ontario)
Utilities External	Allstream	Christine Barnes Permits Coordinator
Utilities External	Bell Canada	Maureen Marshall Implementation Manager- Huronia, York
Utilities External	Bell Canada	Andrew Fournier Implementation Manager, Network Provisioning
Utilities External	Cogeco Data Services	James Busher Network Specialist
Utilities External	Enbridge Gas Distribution	Arnel Mangalino Distribution Asset Management

Group	Organization	Name
Utilities External	Enbridge Natural Gas Pipelines	Russ McLean Manager, GIS and Record Administration
Utilities External	Hydro One	Brian Zeigler
Utilities External	HydroOne	Brian McCormick Manager
Utilities External	Powerstream Inc.	Todd Bowman Supervisor of Capital
Utilities External	Rogers Communications Inc.	Graham McPherson System Planner
Utilities External	Trans-Northern Pipelines Inc.	Satish Korpai
Utilities External	Union Gas Limited	Bridget Jones Manager, Land Services
Utilities External	Union Gas Limited	Faye Wang P.Eng Construction Project Manager
Utilities External	Union Gas Limited	Adam Beaumont, District Engineering Intern – Eastern District
Interest Group Public	In accordance with the Freedom of Information and Protection of Privacy Act, personal information of members of the public has been removed.	
Public		
Potentially Impacted Property Owner		

**Permission to Enter Requests
2014/2015**

Our Ref.: 33017553

Sir / Madam

**RE: REQUEST FOR PERMISSION TO ENTER YOUR PROPERTY
Highway 400 Improvements from 1km South of Highway 89 to the Junction at Highway 11
W.O. 06-20016 – Preliminary Design & Class Environmental Assessment Study
Town of Innisfil, City of Barrie in Simcoe County
Ontario Ministry of Transportation (MTO)**

Sir / Madam,

AECOM (formerly URS Canada Inc.) has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Preliminary Design Study to examine the nature of improvements required to address traffic operations, capacity, and safety needs along a 30 km section of Highway 400 from 1 km south of Highway 89 to the junction at Highway 11. Reasonable alternatives to address the required improvements will be developed and evaluated leading to the selection of a preferred alternative(s). The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County (see Key Plan on the following page).

The Ministry is requesting that a “Permission to Enter” form be signed, by the property owner, which will allow members of the project team to undertake field surveys and investigations along Highway 400 in order to complete field work required for the project. Access to your property may be required on one or more occasions during the course of the project.

A “Permission to Enter” form is included with this letter. Please review the form, sign one copy and retain a copy for your files, and return it back to the undersigned as soon as possible.

If you are a tenant of the property noted on the attached “Permission to Enter” form, or are not the property owner, please kindly contact the undersigned, and we will arrange to forward this letter and form to the appropriate contact.

If you have any questions or concerns about the proposed work or require assistance in completing the form, please contact the undersigned. If you wish to contact the AECOM Consultant Project Manager about the proposed work, please call Mr. Tim Soroichinsky, Project Manager, at 905-882-3522.

Sincerely,
AECOM



Karen Cooper, P.Eng.

Deputy Project Manager

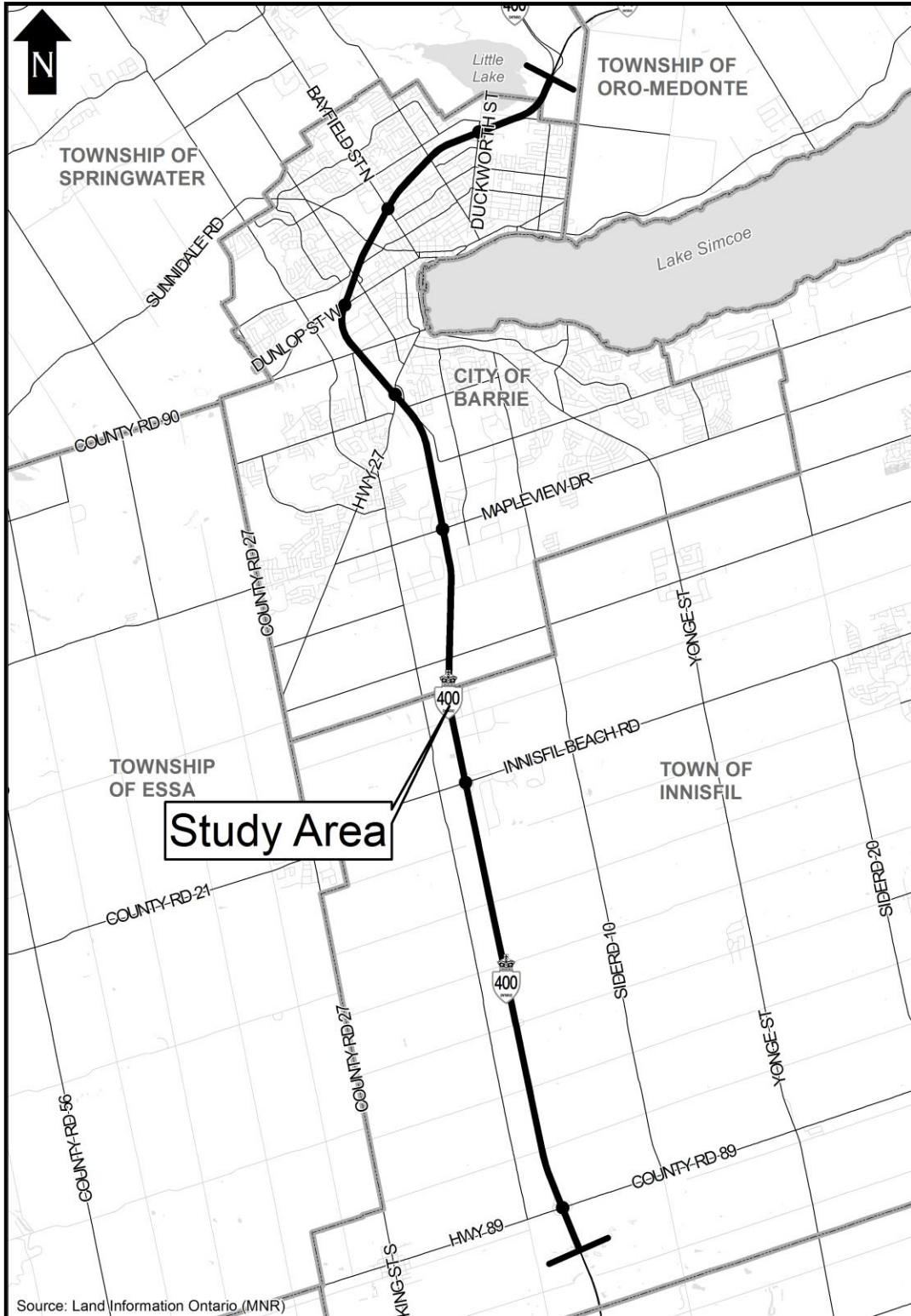
Tel: 905.747.1854, Fax: 905.882.4399

E-mail: karen.cooper@aecom.com

encl. Permission to Enter Form

Cc. J. White -MTO Project Manager

Key Plan



Source: Land Information Ontario (MNR)



For Internal Use Only	
W.P. No.:	
Highway No.:	
Dist. No.:	Region:
P-Plan:	

PERMISSION TO ENTER

Owner(s) Name and Address:

As owners of:

Lot/Block:

Town/Township:

Part(s)/Sketched:

PIN:

Registry Office:

Concession/RP:

Municipality:

Geographic Township:

Ministry Plan:

Registration #:

Registration Division:

I/we grant permission to Her Majesty The Queen in Right of Ontario as represented by the Minister of Transportation for the province of Ontario, Her employees, agents, contractors, consultants, etc., to enter my/our property for the purpose of carrying out the following work:

- Ground/Field survey for natural sciences investigations.
- Ground/Field survey: potentially requiring boreholes and/or test pits for pavement, foundation and utility investigations.
- Archaeological investigations: Stage 2 Archaeology Assessment work may be required on your property adjacent to the Highway 400 Ministry of Transportation Right-of-Way. The Stage 2 Archaeology Assessment requires testing by test-pit or pedestrian survey. All areas requiring a test pit survey will be assessed at five meter intervals. All materials will be screened and all holes backfilled including replacement of the sod cap. Stage 2 work will be conducted according to the Ministry of Culture's Standards and Guidelines for Consulting Archaeologists (Standards and Guidelines).
- Preliminary Site Screening: A Preliminary Site Screening may be required to determine the potential for property contamination. A site walk through is required.

The granting of this permission in no way constitutes a release for damages that may be caused by the work, and I/We reserve the right to file a claim for any injury, loss or damage within two years from the day on which the damage becomes evident.

The Minister assumes the risk of injury or damages, and related reasonable legal fees of the Owner(s) to defend against third party claims, arising out of the Minister's use of the land except to the extent that the injury or damages are caused by the Owner(s)' negligence.

Please include the following:

Telephone Number: _____

E-mail Address: _____

Dated at _____ this _____ day of _____, _____

Print Name(s) (and position held if corporation)

Print Name(s) (and position held if corporation)

Signature(s)

Signature(s)

Witness (where executing party is not a corporation)

Seal or Authority To Bind (if corporation)



For Internal Use Only	
W.P. No.:	
Highway No.:	
Dist. No.:	Region:
P-Plan:	

PERMISSION TO ENTER

Owner(s) Name and Address:

As owners of:

Lot/Block:	Concession/RP:
Town/Township:	Municipality:
Part(s)/Sketched:	Geographic Township:
PIN:	Ministry Plan:
Registry Office:	Registration #:
	Registration Division:

I/we grant permission to Her Majesty The Queen in Right of Ontario as represented by the Minister of Transportation for the province of Ontario, Her employees, agents, contractors, consultants, etc., to enter my/our property for the purpose of carrying out the following work:

- Ground/Field survey for natural sciences investigations.
- Ground/Field survey: potentially requiring boreholes and/or test pits for pavement, foundation and utility investigations.
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The Minister assumes the risk of injury or damages, and related reasonable legal fees of the Owner(s) to defend against third party claims, arising out of the Minister’s use of the land except to the extent that the injury or damages are caused by the Owner(s)’ negligence.

Please include the following:

Telephone Number: _____

E-mail Address: _____

Dated at _____ this _____ day of _____, _____

Print Name(s) (and position held if corporation)

Print Name(s) (and position held if corporation)

Signature(s)

Signature(s)

Witness (where executing party is not a corporation)

Seal or Authority To Bind (if corporation)

**Notice of Transportation Environmental
Study Report Submission
Highway 400 Improvements
from 1 km South of Highway 89 to the
Junction of Highway 11**

Notice of Transportation Environmental Study Report Addendum Submission

Highway 400 Improvements from 1 km South of Highway 89 to the Junction of Highway 11 (W.O. 06-20016)

Class Environmental Assessment and Preliminary Design Study Update

THE PROJECT

AECOM has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Class Environmental Assessment (EA) and Preliminary Design Update Study along Highway 400 from 1 km south of Highway 89 to the Junction of Highway 11. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County.

BACKGROUND

A Transportation Environmental Study Report (TESR) for improvements to Highway 400 from 1 km south of Highway 89 to the Junction of Highway 11 (G.W.P. 30-95-00, April 2004), was made available for public review in 2004 and later received Environmental Clearance to proceed to further stages of design. This study update has revisited the approved plan outlined in the 2004 TESR, to incorporate future (2031) traffic projections and address associated capacity, operational and safety needs. This study has confirmed that this section of the Highway 400 corridor needs to be widened to 10 lanes throughout the majority of the study area by 2031.

Key features of the Recommended Plan include widening of Highway 400 to five (5) lanes in each direction (four (4) general purpose lanes and one (1) high occupancy vehicle (HOV) lane) from Highway 89 to Duckworth, and to eight (8) lanes between Duckworth and the Junction at Highway 11, improvements to Highway 400 interchanges (at Highway 89, Innisfil Beach Road, Mapleview Drive, Essa Road, Dunlop Street, and Bayfield Street), illumination, drainage, installation of noise barriers at seven (7) locations and Intelligent Traffic Systems.

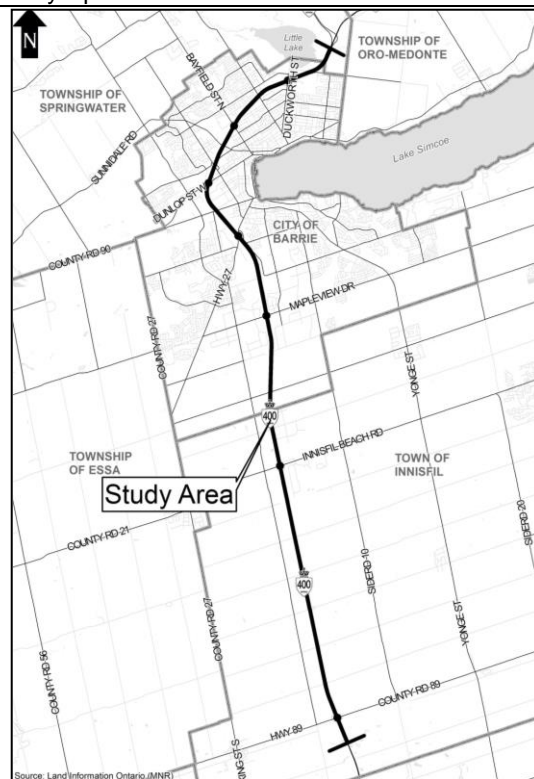
CHANGES TO THE 2004 TESR

The changes to the 2004 TESR include additional property required to accommodate grading modifications along some sections of Highway 400 and various interchanges, and for stormwater management ponds. Other changes to the recommended plan include a new interchange configuration at Mapleview Drive, as well as other interchange modifications, the addition of two (2) newly recommended noise walls, the extension of noise walls previously recommended, and the replacement of various culverts.

THE PROCESS

This study is following the approved planning process for a Group 'B' project under the *MTO Class EA for Provincial Transportation Facilities (2000)*.

A TESR Addendum has been prepared to document changes to the recommended plan outlined in the 2004 TESR. The TESR Addendum includes a discussion on the need for the changes to the 2004 TESR, the generation, assessment and evaluation of alternatives, the recommended plan, a summary of environmental issues and potential mitigation measures, a summary of consultation undertaken, and commitments to be carried out during future design and construction. The TESR Addendum is available for a 30-day review period commencing **Thursday November 9, 2017** and ending **Friday December 8, 2017**. The TESR Addendum may be viewed at the following locations during regular business hours and on the project website at: <http://highway400improvements89to11.ca>



Town of Innisfil, Town Hall

2101 Innisfil Beach Road,
Innisfil, ON L9S 1A1
Telephone: 705 436 3710
Monday to Friday: 8:30 am to 4:00 pm

Innisfil Public Library, Churchill Branch

2282 4th Line, Innisfil, ON L0L 1K0
Telephone: 705 456 2671
Tuesday to Thursday: 3:00 pm – 7:00 pm
Saturday: 10:00 am – 3:00 pm

Interested persons are encouraged to review the TESR Addendum and provide written comments to the Ministry of Transportation and AECOM during the 30-day review period (ending **Friday December 8, 2017**). If after consulting with the Ministry and consultant staff, you still have serious unresolved concerns, you have the right to request the Minister of the Environment and Climate Change (in writing to: Ferguson Block, 11th Floor, 77 Wellesley Street West, Toronto, Ontario M7A 2T5) to issue a Part II Order (i.e. bump-up) for this project. A Part II Order may lead to the preparation of an Individual EA. A copy of the Part II Order request that is sent directly to the Minister of the Environment and Climate Change should also be forwarded to the Ministry of Transportation and consultant staff at the addresses below. Only changes described in the TESR Addendum are eligible for Part II Orders. If there are no outstanding concerns at the end of the 30-day review period (ending **Friday December 8, 2017**) the project will be considered to have met the requirements of the Class EA. In the event that a Part II Order request is granted, MTO has the option to withdraw the Addendum.

COMMENTS

To obtain additional information or to provide input please contact the Project Team as follows:

Tim Sorochinsky, P. Eng

Consultant Senior Project Manager
AECOM
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905 882 3522
Fax: 905 882 4399

Tyler Drygas, B.A.A

Consultant Senior Environmental Planner
AECOM
4th Floor, 30 Leek Crescent
Richmond Hill, ON L4B 4N4
Tel: 905 882 4401
Fax: 905 882 4399

Robert Vandenberg, P. Eng.

Project Manager
Highway Engineering, York Simcoe
Ministry of Transportation, Central Region
159 Sir William Hearst Avenue, 4th Floor
Toronto, ON M3M 0B7
Tel: 416 235 5483 Fax: 416 235 3576

Email: projectteam@highway400improvements89to11.com, or **visit us at** <http://highway400improvements89to11.ca>

There is an opportunity at any time during the study for interested persons to provide input to the Project Team regarding the study. Comments are being collected to assist MTO in meeting the requirements of the *Ontario EA Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed above.

Ministry of Transportation

Highway Engineering – York Simcoe
Central Region

4th Floor, Building D
1201 Wilson Avenue
Downsview, ON M3M 1J8
Tel.: 416-235-5483
Fax: 416-235-3576

Ministère des Transports

Génie Routier – York-Simcoe
Région du Centre

4e étage, edifice D
1201 avenue Wilson
Downsview, ON M3M 1J8
Tél.: 416-235-5483
Télééc. 416-235-3576



November 3, 2017

Indigenous community Letter

«Name»

«Organization»

«Address»

Dear «Greeting»:

**RE: Notice of Transportation Environmental Study Report Addendum Submission
Highway 400 Improvements from 1 km South of Highway 89 to the Junction of Highway 11**
Preliminary Design and Class Environmental Assessment Study Update
Town of Innisfil, City of Barrie, Township of Springwater within Simcoe County
Ontario Ministry of Transportation (W.O. 06-20016)

AECOM has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Class Environmental Assessment (EA) and Preliminary Design Update Study along Highway 400 from 1 km south of Highway 89 to the Junction of Highway 11. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County.

A Transportation Environmental Study Report (TESR) for improvements to Highway 400 from 1 km south of Highway 89 to the Junction of Highway 11 (G.W.P. 30-95-00, April 2004), was made available for public review in 2004 and later received Environmental Clearance to proceed to further stages of design. This study update has revisited the approved plan outlined in the 2004 TESR, to incorporate future (2031) traffic projections and address associated capacity, operational and safety needs. This study has confirmed that this section of the Highway 400 corridor needs to be widened to 10 lanes throughout the majority of the study area by 2031.

Key features of the Recommended Plan include widening of Highway 400 to five (5) lanes in each direction (four (4) general purpose lanes and one (1) high occupancy vehicle (HOV) lane) from Highway 89 to Duckworth, and to eight (8) lanes between Duckworth and the junction at Highway 11, improvements to Highway 400 interchanges (at Highway 89, Innisfil Beach Road, Mapleview Drive, Essa Road, Dunlop Street, and Bayfield Street), illumination, drainage, installation of noise barriers at seven (7) locations and Intelligent Traffic Systems.

The changes to the 2004 TESR include additional property required to accommodate grading modifications along some sections of Highway 400 and various interchanges, and for stormwater management ponds. Other changes to the recommended plan include a new interchange configuration at Mapleview Drive, as well as other interchange modifications, the addition of two (2) newly recommended noise walls, the extension of noise walls previously recommended, and the replacement of various culverts.

This study is following the approved planning process for a Group 'B' project under the MTO *Class EA for Provincial Transportation Facilities (2000)*.

As part of the overall Highway 400 Improvements Study, a Stage 2 Archaeological Assessment was undertaken to include all areas of impact where Permission to Enter has been granted. The Stage 2 Archaeological Assessment Report was prepared to document the results of all background research

and fieldwork, and contains all necessary photographic and cartographic documentation, including recommendations for Stage 3 work, should it be required.

The Project Team has also conducted a natural sciences review of the study area. Background information relating to natural heritage features has been collected to characterize the vegetation communities, fish and fish habitat, as well as wildlife and wildlife habitat. A Natural Heritage Report was prepared to support the assessment of impacts and proposed mitigation measures associated with improvements to this section of the Highway 400 corridor.

The purpose of this letter is to notify you that the Transportation Environmental Study Report (TESR) Addendum has been prepared to document changes to 2004 TESR. The TESR Addendum includes a discussion on the need for the changes to the 2004 TESR, the generation, assessment and evaluation of alternatives, the recommended plan, a summary of environmental issues and potential mitigation measures, a summary of consultation undertaken, and commitments to be carried out during future design and construction. The TESR Addendum is available for a 30-day review period commencing **Thursday November 9, 2017** and ending **Friday December 8, 2017**. The TESR Addendum may be viewed at the locations listed on the enclosed *Notice of TESR Addendum Submission* and on the project website at: <http://highway400improvements89to11.ca>

Interested persons are encouraged to review the TESR Addendum and provide written comments to the Ministry of Transportation and AECOM during the 30-day review period (ending **Friday December 8, 2017**). If after consulting with the Ministry and consultant staff, you still have serious unresolved concerns, you have the right to request the Minister of the Environment and Climate Change (in writing to: Ferguson Block, 11th Floor, 77 Wellesley Street West, Toronto, Ontario M7A 2T5) to issue a Part II Order (i.e. bump-up) for this project. A Part II Order may lead to the preparation of an Individual EA. A copy of the Part II Order request that is sent directly to the Minister of the Environment and Climate Change should also be forwarded to the Ministry of Transportation and consultant staff at the addresses below. Only changes described in the TESR Addendum are eligible for Part II Orders. If there are no outstanding concerns at the end of the 30-day review period (ending **Friday December 8, 2017**) the project will be considered to have met the requirements of the Class EA. In the event that a Part II Order request is granted, MTO has the option to withdraw the Addendum.

If you would like to provide comments, or if you require further information regarding this study, please feel free to contact me by phone at 416-235-5483 or by e-mail at robert.vandenberg@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange a meeting at your earliest convenience. You may also visit the project website (<http://highway400improvements89to11.ca>) to view information about the study

Sincerely,
Ministry of Transportation



Robert Vandenberg, P. Eng.
Project Engineer

Cc. S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky- AECOM Senior Project Manager
K. Cooper - AECOM Deputy Project Manager
T. Drygas - AECOM Senior Environmental Planner
S. Schmied - AECOM Environmental Planner

Encl. Notice of Transportation Environmental Study Report Addendum Submission



AECOM
30 Leek Cres., 4th Floor
Richmond Hill, ON
L4B 4N4
Canada
www.aecom.com

905-882-4401 tel
905-882-4399 fax

November 3, 2017

«Name» **Letter to Members of Parliament and Members of Provincial Parliament**
«Organization»
«Address»

Dear «Greeting»:

**RE: Notice of Transportation Environmental Study Report Addendum Submission
Highway 400 Improvements from 1 km South of Highway 89 to the Junction of Highway 11
Preliminary Design and Class Environmental Assessment Study Update
Town of Innisfil, City of Barrie, Township of Springwater within Simcoe County
Ontario Ministry of Transportation (W.O. 06-20016)**

AECOM has been retained by the Ontario Ministry of Transportation (MTO) to undertake a Class Environmental Assessment (EA) and Preliminary Design Update Study along Highway 400 from 1 km south of Highway 89 to the Junction of Highway 11. The project limits are located within the Town of Innisfil, City of Barrie, and the Township of Springwater within Simcoe County.

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Key features of the Recommended Plan include widening of Highway 400 to five (5) lanes in each direction (four (4) general purpose lanes and one (1) high occupancy vehicle (HOV) lane) from Highway 89 to Duckworth, and to eight (8) lanes between Duckworth and the junction at Highway 11, improvements to Highway 400 interchanges (at Highway 89, Innisfil Beach Road, Mapleview Drive, Essa Road, Dunlop Street, and Bayfield Street), illumination, drainage, installation of noise barriers at seven (7) locations and Intelligent Traffic Systems.

The changes to the 2004 TESR include additional property required to accommodate grading modifications along some sections of Highway 400 and various interchanges, and for stormwater management ponds. Other changes to the recommended plan include a new interchange configuration at Mapleview Drive, as well as other interchange modifications, the addition of two (2) newly recommended noise walls, the extension of noise walls previously recommended, and the replacement of various culverts.

This study is following the approved planning process for a Group 'B' project under the *MTO Class EA for Provincial Transportation Facilities (2000)*.

The purpose of this letter is to notify you that the Transportation Environmental Study Report (TESR) Addendum has been prepared to document changes to the 2004 TESR. The enclosed Notice of TESR Addendum Submission will appear in the Innisfil Journal, Alliston Herald, Barrie Advance, and Barrie Examiner newspapers on Thursday November 9, 2017.

The TESR Addendum includes a discussion on the need for the changes to the 2004 TESR, the generation, assessment and evaluation of alternatives, the recommended plan, a summary of environmental issues and potential mitigation measures, a summary of consultation undertaken, and commitments to be carried out during future design and construction. The TESR Addendum is available for a 30-day review period commencing **Thursday November 9, 2017** and ending **Friday December 8, 2017**. The TESR Addendum may be viewed at the locations listed on the enclosed *Notice of TESR Addendum Submission* and on the project website at: <http://highway400improvements89to11.ca>

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If you would like to provide comments or if you require further information regarding this study, please feel free to contact me at 905-882-4401 or by email at projectteam@highway400improvements89to11.com. You may also contact the MTO Project Manager, Robert Vandenberg, at 416-235-5483. Comments are being collected to assist MTO in meeting the requirements of the Ontario *Environmental Assessment Act*. This material will be maintained on file for use during the study and may be included in project documentation. Information collected will be used in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members listed in the attached *Notice of TESR Addendum Submission*.

Sincerely,

AECOM



Tyler Drygas, B.A.A
Senior Environmental Planner

Cc. R. Vandenberg - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - AECOM Senior Project Manager
K. Cooper - AECOM Deputy Project Manager
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Richmond Hill, ON
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Canada
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905-882-4401 tel
905-882-4399 fax

November 3, 2017

Public and External Agency Letter

«Name»
«Organization»
«Address»

Dear «Greeting»:

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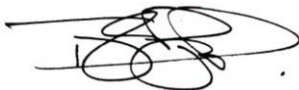
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If you would like to provide comments or if you require further information regarding this study, please feel free to contact me at 905-882-4401 or by email at projectteam@highway400improvements89to11.com. You may also contact the MTO Project Manager, Robert Vandenberg, at 416-235-5483.

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Sincerely,

AECOM



Tyler Drygas, B.A.A
Senior Environmental Planner

Cc. R. Vandenberg - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
T. Sorochinsky - AECOM Senior Project Manager
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Enclosed: Notice of Transportation Environmental Study Report Addendum Submission



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Richmond Hill, ON
L4B 4N4
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905-882-4401 tel
905-882-4399 fax

November 3, 2017

Potentially Impacted Property Owner Letter

«Name»
«Organization»
«Address»

Dear «Greeting»:

RE: Notice of Potential Property Impacts and Transportation Environmental Study Report Addendum Submission
Highway 400 Improvements from 1 km South of Highway 89 to the Junction of Highway 11
Preliminary Design and Class Environmental Assessment Study Update
Town of Innisfil, City of Barrie, Township of Springwater within Simcoe County
Ontario Ministry of Transportation (W.O. 06-20016)

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Key features of the Recommended Plan include widening of Highway 400 to five (5) lanes in each direction (four (4) general purpose lanes and one (1) high occupancy vehicle (HOV) lane) from Highway 89 to Duckworth, and to eight (8) lanes between Duckworth and the junction at Highway 11, improvements to Highway 400 interchanges (at Highway 89, Innisfil Beach Road, Mapleview Drive, Essa Road, Dunlop Street, and Bayfield Street), illumination, drainage, installation of noise barriers at seven (7) locations and Intelligent Traffic Systems.

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The purpose of this letter is to notify you that the Transportation Environmental Study Report (TESR) Addendum has been prepared to document changes to the 2004 TESR and that your property is potentially impacted by the recommended plan. The TESR Addendum

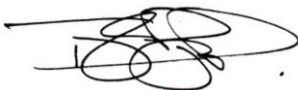
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Sincerely,

AECOM



Tyler Drygas, B.A.A
Senior Environmental Planner

Cc. R. Vandenberg - MTO Project Engineer
S. Sieradzki - MTO Senior Environmental Planner
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K. Cooper - AECOM Deputy Project Manager
S. Schmied - AECOM Environmental Planner

Enclosed: Notice of Transportation Environmental Study Report Addendum Submission

Group	Organization	Name
First Nation	Metis Nation of Ontario Head Office	Metis Consultation Unit
First Nation	Metis Nation of Ontario	James Wagar Supervisor, Lands and Resources
First Nation	Mississaugas of Scugog Island First Nation	Rhonda Coppaway
First Nation	Mississaugas of Scugog Island First Nation	Chief Kelly LaRocca
First Nation	Chippewas of Georgina Island First Nation	Chief Donna Big Canoe
First Nation	Chippewas of Rama First Nation	Hollie Nolan Executive Assistant to the Chief, Administration
First Nation	Chippewas of Rama First Nation	Chief Rodney Noganosh
First Nation	Coordinator for Williams Treaties First Nations	Karry Sandy-McKenzie Barrister/Solicitor and Coordinator
First Nation	Hiawatha First Nation	Chief Greg Cowie
First Nation	Hiawatha First Nation	Councillor Lorne Potash
First Nation	Hiawatha First Nation	Lori Ritter & Diane Sheridan, Land Resource Workers
First Nation	Beausoleil First Nation (Christian Island)	Chief Roland Monague
First Nation	Alderville First Nation	Chief James R. Marsden
First Nation	Alderville First Nation	Dave Simpson Councillor
First Nation	Alderville First Nation	Melanie Arthur Lakes & Resources Communications Clerk
First Nation	Alderville First Nation	Skye Anderson Consultation Clerical Support, Lands and Resources
First Nation	Curve Lake First Nation	Keith Knott
First Nation	Curve Lake First Nation	Councillor Ted Coppaway
First Nation	Curve Lake First Nation	Chief Phyllis Williams
First Nation	Mississauga of New Credit	Chief Bryan LaForme
First Nation	Mississauga of New Credit	Ms. Margaret Sault
First Nation	Mississaugas of Scugog Island First Nation	Dave Mowat
First Nation	Haudenosaunee Confederacy (Chiefs Council)	Hohahes Leroy Hill
First Nation	Ontario Native Affairs Secretariate	Sir/Madam
First Nation	Six Nations of the Grand River Territory	Chief Ava Hill
First Nation	Indian and Northern Affairs Canada	Sir/Madam Environmental Assessment
Member of Parliament	MP - York Simcoe	Peter Van Loan
Member of Parliament	MP - Barrie - Innisfil	John Brassard
Member of Parliament	MP - Simcoe-Grey	Dr. Kellie Leitch
Member of Provincial Parliament	MPP - City of Barrie	Ann Hoggarth
Member of Provincial Parliament	MPP - Simcoe--Grey	Jim Wilson

Member of Provincial Parliament	MPP - York--Simcoe	Julia Monro
INAC External	Indigenous and Northern Affairs Canada (INAC)	Consultation and Accommodation Unit
MAA External	Ministry of Indigenous Relations and Reconciliation	David Pickles Team Lead Consultation Unit
MAA External	Ministry of Indigenous Relations and Reconciliation	Corwin Troje Manager, Consultation Unit
MAA External	Ministry of Indigenous Relations and Reconciliation	Heather Levecque Manager, Consultation Unit, Aboriginal Relationships and Ministry Partnerships Division
External	Ministry of Tourism, Culture and Sport	Malcolm Horne Archaeology Review Officer
External	Ministries of Tourism, Culture and Sport	Rosi Zirger A/Heritage Planner
External	Lake Simcoe Region Conservation Authority	Tom Hogenbirk, P.Eng. Manager, Engineering and Technical Services
External	Lake Simcoe Region Conservation Authority	Bev Booth Manager of Planning
External	Lake Simcoe Region Conservation Authority	Mike Walters Watershed Director
External	Lake Simcoe Region Conservation Authority	Mr. Grahame Davis
External	Nottawasaga Valley Conservation Authority	Glenn Switzer Director of Engineering & Technical Services
External	Nottawasaga Valley Conservation Authority	David Featherstone Manager of Watershed Monitoring
External	Nottawasaga Valley Conservation Authority	Hendrix Amo
External	Nottawasaga Valley Conservation Authority	Kyra Howes Manager of Lands and Operations
External	Nottawasaga Valley Conservation Authority	Chris Hibberd Director of Planning Services
External	Nottawasaga Valley Conservation Authority	Mr. Wayne Wilson, CAO
External	Nottawasaga Valley Conservation Authority	Lee Bull Development Review Planner
External	Ministry of the Environment and Climate Change	Kevin Plautz Project Officer - Service Integration
External	Ministry of the Environment and Climate Change	Daniel Delaquis Environmental Resource Planner & Environmental Assessment Coordinator
External	Ministry of the Environment and Climate Change	Cindy Hood District Manager Barrie District Office
External	Ministry of the Environment and Climate Change	Shanon McNeil Environmental Resource Planner / EA Coordinator
External	Ministry of Agriculture, Food and Rural Affairs	Jocelyn Beatty

External	Ministry of Natural Resources and Forestry	Amanda McLachlan District Planner
External	Canadian Environment Assessment Agency	Anjala Puvananathan Director, Ontario Region
External	Ministry of Municipal Affairs and Housing	Timothy Haldenby Planning Projects - Team Lead
External	Ministry of Municipal Affairs and Housing	Mark Christine Manager, Community Planning and Development
External	Ministry of Economic Development and Trade	Adrian Bradford Senior Business Development Specialist
External	Infrastructure Ontario	Adam Redish Director Growth Policy, Planning and Analysis
External	Infrastructure Ontario	Charles O'Hara, Manager Growth Policy
External	Infrastructure Ontario	Lisa Myslicki
External	Ministry of Energy	Lynn Wong Issues Coordinator
External	Infrastructure Ontario	Keith Noronha
External	Infrastructure Ontario	Scott Midgley
External	Infrastructure Ontario	Jordan Erasmus Senior Planner
External	Ministry of Health and Long - Term Care	Ruth Alves Coordinator, Government Support & Internal Communications - Corporate Services Division
External	Metrolinx/GO Transit	Malcolm Mackay
External - Schools	Simcoe County District School Board	Holly Spacek Planning Officer
External - Schools	Simcoe County Roman Catholic Separate School Board	Sir/Madam
External - Schools	Simcoe County Student Transportation Consortium	Karen Miller Transportation Assisstant
External - Schools	Simcoe County Student Transportation Consortium	Bonnie Branch
External - Schools	Simcoe County Student Transportation Consortium	Renee Paulson
External - Schools	Simcoe Muskoka Catholic District School Board	Manager of Planning & Development
External	Ontario Realty Corporation	Julius Lindsay Reporting Specialist Professional Services
Municipal External	County of Simcoe	Chris Doherty Engineering Technician
Municipal External	County of Simcoe	Deborah Korolnek General Manager of Engineering, Planning and Environment
Municipal External	County of Simcoe	Jim Hunter, P.Eng Director Transportation Construction
Municipal External	County of Simcoe	Rachelle Hamelin

Municipal External	County of Simcoe	David Parks Director of Planning, Development and Tourism
Municipal External	Children's Aid Society	Administration Department
Municipal External	County of Simcoe	Brenda Clark Clerk
Municipal External	County of Simcoe	Mark Aitken Chief Administrative Officer
Municipal External	County of Simcoe	Mr. Bill Brown, P. Eng. County Engineer
Municipal External	County of Simcoe	Rachelle Hamelin
Municipal External	County of Simcoe	Jae Park
Municipal External	County of Simcoe	Julie Scruton, P.Eng., Project Engineer Transportation & Engineering
Municipal External	County of Simcoe	Christian Meile Director, Transportation Maintenance
Municipal External	Township of Oro-Medonte	Doug Irwin Director of Corporate Services/ Town Clerk
Municipal External	Township of Oro-Medonte	Andria Leigh Director or Development Services
Municipal External	Township of Oro-Medonte	Derek Witlib Manager, Planning Services
Municipal External	Township of Oro-Medonte	Lisa McNiven Manager, Transportation Services
Municipal External	Township of Oro-Medonte	Fred MacGregor Manager, Environmental Services
Municipal External	Township of Oro-Medonte	Lynn Burness Transportation Services Assistant
Municipal External	Township of Oro-Medonte	Jerry Ball Director Transportation & Environmental Services
Municipal External	Township of Oro-Medonte	Michelle Jakobi
Municipal External	Township of Oro Mendonte	Mr. Keith Mathieson
Municipal External	Township of Oro Mendonte	Ms. Andria Leigh, Planner
Municipal External	City of Barrie	Nina Brancaccio Executive Assistant to the Mayor
Municipal External	City of Barrie	Dawn McAlpine City Clerk
Municipal External	City of Barrie	Leonard Borgdorff Senior Project Engineer
Municipal External	City of Barrie	Richard Forward General Manager, Infrastructure & Growth Management
Municipal External	City of Barrie	Steven Naylor Director of Planning Department
Municipal External	City of Barrie	Robert Sutton Director of Engineering
Municipal External	City Of Barrie	Mr. John Craig, Clerk
Municipal External	City Of Barrie	Carla Ladd CAO
Municipal External	City Of Barrie	Tom Reeve

Municipal External	City Of Barrie	Arif Khan Councillor - Ward 8
Municipal External	City Of Barrie	Lauren Wild
Municipal External	City Of Barrie	Stacey Forfar
Municipal External	City Of Barrie	John Brassard
Municipal External	City Of Barrie	Lorran Cooney Senior Infrastructure Planning Technologist
Municipal External	City Of Barrie	Clare Maher
Municipal External	City Of Barrie Engineering Department	Kate Ash Policy & Standards Technologist
Municipal External	City of Barrie Parks Planning & Development	Walter Fischer Supervisor
Municipal External	City Of Barrie	Sherry Diemert
Municipal External	City Of Barrie	Tracie Howell
Municipal External	City Of Barrie	Frank Palka
Municipal External	City Of Barrie	Tom Hanrahan
Municipal External	City of Barrie	Stew Patterson, P. Eng., Mgr. of Infrastructure Planning
Municipal External	City of Barrie	Ralph Scheunemann Senior Infrastructure Planning Engineer
Municipal External	City of Barrie	Brett Gratrix Infrastructure Planning Engineer
Municipal External	City of Barrie	Jeff Lehman Mayor
Municipal External	Town of Bradford West Gwillimbury	Jay Currier Town Manager
Municipal External	Town of Bradford West Gwillimbury	Rob Keffer Mayor
Municipal External	Town of Bradford West Gwillimbury	Mike Disano Manager of Economic Development
Municipal External	Town of Bradford West Gwillimbury	Arup Mukherjee Director of Engineering Services
Municipal External	Town of Bradford West Gwillimbury	Rebecca Murphy Municipal Clerk
Municipal External	Town of Bradford West Gwillimbury	Frank Jonkman Drainage Superintendent / Project Manager
Municipal External	Town of Bradford West Gwillimbury	Angelina Devellis Engineering Services Administrative Assistant
Municipal External	Town of Bradford West Gwillimbury	Gavin Watson Manager of Development Engineering

Municipal External	Town of Bradford West Gwillimbury	Paul Feehely Superintendent of Public Works
Municipal External	Town of Bradford West Gwillimbury	Tami Kitay Senior Planner
Municipal External	Town of Bradford West Gwillimbury	Mr. Ron Kneeshaw, Superintendent of Public Works
Municipal External	Town of Bradford West Gwillimbury	Mr. Eric Hodgins, Town Planner
Municipal External	Town of Innisfil	Angela Grenier Executive Assistant to Deputy CAO/Town Engineer
Municipal External	Town of Innisfil	Andy Campbell Deputy CAO / Town Engineer
Municipal External	Town of Innisfil	Patty Thoma Town Clerk
Municipal External	Town of Innisfil	Carolyn Payne
Municipal External	Town of Innisfil	Wayne Young Manager of Roads
Municipal External	Town of Innisfil	Carolyn J. Ali Manager of Engineering
Municipal External	Town of Innisfil	Danile Cole
Municipal External	Town of Innisfil - Innservices	Tom Panak Senior Engineer
Municipal External	Town of Innisfil - Innservices	Carolyn Ali
Municipal External	Town of Innisfil	Carolina Cautillo
Municipal External	Town of Innisfil	Jessica Jenkins
Municipal External	Town of Innisfil	Donna Orsatti
Municipal External	Town of Innisfil	Tim Cane Manager of Land Use Planning
Municipal External	Town of Innisfil	Town of Innisfil
Municipal External	Town of Innisfil	Doug Lougheed
Municipal External	Town of Innisfil	Gord Wauchope Mayor
Municipal External	Town of Innisfil	Mr. Jason Inwood Manager of Operational Services
Municipal External	Town of Innisfil	Rob Nicol Councillor War 7

Municipal External	Town of Innisfil	Ms. Lynn Dollin Deputy Mayor
Municipal External	Town of Innisfil	Mr. Heng Jiang
Municipal External	Town of Innisfil	Steve Montgomery
Municipal External	Town of New Tecumseth	Cindy Maher Town Clerk/Administration Services
Municipal External	Town of New Tecumseth	Sir/Madam Director Planning and Development
Municipal External	Town of New Tecumseth	Chad Horan Director of Public Works
Municipal External	Town of New Tecumseth	Brendan Holly Deputy CAO/ Director of Technical Services
Municipal External	Town of New Tecumseth	Lester Lipiec Transportation Coordinator, Engineering Dept.
Municipal External	Town of New Tecumseth	Bruce Hoppe
Municipal External	Town of New Tecumseth	Rick Vatri
Municipal External	Town of Tecumseth	Mr .Stephen Naylor, Manager of Planning
Municipal External	Township of Essa	Dan Perreault Manager of Public Works
Municipal External	Township of Essa	Colleen Healey Manager of Planning and Development
Municipal External	Township of Essa	Terry Dowdall Mayor
Municipal External	Township of Essa	Bonnie Sander Town Clerk
Municipal External	Township of Essa	Mr. Greg Murphy, Manager of Public Works & Parks
Municipal External	Township of Springwater	John Daly Director of Corporate Services & Clerk
Municipal External	Township of Springwater	Brad Sokach Director of Public Works
Municipal External	Township of Springwater	Brent Spagnol Manager of Planning
Emergency Services External	City of Barrie Fire Department	John Lynn Fire Chief
Emergency Services External	City of Barrie Fire Department	Bill Boyes Deputy Fire Chief
Emergency Services External	City of Barrie Police Department	Kimberley Greenwood Police Chief
Emergency Services External	County of Simcoe Administration Centre	Cathy Clark Manager of 911 & Emergency Planning

Emergency Services External	County of Simcoe Paramedic Services	Stephen Trafford Deployment & Planning Supervisor
Emergency Services External	County of Simcoe Paramedic Services	Andrew Robert Director & Chief, Paramedic Services
Emergency Services External	Simcoe County Paramedic Services	Peter Tozer Deputy Chief
Emergency Services External	Innisfil Fire & Rescue Service, Town of Innisfil	Tom Raeburn, Deputy Fire Chief
Emergency Services External	Innisfil Fire & Rescue Service, Town of Innisfil	Jon Pegg, Fire Chief
Emergency Services External	South Simcoe Police Service	Maria Gucciardi Executive Assistant to the Chief of Police
Emergency Services External	South Simcoe Police Service	Allan Cheesman Deputy Chief of Police
Emergency Services External	South Simcoe Police Service	Richard Beazley Chief of Police
Emergency Services External	Ontario Provincial Police	Paula Brown Planning Officer, Research Section
Emergency Services External	Ontario Provincial Police (OPP)	Michael Burton
Emergency Services External	Ontario Provincial Police (OPP)	Laurie Taylor-Boldton Inspector - Aurora
Emergency Services External	Ontario Provincial Police (OPP)	Derrick Lafleur
Emergency Services External	Ontario Provincial Police (OPP)	Scott Rome
Emergency Services External	Ontario Provincial Police	Jvn (Vince) Hawkes Police Commissioner
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Kevin Gallant Fire Chief
Emergency Services External	Town of Bradford West Gwillimbury Fire Department	Michael Rozario Deputy Fire Chief
Emergency Services External	Town of New Tecumseth Fire Department	Dan Heydon Fire Chief/ Community Emergency Management
Emergency Services External	Towhship of Essa	Cynthia Ross Tustin Fire Chief
Emergency Services External	Township of Oro-Medonte Fire and Emergency Services	Hugh Murray Fire Chief
Utilities External	Petro Canada	Sophie Collin-Jacques Central Regoin Real Estate (Ontario)
Utilities External	Allstream	Christine Barnes Permits Coordinator
Utilities External	Bell Canada	Maureen Marshall Implementation Manager- Huronia, York
Utilities External	Bell Canada	Andrew Fournier Implementation Manager, Network Provisioning
Utilities External	Cogeco Data Services	James Busher Network Specialist
Utilities External	Enbridge Gas Distribution	Arnel Mangalino Distribution Asset Management

Utilities External	Enbridge Natural Gas Pipelines	Russ McLean Manager, GIS and Record Administration
Utilities External	Hydro One	Brian Zeigler
Utilities External	HydroOne	Brian McCormick Manager
Utilities External	HydroOne	Roman Dorfman Senior Real Estate Coordinator
Utilities External	Powerstream Inc.	Todd Bowman Supervisor of Capital
Utilities External	Rogers Communications Inc.	Graham McPherson System Planner
Utilities External	Trans-Northern Pipelines Inc.	Satish Korpai
Utilities External	Union Gas Limited	Bridget Jones Manager, Land Services
Utilities External	Union Gas Limited	Faye Wang P.Eng Construction Project Manager
Utilities External	Union Gas Limited	Adam Beaumont, District Engineering Intern – Eastern District
Interest Group Public	In accordance with the Freedom of Information and Protection of Privacy Act, personal information of members of the public has been removed.	
Potentially Impacted Property Owner		
Public		

Minutes of Municipal Meetings



Minutes of Meeting

Project: W.O. 06-20016 – Highway 400 Improvements from Highway 89 to the Junction of Highway 11 Meeting No. 3
Project No. 33017551 Date: November 12, 2014
Location: City of Barrie, City Hall, 70 Collier St., 9th Floor Boardroom Time: 10:00am–12:00pm
Purpose: Joint Municipal Meeting (County of Simcoe and City of Barrie) - Pre-PIC

MTO

Justin White - Project Manager

URS Canada Inc.

Karen Cooper - Deputy Project Manager
Holly Wright - Senior Environmental Planner
Sarah Schmied - Environmental Planner

Barrie

Brett Gratrix - Infrastructure Planning Engineer
Stew Patterson - Manager, Infrastructure & Planning

County of Simcoe

Chris Doherty - Engineering Technician
Julie Scruton - Project Engineer
Christian Meile - Director, Transportation Maintenance

-
- | <u>Items</u> | <u>Description</u> | <u>Action by:</u> |
|--------------|---|-------------------|
| 1. | Introductions
Attendees introduced themselves. K. Cooper thanked attendees for attending the meeting with the Project Team and provided a brief overview of the purpose/intent of the meeting. | |
| 2. | Public Information Centre (PIC) Displays
K. Cooper provided an overview of the project <i>Highway 400 just south of Highway 89 to the Junction of Highway 11 Preliminary Design and Class Environmental Assessment Study</i> and presented the draft Public Information Centre (PIC) #1 Displays via power point. S. Patterson requested copies of the PIC displays. J. White confirmed that he will provide these once the displays are finalized. | |
| 3. | Discussion Highlights
<u>Transportation Environmental Study Report (TESR)</u> <ul style="list-style-type: none">K. Cooper clarified that a TESR Addendum will only be required in the event that significant changes to the recommended plan and impacts outlined in the April 2004 TESR are identified. Otherwise, a | |

PLEASE NOTE: If your records of this meeting do not agree with this document, or if there are any omissions, please advise the writer at once, otherwise the contents of this document shall be assumed accurate and correct.

<u>Items</u>	<u>Description</u>	<u>Action by:</u>
	TESR Update will be prepared which will not undergo formal public and agency review.	

Highway 400 Cross Section

- B. Gratrix inquired if there would be protection for 12-lanes as part of this study. J. White responded that 12 lanes are not justified within the 2031 planning horizon.
- S. Patterson noted that the median barrier and storm sewer is currently under construction, and inquired regarding the throwaway cost of widening to the west in the future. J. White confirmed that the median work does not accommodate a future centerline shift.
- S. Patterson noted bike lane planning within the City of Barrie.
- S. Patterson asked if the Project Team has a preliminary preferred alternative for Section B of the highway 400 corridor and if a 12-lane cross section was considered. K. Cooper indicated that the Project Team will be evaluating alternatives, and that a 12-lane core-collector system was screened out as the traffic modeling showed that this would result in overbuilding the infrastructure.

Evaluation Criteria

- H. Wright noted that the Project Team is seeking input from the municipalities on the evaluation criteria.

Adjacent Projects

- S. Patterson inquired about the status of the McKay crossing of Highway 400 within the project limits. J. White responded that the purpose of the overall Highway 400 study is to determine future widening requirements so that short-term bridge replacements are designed for with the future long-term requirements. The McKay design will be based on the recommended widening configuration.
- S. Patterson noted that the City of Barrie has completed an Environmental Assessment for Bayfield Street widening to from 4 lanes to 6 lanes. J. White noted that improvements included in the City's Transportation Master Plan would only have status within the Highway 400 study if there is an EA approval granted.
- S. Patterson inquired if Tiffin Street is to be added to the list of related studies on the PIC display. J. White indicated that the Tiffin Street bridge replacement is part of a separate MTO study, whereas the listed projects are Design Build Ready projects associated with this overall Highway 400 improvements study. Personnel at the PIC will be able to discuss the listed projects, but no representative for the Tiffin Street project will be in attendance to respond to questions.
- C. Meile noted that the public may want to know if the Highway 400

MTO

MTO

<u>Items</u>	<u>Description</u>	<u>Action by:</u>
	<p>widening will be constructed in sequence from south to north. J. White noted that there may be a priority to widen through Barrie due to local Highway 400 congestion. There is already an approved EA and a Preliminary Design Report (PDR) completed in 2003 for Highway 400 widening from <i>South Canal Bridge Northerly to 1km South of Highway 89 (W.P. 40-00-00)</i>.</p>	
	<ul style="list-style-type: none"> • J. Scruton noted that the Innisfil Beach Road Widening to 4-lanes EA will be completed in a few weeks and MTO has participated in that study. • K. Cooper asked about the status of City of Barrie plans for Harvie Road to cross Highway 400 and a future interchange at Harvie Road as shown in the City's Transportation Master Plan. S. Patterson noted that phases 1 and 2 of the EA process are complete and the City is working on phases 3 and 4 (anticipated completion in 2015). 	
	<u>Property</u>	
	<ul style="list-style-type: none"> • C. Meile inquired if the widening can be entirely accommodated within the existing MTO right-of-way (ROW). K. Cooper showed a copy of the Roll Plan, which illustrated the proposed property required to accommodate the future Highway 400 widening to 10 lanes. J. White noted that the 10 General Purpose Lane (GPL) widening option is mostly accommodated within the approved TESR 2004 property footprint. Subsequent to PIC 1, J. White will provide a digital copy of the Roll Plan to S. Patterson and B. Gratrix. 	
	<u>Interchange Alternatives</u>	
	<ul style="list-style-type: none"> • K. Cooper noted that micro-modelling of the diverging diamond interchange will confirm the feasibility of this option at the Mapleview Road and Bayfield Street interchanges. The Diverging Diamond has potential to improve the safety and operations of the interchanges and it may minimize the property footprints. • C. Meile inquired regarding whether roundabout maintenance would be a municipal responsibility. J. White noted that they would typically be maintained by the municipality. C. Meile noted that the County of Simcoe has several roundabout projects. One example is at Highway 26 near Collingwood. It was noted that the public is likely now more familiar with and supportive of roundabouts. The City noted further discussion will be required regarding maintenance responsibilities of roundabouts. 	MTO
	<u>Environmental</u>	
	<ul style="list-style-type: none"> • C. Meile inquired if the 2006 MTO Noise Guideline requirements are more stringent than the previous noise mitigations requirements. J. White indicated that the requirements are more stringent and it is to be determined if additional noise mitigation is required. H. Wright noted that the criteria considered for analyzing 	

<u>Items</u>	<u>Description</u>	<u>Action by:</u>
	the need for a noise barrier includes determining if it is technically, economically and administratively feasible.	
	<u>Traffic Analysis</u>	
	<ul style="list-style-type: none"> • C. Meile inquired if the traffic analysis included a future Bradford Bypass. K. Cooper indicated that the analysis was conducted with and without the Bradford Bypass, and the recommendation was the same for both scenarios. • J. White noted that a future extension of Highway 427 to Kings Road was also included in the scenarios. • J. White is to provide the finalized traffic study report to the County of Simcoe and the City of Barrie. • C. Meile noted that the 2014 Simcoe County Master Plan released in October includes a future Bradford Bypass. 	MTO
4.	<u>Related Discussion</u>	
	<ul style="list-style-type: none"> • C. Meile inquired if Emergency Detour Routes were considered. Emergency Detour Routes are typically identified during development of construction staging later in the project. • C. Meile asked if there are cost estimates for this project. K. Cooper noted that cost estimates are internal MTO documents to maintain the integrity of the bidding process. J. White noted that high level cost estimates are sometimes used during the alternative evaluation stage to determine if the cost of one alternative is higher or lower than another. • K. Cooper asked if Sunnidale Road is considered a County Road or Municipal Rd. J. Scruton confirmed that Sunnidale Road is a City of Barrie road within the City of Barrie municipal limits and a County of Simcoe road outside Barrie. K. Cooper noted that a crossing road table will be circulated to the municipalities to confirm existing and approved future cross section characteristics of the municipal roads crossing Highway 400 within the study limits. This information will be used in the Design Criteria document. 	

Submitted by: Sarah Schmied - URS Environmental Planner

Distribution: Attendees
Project File



Minutes of Meeting

Project: W.O. 06-20016 – Highway 400 Improvements from Highway 89 to the Junction of Highway 11 Meeting No. 1

Project No. 33017551 Date: November 13, 2014

Location: Town of Innisfil, 2101 Innisfil Beach Road, Town Hall, Meeting Room 3 Time: 1:30 pm–3:30 pm

Purpose: Meeting With the Town of Innisfil – Pre-PIC

MTO

Justin White - Project Manager

URS Canada Inc.

Tim Sorochinsky - Project Manager
 Karen Cooper - Deputy Project Manager
 Sarah Schmied - Environmental Planner

Innisfil

Ali Mustafa - Manager of Capital & Asset Engineering
 Wayne Young - Operations Engineer
 Heng Jiang - Operations Engineer

Items **Description**

Action by:

- 1. Introductions**
Attendees introduced themselves. K. Cooper thanked attendees for attending the meeting with the Project Team and provided a brief overview of the purpose/intent of the meeting.

- 2. Public Information Centre (PIC) 1 Materials**
T. Sorochinsky presented the draft Public Information Centre (PIC) #1 draft displays. The following was noted:

Study Area and Project Scope

This study is for *Highway 400 improvements from Highway 11 to the junction of Highway 11*. A previous Preliminary Design and Class Environmental Assessment study was completed in 2004 for planning to the 2011 horizon year. This new study will update the recommendations to a 2031 horizon year. A. Mustafa requested a hard copy of the PIC displays. J. White indicated that these will be provided.

URS

Schedule

T. Sorochinsky noted that the study began in January 2014. A review of existing conditions has been completed and alternatives for Highway 400 and the interchanges have been developed. These alternatives will be shown to the public at PIC 1. Following the PIC, comments will

PLEASE NOTE: If your records of this meeting do not agree with this document, or if there are any omissions, please advise the writer at once, otherwise the contents of this document shall be assumed accurate and correct.

Items Description

Action by:

be considered, alternatives will be evaluated, and the preferred alternatives selected, which will be shown at PIC #2 anticipated in Spring/Summer 2015.

Innisfil

Existing and Future Traffic Conditions

The traffic analysis macro modeling has indicated that a 10-lane Highway 400 cross section will be required through most of the study area by 2031. A transition section from Duckworth Street to the junction of Highway 11 will be developed later in the study to drop lanes to match the Highway 400 cross section north of the study area.

Alternatives Under Consideration

- The alternative to widen Highway 400 from south of Highway 89 to Mapleview Drive by realigning Highway 400 to the west is carried forward as the preferred alternative, as this avoids impacting the more developed properties and the sideroads adjacent to Highway 400 on the east side.
- The Highway 89 interchange 2004 recommendation was for a Parclo A4 configuration. This alternative will be carried forward for the 2014 study. The realignment of Reive Road will be reviewed in light of current landuse in the area, including the entrance to the shopping mall in the southeast quadrant of the interchange. T. Sorochinsky requested input from the Town of Innisfil regarding a possible realignment update. A. Mustafa indicated that the Town will review the realignment and provide comments, including references to the Town of Innisfil Transportation Master Plan. T. Sorochinsky noted that recommendations for commuter parking lots will be developed later in the study.
- The Innisfil Beach Road interchange 2004 recommendation was for a Parclo A4 configuration. This alternative will be carried forward for the 2014 study. A. Mustafa noted a significant number of trucks that seem to have difficulty making a left turn from the interchange ramp onto Innisfil Beach Road. He has noted long combination vehicles (LCVs). URS will confirm if this is a common route for LCVs.
- The alternatives developed for the Highway 400 interchanges through Barrie include roundabout options at some locations. K Cooper noted that the County of Simcoe has several roundabouts. A. Mustafa noted that driver familiarity is key to the operation of roundabouts.

Innisfil

Innisfil

Evaluation Criteria

Evaluation criteria includes the natural, socio-economic and cultural environments as well as technical considerations (transportation and

Items Description

Action by:

engineering).

Next Steps

PIC #1 is scheduled for November 25, 2014. Subsequent to the PIC, the alternatives will be evaluated and preferred alternatives will be selected.

A. Mustafa stated there will be a need for another meeting including Tim Cane from Innisfil regarding Town planning and infrastructure. A. Mustafa and T. Cane will review the PIC materials and provide comments.

3. Municipal Crossing Roads Table

K. Cooper noted that the Project Team will be developing a crossing roads table populated with details such as cross section characteristics for each road crossing Highway 400. It is requested that the Town provide input for this table, which will be forwarded as a draft. A Mustafa noted that Innisfil Beach Road is a County Road.

3. Other Business

Snowdrift Analysis

- K Cooper mentioned that the study includes snowdrift analysis.

Drainage

- W. Young indicated that as he is retiring from the Town on November 28, 2014, he is available to answer any questions over the next 2 weeks, and also recommended setting up a meeting with Tim Cane, from the Town of Innisfil Planning department
- K. Cooper noted that the owner of the golf course adjacent to Highway 400 on the east side just north of Highway 89 has asked URS questions related to occasional flooding at the South Innisfil Drain north of the Highway 400 / Highway 89 interchange. There was a court hearing on November 4, 2014, which the property owner indicated was scheduled to address property owner complaints regarding Innisfil plans to expand the drain 10 km east of Highway 400. Several property owners claim that the expansion would potentially increase local flooding. The property owner had mentioned a report prepared by Dillon Engineering. There are culverts crossing Highway 400 and Reive Road, which carry flows from the South Innisfil Drain.
- W. Young noted that the Dillon report is to be amended, and a copy is available on the municipal website. The Dillon contact person is Dennis McQuaid.

Items Description

Action by:

- J. White noted that MTO Drainage has reviewed plans submitted by Innisfil.
- J. White noted that the property owner indicated above has contacted MTO on various occasions regarding the Highway 400 culvert. MTO has communicated that the culvert meets MTO standards.
- W. Young provided the following information regarding the culverts:
 - There are 2 MTO overflow culverts side by side at Highway 400. Improvements were constructed in 2012, including relining of the culverts.
 - There are 2 Innisfil overflow culverts side by side at Reive Road. They are 6 m (20 ft) long, approximately 6.7 m (22 ft) wide arch culverts. Beside these, there is a 1.8 m (6 ft) diameter pipe (CMP), which takes low flow.
 - The Heintzig Drain is located south of the South Innisfil Drain. The pipe diameter is 3.7 m (12 ft).
 - The property owners were assessed a portion of the cost of the drain as municipal improvements. Municipal drains are tied into the major drains.
- T. Sorochinsky stated that the preliminary drainage design for the Highway 400 project will be completed later in the study
- W. Young noted that plans for a stormwater pond between 3rd and 4th line have been prepared as part of a [REDACTED]. This would be governed under the Ministry of Food and Agriculture. J. White asked if the Town has a Ministry representative that is reviewing their project. W. Young stated that they have been in contact with MTO. It is important to coordinate the location of the proposed future pond with the proposed future widening of Highway 400 to the west, as the property is on the west side and adjacent to Highway 400.

Future Innisfil Planning and Details of Existing Infrastructure

- T. Sorochinsky inquired if a future interchange at 6th Line is part of Innisfil’s Master Plan. A. Mustafa will confirm the status of planning.
- K. Cooper asked what the Town’s plans are for development along the Highway 400 corridor. A. Mustafa indicated that the Town is considering interchanges at 6th Line.
- W. Young provided the following infrastructure details:
 - 6th Line Underpass – vertical clearance is less than 4 m

Items Description**Action by:**

and there is a stormsewer along 6th line, but drawings are not available. This stormsewer was flushed and relined. The bridge deck drains into the stormsewer. Sixth Line was resurfaced in 2009 keeping the existing road profile. W. Young will provide the information he has regarding this crossing. The Town is also completing an EA from Lake Simcoe to Highway 27 along 6th Line. MTO indicated that there are no provincial plans for an interchange at Highway 400 and 6th Line. This would be a municipal undertaking. Development of the Innisfil Heights commercial area may trigger need for the interchange.

- 4th Line Underpass – the bridge was hit 3 times by vehicles.
- 10th Line – within the Town of Innisfil, this road was downloaded to the Town in 2010.

Submitted by: Sarah Schmied - URS Environmental Planner

Distribution: Attendees
Project File

Project: W.O. 06-20016 – Highway 400 Improvements from Highway 89 to the Junction of Highway 11 Meeting No. 6

Project No. 33017551 Date: March 10, 2016

Location: MTO Downsview, 159 Sir William Hearst Avenue 4th Floor Boardroom Time: 9:30 am to 11:30 am

Purpose: To discuss MTO and the City of Barrie’s plans for the Highway 400 crossing roads within the City of Barrie

Present:

MTO
 Robert Vandenberg - Project Manager
 Susan Sieradzki - Environmental
 Mariusz Kobiela - Structural
 Les Dzbik - Traffic

AECOM
 Tim Sorochinsky - Project Manager
 Karen Cooper - Deputy Project Manager
 Sarah Schmied - Environmental

City of Barrie
 Jacqueline Weston - Director of Engineering
 Ralph Scheunemann - Senior Infrastructure Planning Engineer

Items **Description** **Action By:**

1. Purpose

The purpose of this meeting was for the Project Team and the City of Barrie to discuss the Highway 400 crossing roads within the City of Barrie with regards to the *Highway 400 Improvements Preliminary Design Update Study*.

Potential cost-sharing opportunities were identified to include elements requested by the City of Barrie at the Highway 400 overpass and underpass replacement structures, which could be carried forward in the Highway 400 update study.

The following topics were not discussed at this meeting for the following reasons:

- 10th Line Underpass, separate meetings were held on December 4, 2016 and March 10th following this meeting.
- Tiffin Street Underpass, separate meetings have been held with the MTO Project Team, their sub-consultant and the City of Barrie.
- St. Vincent Street Underpass, there being no work required on this structure as part of this Preliminary Design Update Study.

2. Work Completed to Date and Ongoing Tasks

- AECOM previously met with the City of Barrie on November 12, 2014 prior to PIC #1 to present the highway widening and interchange alternatives to be evaluated.
- Since PIC 1, the Project Team has completed an evaluation of the alternatives, including extensive traffic analysis. A preferred mainline cross

section and preferred interchange configurations for the six interchanges within the study area were identified.

- The Preliminary Design of the technically preferred alternative (TPA) is ongoing and the Project Team is preparing for PIC 2 where the TPA will be presented.

3. City of Barrie Environmental Assessments – Status and Timelines

Mapleview Drive

- The City requested that separate buffered bike lanes through the Mapleview Drive Interchange be accommodated at the outside median with the flow of traffic in both directions. This is preferred to a shared multi-use space. AECOM will review the available median width to determine the feasibility of separate buffered bike lanes in addition to the median sidewalk. If feasible, the bikeways are to be shown on the cross section at PIC 2. AECOM
- The City’s Multi-Modal Active Transportation Master Plan recommends bike lanes east and west of the interchange.
- The City is planning for future outside HOV lanes along Mapleview. Due to the opening size of the existing overpass, these may not be accommodated at the existing structure.
- The City requested an additional right-turn lane westbound to the intersection of Mapleview Drive and Barrievue Drive. Under existing conditions, there is significant congestion at this location. L. Dzbik inquired if the signals were optimized and R. Scheunemann noted that the signal timing operates well in the eastbound direction but not westbound. Adding this lane would require a retaining wall in the northwest corner to avoid property impacts. AECOM to review. AECOM

Essa Road

- The Essa Road Overpass is currently in a 10-year holding strategy until 2024/2025, at which time a decision would be made either to continue maintaining the existing bridge or to replace it.
- The City plans for Essa Road widening from 4 to 6 lanes includes construction of the east side (Phase I) in 2017-2018, followed by construction of the west side (Phase II) in 2019-2020. This does not include bridge replacement, but does include additional Ramp N-E/W and S-E/W lanes. It was noted that the ramp lanes would be throwaway when the proposed loop ramps are constructed in the future. A municipal EA for the bridge would be initiated in 2020, followed by design in 2023, utility relocation and construction in 2025-2026. Coordination between MTO and the City of Barrie may result in adjustments to the timing of improvements.
- R. Scheunemann noted that a left turn lane on the bridge may be required to the commuter parking lot.
- R. Scheunemann noted that an ultimate long term Essa Road cross section could potentially include bikeways, however they would not be part of the

planned EA. Tiffin Road is the preferred bike route in this area for safety reasons.

Dunlop Street

- The Project Team is recommending a similar configuration to the 2005 preliminary design recommendation with the exception of the free flow movement westbound on Dunlop to northbound Highway 400, as elimination of the free flow movement would better accommodate pedestrians.
- The minimum MTO standard sidewalk width is 1.5 m. MTO is to confirm the preferred sidewalk width (1.5 m, 1.8 m or 2.5 m).
- T. Sorochinsky noted that the 2005 PD was under the jurisdiction of MTO South Region and there may have been a different recommendation for sidewalk widths than for Central Region.
- R. Scheunemann noted that to accommodate winter cycling, both a 1.5 m shoulder for snow storage and a 2.0 m bike lane in each direction would be desirable. *(Post meeting note: K. Cooper reviewed the MTO Bikeways Manual and found no references to bike travel under snow conditions in the manual; not in the safety section, the maintenance section or in the typical cross section standards sections)*
- R. Scheunemann noted that to support Active Transportation, it would be desirable for MTO to pay for bikeways within their right-of-way. S. Sieradzki noted that clarification of MTO policy will be provided. A note indicating “Subject to Municipal Funding” is to be included for each element not part of the MTO standard elements (i.e. bikeways, additional lanes, etc.).
- J. Weston noted that during the cost-sharing negotiations during Detail Design, the cost-sharing will be discussed further.

MTO

AECOM

Anne Street

- Anne Street is currently under a 10 year holding strategy as of 2014/2015.
- The City’s Master Plan indicates a potential for 6 lanes post 2031. Phases 3 and 4 of their EA will be completed for the 2036 and 2041 traffic model horizon years.
- K. Cooper noted that the grades, vertical clearance and property constraints may limit the number of lanes possible without significant impacts to adjacent properties and buildings. Large retaining walls may be required.

Sunnidale Road

- The bridge is currently in a 15 year holding strategy at which time it will be reassessed.
- The City has no plans to widen Sunnidale Road. The replacement structure cross section requested would include two lanes, two bikeways and two sidewalks; one in each direction. Parking would not be permitted on the bridge.

Bayfield Street

- AECOM to confirm storage for left-turn lanes. AECOM
- The 2005 PD include 4 lanes at Bayfield Street. An additional lane in each direction as requested by the City of Barrie would be subject to cost-sharing.

4. Next Steps / Other Business

- The City of Barrie will clarify with MTO regarding cost-sharing in the event that additional property may be required. For those crossings where the City has not completed an EA, it will be noted in the PDR Update that further consultation with the City of Barrie is required during Detail Design to confirm if the City is willing to cost-share for additions to the structures. Barrie
- The Project Team will be holding a meeting with the City regarding drainage. The City noted that the Whiskey Creek Culvert at Harvie Road / Big Bay Point Road was constructed in 1954 and will likely require capacity increase as well as extension and Barrie is willing to cost share for a larger replacement culvert. This may be required prior to overall Highway 400 widening. S. Sieradzki will speak with MTO Drainage.
- J. Weston noted the culverts in the vicinity of the Duckworth Street interchange. These culverts were replaced as part of that project and the design is to be provided to AECOM as an existing condition for the preliminary design. MTO
Barrie
- R. Scheunemann noted that the new concrete median barrier includes openings for water to spill across Highway 400.
- The City plans to include the new Highway 400 crossing at Salem / Lockhart as part of the 10th Line (McKay Road) EA.
- A Value Engineering study is tentatively scheduled for early April. The topic will be the Diverging Diamond Interchange at Mapleview Drive. Components such as traffic operations within the interchange and at adjacent intersections, pedestrian and cyclist movement within the interchange, and construction staging may be reviewed.
- The City of Barrie noted that they would be available to attend the Value Engineering Workshop if MTO would welcome municipal input. MTO to coordinate with the City. MTO
- The Project Team will hold a meeting with the City of Barrie prior to PIC 2 to present the TPA. AECOM/
MTO

Submitted By: Karen Cooper / Sarah Schmied

Distribution: Attendees
MTO Distribution List
AECOM Design Team Members

Project: W.O. 06-20016 – Highway 400 Improvements from Highway 89 to the Junction of Highway 11 Meeting No. 3

Project No. 33017551 Date: April 22, 2016

Location: Innisfil Town Hall, Meeting Room 3 2101 Innisfil Beach Road, Innisfil, ON L9S 1A1 Time: 10:00 a.m – 12:00 pm.

Purpose: Highway 400 Crossing Roads in the Town of Innisfil

Present: **Town of Innisfil**
 Carolina Cautillo - Project Manager, Roads, Traffic & Transportation
 Gary Lambright - Senior Planner
 Jessica Jenkins - Project Manager
 Scott Mackenzie - Development Engineer
 Sean Fahey - Development Project Manager

County of Simcoe
 Christian Meile - Director Transportation Construction and Maintenance

MTO
 Robert Vandenberg - Project Manager
 Susan Sieradzki - Senior Environmental Planner

AECOM
 Tim Sorochinsky - Project Manager
 Karen Cooper - Deputy Project Manager
 Sarah Schmied - Environmental Planner

Items **Description** **Action By:**

1.0 **Purpose**

- The purpose of the meeting was for the Project Team, the Town of Innisfil, and the County of Simcoe to discuss the Highway 400 crossing roads within the Town of Innisfil with regards to the *Highway 400 Improvements Preliminary Design Update Study*.
- Potential cost-sharing opportunities were identified to include elements requested by the Town of Innisfil and County of Simcoe at the Highway 400 overpass and underpass replacement structures, which could be carried forward in the Highway 400 update study.

2.0 **Work Completed to Date and Ongoing Tasks**

- AECOM previously met with the Town of Innisfil and County of Simcoe prior to PIC 1 to present the highway widening and interchange alternatives to be evaluated.
- Since PIC 1, the Project Team has completed an evaluation of the alternatives, including extensive traffic analysis. A preferred mainline cross section and preferred interchange configurations for six of the eight interchanges within the study area were identified.
- The Preliminary Design of the technically preferred alternative (TPA) is ongoing and the Project Team is preparing for PIC 2 where the TPA will be presented.
- The Project Team is also completing environmental investigations, impact assessments and recommendations for Natural Heritage, Noise, Air Quality, Snow

<u>Items</u>	<u>Description</u>	<u>Action By:</u>
3.0	<p>Drift Mitigation, Archaeology, Contamination and Landscaping</p> <p><u>Municipal Environmental Assessments – Status and Timelines</u></p> <p><u>Innisfil Beach Road – County of Simcoe</u></p> <ul style="list-style-type: none"> • The County of Simcoe has completed their Environmental Assessment (EA) on Innisfil Beach Road. C. Meile will provide the design files to AECOM. • K. Cooper noted that based on the County’s design plans to widen Innisfil Beach Road, they would be responsible for constructing the approaches to the Highway 400 Underpass and would be responsible for the costs of constructing a longer bridge to accommodate the additional lane in each direction which may require a pier in the middle. Innisfil Beach Road will also need to be lowered to accommodate the vertical clearance standard. The required side clearances at the structure would be wide enough to accommodate a 2-3 m wide urban multi-use trail and the County would pay for construction of the trail, which may include flattening the shoulder for a 2% slope. • C. Meile agreed that the draft design (bridge span = 31 m) would accommodate the County’s needs. • R. Vandenberg noted that MTO and Simcoe will need to reach a formal agreement, for cost-sharing in principle, prior to PIC 2. • C. Meile to confirm if the trail along Innisfil Beach Road will cross the Highway 400 MTO ROW. • C. Meile noted that the EA to widen Innisfil Beach Road included a west extent from County Road 27 to the Highway 400 MTO ROW, and from the Highway 400 MTO ROW east to County Road 39 at Alcona, but did not include property protection for widening of Innisfil Beach Road within the Highway 400 MTO ROW. • It was noted that the Municipal Class EA is an acceptable process for the County of Simcoe to obtain EA approval for the County of Simcoe’s improvements to Innisfil Beach Road through the interchange and that the road works through the interchange should have been included in their EA. As it currently stands, there is no EA approval for widening Innisfil Beach Road through the interchange and the County of Simcoe would need to complete an addendum to their EA to obtain approval for the works before they are constructed. • C. Meile noted that the County will likely be constructing the widening on either side of Highway 400 before MTO replaces the structure. C. Meile noted that the entire widening of Innisfil Beach Road is anticipated to be completed by 2021. • R. Vandenberg noted that if the Innisfil Beach Road widening is constructed prior to the Highway 400 widening, then ramps would fit in an interim Highway 400 condition. The replacement of the Highway 400 / Innisfil Beach Road Underpass is not currently on the Ministry’s 5-year program. • R. Vandenberg noted that the Highway 400 / Innisfil Beach Road Underpass will likely be replaced prior to the ultimate Highway 400 widening, with ramps fit to the interim condition. • AECOM to provide C. Meile the limits of AECOM’s design on the west and east sides of Highway 400 (station numbers). • C. Meile noted that the County is also completing upgrades to the intersection at 	Simcoe
		Simcoe
		Simcoe
		Simcoe
		AECOM

<u>Items</u>	<u>Description</u>	<u>Action By:</u>
	<p>Innisfil Beach Road and 5 Sideroad which will take place in 2017 or 2018.</p> <ul style="list-style-type: none"> • C. Meile will provide all drawings to AECOM and MTO which show their property footprints, the design, and if the area is a rural or urbanized ROW. • S. Mackenzie noted that Smart Centres has plans for a development in the southwest quadrant at Highway 400 and Innisfil Beach Road. The development is expected to be in place within the next five years. An additional site expansion is planned in the northeast quadrant. 	Simcoe
	<p><u>4th Line – Town of Innisfil</u></p> <ul style="list-style-type: none"> • The replacement of the Highway 400 / 4th Line Underpass is scheduled to commence in early Spring 2017 and continue for one to two construction seasons. The Town of Innisfil has granted a provisional road closure permit for two construction seasons. The project is being tendered to a Design Build Contractor in the next few weeks. • S. Schmied noted that AECOM and MTO have consulted with the Ontario Federation of Agriculture regarding the closure of 4th Line at Highway 400, and have listed Highway 89 and 6th Line as detour routes for large agricultural vehicles. • S. Schmied noted that prior to the closure of 4th Line at Highway 400; the Design Build Contractor will be providing the Town with the dates of the closure and the detour routes. • S. Mackenzie noted that the Design Build Contractor should notify S. Fahey from Innisfil InnService, and J. Jenkins and S. Mackenzie from the 6th Line Project Teams of the confirmed timeline for the 4th Line closure at Highway 400. These details will be included in MTO's contract. • S. Mackenzie noted that the Town is constructing a sewer along 6th Line in the same timeframe as the replacement of the Highway 400 / 4th Line Underpass. The Town is determining if they will be closing 6th Line or if they will be reducing 6th Line to one lane during construction with flaggers. The Town anticipates that if one lane is left open during construction, large agricultural vehicles will still be able to use 6th Line. • S. Fahey noted that there is not enough municipal or MTO ROW to add the sewer around the bridge and the Project Team is determining exactly where the sewer will be located on 6th Line. • K. Cooper noted that the Reive Blvd. intersection reconstruction may require temporary traffic signals and a PHM 125 from the Town. There will be cul-de-sacs on municipal property to accommodate vehicle turnarounds on Reive Blvd during the temporary intersection reconstruction, for which MTO already received a permit from the Town. 	
	<p><u>6th Line – Town of Innisfil</u></p> <ul style="list-style-type: none"> • J. Jenkins is working on the Highway 400 / 6th Line future interchange EA, and S. Mackenzie is working on the 6th Line widening EA. • S. Mackenzie noted that 6th Line will be similar to the County's plans for Innisfil Beach Road (i.e. 4 lanes at 3.5 m wide plus speed change lanes). The EA is being completed assuming no interchange at the location. <i>[Post meeting note: MTO Central Region notes that they were not consulted during the Town of Innisfil EA</i> 	

<u>Items</u>	<u>Description</u>	<u>Action By:</u>
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study. Innisfil's 6th Line EA will not be incorporated into this Preliminary Design Update Study; however, the ongoing studies will be noted in the final Preliminary Design documents.].

- S. Mackenzie noted that the draft design for 6th Line at Highway 400 is 31 metres from abutment to abutment which includes 2 lanes in each direction, urbanized (3.5 metres wide), and possibly a speed change lane. The plan will also include room for a multi-use trail.
- S. Mackenzie noted that based on Innisfil's studies, due to a creek that crosses 6th Line, 6th Line cannot be lowered to accommodate vertical clearance at the Highway 400 / 6th Line Overpass, and Highway 400 will have to be raised approximately 1.5 metres. S. Mackenzie noted that there is also a storm sewer that will require 1.2 metres of cover.
- S. Mackenzie noted that the 6th Line EA for the widening will be filed in a few weeks. The November 2015 letter, from Innisfil to MTO, confirms the intent to enter into an agreement and funds have been set aside for the new bridge.
- J. Jenkins noted that the Highway 400 / 6th Line Interchange EA will be filed by the end of the year.

Rail Property – Town of Innisfil

- S. Fahey noted that the rail property west of Highway 400 is owned by Innisfil. The rail property east of Highway 400 is owned by the City of Barrie. Innisfil has no plans for rail utilization west of Highway 400 and the tracks have been removed. An existing trail ends at 5th Sideroad and Innisfil plans to extend the trail to Highway 400.

4.0 Next Steps / Other Business

- T. Sorochinsky noted that the schedule is currently being revised; however, the Project Team anticipates that PIC 2 will take place in late Summer / early Fall, with a TESR Addendum out for public review in late Fall, and the study complete by the end of 2016.
- The snowdrift mitigation recently employed by MTO includes the double staggered row of trees at Highway 400 / King Road and considerable new snow fence installed over the past two years. This Preliminary Design Update Study is recommending a variety of snow drift mitigation measures.
- Work is ongoing to identify noise sensitive areas and develop a mitigation strategy as part of this Preliminary Design Update Study.

Submitted By: Karen Cooper / Sarah Schmied

Distribution: Attendees
MTO Distribution List
AECOM Design Team Members

Project:	W.O. 06-20016 – Highway 400 Improvements from Highway 89 to the Junction of Highway 11	Meeting No.	6
Project No.	33017551	Date:	October 20, 2016
Location:	Barrie City Hall - 70 Collier Street 4th Floor Boardroom (12)	Time:	2:00 pm – 4:00 pm
Purpose:	Drainage Design Discussion		
Present:	<p><u>MTO</u></p> <p>Robert Vandenberg - Project Manager</p> <p>Susan Sieradzki - Environmental</p> <p>John VanVoorst (by teleconference) - Drainage & Hydrology</p> <p><u>AECOM</u></p> <p>Tim Sorochinsky - Project Manager</p> <p>Karen Cooper - Deputy Project Manager</p> <p>Sarah Schmied - Environmental</p> <p>Serge Ristic - Drainage</p> <p>Jenny Dai - Drainage</p> <p><u>City of Barrie</u></p> <p>Lorran Cooney - Infrastructure Planning</p>		

<u>Items</u>	<u>Description</u>	<u>Action</u> <u>By:</u>
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1.0 Introduction

T. Sorochinsky noted that the Draft Drainage Report for the Highway 400 Preliminary Design project is undergoing MTO review and a second draft will be prepared that addresses MTO comments. The second draft will be circulated to the City of Barrie for their information. As the MTO works may provide opportunities for the City of Barrie to fund associated municipal improvements which could potentially be constructed in concert with MTO improvements, it is important to identify these at the planning stage. The purpose of today’s meeting is to provide an overview and highlight potential areas where MTO and the City of Barrie could cost share specific improvements. The City of Barrie is invited to review the draft report when available and communicate any other opportunities for which the City would like to incorporate cost-shared improvements. There is no guarantee that all requested improvements would be accommodated.

The current update study is revisiting the approved plan outlined in the 2004 Transportation Environmental Study Report (TESR), to be updated accordingly to address future (2031) traffic projections, capacity and safety needs.

Long-term capacity and operational needs were determined so that rehabilitation investments are made with knowledge of the long-term vision for the corridor.

Recommended improvements include:

- Highway 400 widening to ten lanes including two HOV lanes with 1.25 m buffers
- North of Duckworth Interchange, transition to 8 lanes

<u>Items</u>	<u>Description</u>	<u>Action</u> <u>By:</u>
	<ul style="list-style-type: none"> • Slight centerline shift at Dunlop Street and south of Harvie Road • Improvements to four interchanges <p>Highway 400 widening is not identified in the MTO 5-Year Plan. Elements of the study area infrastructure may undergo improvements over the next several years and will follow the recommendations from the Preliminary Design to accommodate future widening.</p>	
2.0	<p><u>Agenda</u></p> <p>Topics discussed include Drainage Scope, Watercourse Crossings, Impact Assessment and Mitigation, Stormwater Management, Opportunities to Integrate with Barrie's MDP and Design Considerations in Next Design Stage (Detail Design).</p>	
3.0	<p><u>Drainage Scope</u></p> <p>The scope of the Drainage component of the study includes:</p> <ul style="list-style-type: none"> • Update original TESR drainage content prepared in 2005 by URS Canada • Complete a detailed assessment of the existing drainage conditions • Complete hydrologic and hydraulic assessment for watercourse crossings • Demonstrate that the proposed changes to major crossings will not result in any significant negative impacts on water surface elevations, or the extent and duration of flooding • Develop a stormwater management concept to meet quality, quantity and erosion control requirements • Develop a cost-effective drainage strategy to accommodate the proposed highway improvements • Demonstrate that the proposed highway improvement will not result in any significant negative impacts on water quality and water quantity of the downstream watersheds <p>It was also noted at this meeting that:</p> <ul style="list-style-type: none"> • The proposed improvements are based on MTO standards. • City of Barrie background studies and hydrologic modelling were used for the study. The hydrologic modeling was re-simulated using MTO IDF curves. • Master Drainage Plans(MDP) were considered, however there is a gap related to the timing of MTO and City of Barrie drainage works as well as other municipal projects. • AECOM is recommending improvements including rehabilitation or replacement. Structural recommendations are also included. The level of design is preliminary and further detail would be developed during Detail Design. • The recommendations are not meant to solve existing flooding of City of Barrie infrastructure. • Highway 400 is not necessarily the prevalent hydrological control, although there are consequences related to the highway. 	
4.0	<p><u>Watercourse Crossings</u></p> <ul style="list-style-type: none"> • Within City of Barrie Limits, the study area traverses: 	

Items **Description**

Action
By:

- Lovers Creek (Head water feature)
- Whiskey Creek
- Hotchkiss Creek
- Dyments Creek
- Bunkers Creek
- Kidd’s Creek
- Sophia Creek
- There are 25 culvert crossings along Highway 400
- Hydrologic and hydraulic criteria are based on the MTO Highway Drainage Standard (2008), see following table.

Classification	Design Flood		Hydraulic	Criteria under Design Flow	Check Flow 1.3 * 100 year
	Total span up to 6.0 m	Total span over 6.0 m		Min. Freeboard	
Freeway	50 year	100 year	1 m	Culverts with diameter or rise <3.0m	No overtopping
				HW/D ≤ 1.5 Culverts with diameter or rise 3.0 to 4.5m HW <4.5 m	

- In addition, there would be no significant negative impacts on upstream/downstream land owners and the design would meet environmental requirements.
- For hydrology assessment, the latest version of the Master Drainage Plans and associated watershed hydrology models were obtained from the City of Barrie. These models were reviewed for:
 - Catchment discretization: reviewed drainage delineation and discretization level to make sure that the model could provide sufficient hydrologic details at the Highway 400 crossing locations.
 - Rainfall input and other input parameters: to confirm that the rainfall information and associated design storm, and other parameters are consistent with MTO design requirements.
 - Land use condition: reviewed historic photographs and planning documents to make sure the models represent the current land use condition and future development.
- The Barrie’s hydrologic model was modified for the purposes of this project by transferring to Visual OTTHYMO Version 2.0; re-simulating using MTO IDF; removing storage created by Highway 400.
- A separate hydrologic model using Visual OTTHYMO Version 2.0 (VO2) was developed to evaluate peak flows where information was not available from the watershed hydrology models.
- For hydraulic assessment, either of the hydraulic programs, CulvertMaster V3.0 or HEC-RAS were used.
- Major watercourse HEC-RAS Models (Draft) from LSRCA were received and

Items **Description**

Action
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reviewed:

- Flow input: reviewed flow change locations and values to verify consistency with the watershed hydrology models;
- Crossing geometry: reviewed model set-up of Highway 400 crossings, including crossing dimensions, lengths, inverts, and hydraulic properties (roughness, inlet/outlet losses), to verify consistency with field records/MTO Contract drawings; and
- Section and roadway geometry: reviewed elevation data and spill points to verify consistency with more detailed topographic survey from MTO.
- The models were modified for the purposes of this project.
- For culvert improvement recommendations, the following factors were considered:
 - Hydraulic conditions and flood risk concerns
 - Culvert structural conditions
 - Service life and capital cost
 - Impacts of downstream restrictions and improvements
 - Environmental requirements
 - Construction staging
 - Impacts to upstream/downstream properties
 - City of Barrie’s improvement plans documented in MDPs
- The draft recommendations are summarized in the following tables:

CUL.ID	EXISTING	RECOMMENDATION	PROPOSED
C60	Conc. 1.2m x 0.9m	Replacement	Conc. 2.4 m * 1.2 m
C61	Conc. 1.2m x 0.9m	Rehab and Extension	-
C62	Conc. 1.2m x 0.9m	Replacement	Conc. 1.8 m * 0.9 m
C63	Conc. 1.2m x 0.9m	Rehab and Extension	-
C64	Conc. 1.2m x 0.9m	Replacement	Conc.3.6m * 1.5 m

CUL.ID	EXISTING	RECOMMENDATION	PROPOSED
C65	Conc.1.2m x 0.9m	Replacement	Conc. 2.6 m * 1.5m
C66	Conc.1.2m x 0.9m	Replacement	Conc.1.8 m * 1.5 m
C67	Conc.1.2m x 0.9m	Rehab and Extension	-
C68	Conc.1.2m x 0.9m	Replacement	Conc.1.8m * 1.8 m

CUL. ID	EXISTING	RECOMMENDATION	PROPOSED	MDP PROPOSED
C69	Conc. 1.2m x 0.9m	Rehab and Extension	-	-
C70	Conc. 1.2m x 0.9m	Rehab and Extension	-	-
C71	CSP 1800mm	Relief culvert	CSP 1800 mm	Add 1500 mm relief culvert
C72	Conc. 1.2m x 0.9m	Replacement	CSP 1650 mm	-

Items **Description**

Action
By:

CUL. ID	EXISTING	RECOMMENDATION	PROPOSED	MDP PROPOSED
C73	Conc. 1.8m x 1.2m	Replacement	Conc. 9m*2m	3x(Conc. 3.0mx2.1m)
C74	Conc. 1.2m x 1.2m	Replacement	Match sewer capacity	2x(Conc.1.2m x 1.2m)
C75	Conc. 1.2m x 1.2m	Replacement	Conc. 1.8*1.2	2x(Conc.1.2m x 1.2m)
C76	Conc. 1.2m x 1.2m	Replacement	Conc. 2.4*1.8	2 x(Conc.1.2m x 1.2m)
C77	Conc. 1.2m x 0.9m	Rehab and Extension	-	-
C78	Conc. 2.4m x 1.8m	Rehab and Extension	-	Conc. 3.0m x 1.5m

CUL. ID	EXISTING	RECOMMENDATION	PROPOSED	MDP PROPOSED
C79	Conc. 1.2m x 0.9m	Replacement	Conc. 4.8m x 1.2m	-
C80	Conc. 1.2m x 1.2m	Replacement	Conc. 3.0m x 1.2m	-
C82	Conc. 1.2m x 0.9m	Replacement	Conc. 2.4m x 0.9m	-
C83	CSP 1200mm	Replacement	Conc. 2.4m x 1.2m	-
C84	CSP 1200mm	Replacement	1200mm Sewer	Duckworth Design
C85	CSP 1200mm	Replacement	Conc. 1.8m x 1.2m	Duckworth Design

The following comments were noted at this meeting:

- The MTO 2008 Highway Drainage Design Standards were followed for the design of watercourse crossings. Directive B100 has been superseded.
- L. Cooney noted that the updated City of Barrie study included PCSWMM or OTTHYMO Version 3.0.
- There is a complex spill mechanism not practically addressed in the 1D hydraulic model. This was discussed with the Conservation Authority and it is more conservative to consider each watershed separately.
- AECOM used HEC-RAS and CulvertMaster as appropriate for the hydraulic models.
- L. Cooney inquired regarding service life. J. Dai indicated that the service life is estimated at 75 years, consistent with Barrie’s approach. Since much of the existing drainage infrastructure was constructed in the 1960’s, the service life would extend up to or beyond 2031.
- At the Tiffin Street crossing, a relief culvert is under construction.
- L. Cooney noted that the southbound left lanes were flooded last week at Dunlop Street. The rain gauge registered 18 mm in 15 minutes, which is a 2-year storm. There were no reports of flooding downstream.
- The current study is a planning study and the City of Barrie initiatives are evolving. During Detail Design there would be opportunities to revisit some of Barrie’s initiatives and potentially incorporate into the design. The main purpose of the current study is to identify sufficient property for the Highway 400 improvements.
- L. Cooney noted that for the municipality, the CA would consider flat bottom swales. Wet facilities are an issue for the LSRCA. S. Sieradzki noted that for MTO projects, the CA does not approve the design as for municipal projects.
- J. VanVoorst indicated that TRCA is leading in LID, not prohibiting wet facilities. MTO will wait and see how this plays out.
- S. Ristic noted the property and maintenance impacts of LID.

Items **Description**

Action
By:

- For the Little Lake watershed, AECOM noted construction west of Highway 400 for which no information is available. For the Duckworth Street interchange municipal project, 3 watercourse crossings were included in the contract. There is a pond on the west side of Highway 400.
- J. Dai pointed out Culvert C74 at Dunlop Street, proposed to be connected to the municipal stormsewer. In Detail Design, the hydraulic grade line will be developed. *(Post meeting note: The revised Preliminary Design recommendation is to maintain separation via construction of a retaining wall to create a gap between the municipal and provincial drainage infrastructure.)*

5.0 **Impact Assessment and Mitigation**

The following impacts and mitigation were presented:

- Increase in pavement area: Ultimate Highway 400 widening from 6 lanes to 10 lanes would result in an increase in pavement area by approximately 80 % of the existing Highway pavement area with potential impact on the water quality and quantity of downstream drainage systems. **Mitigation:** Stormwater Management Plan
- Culvert structure lengthening could potentially result in an increase in headwater elevation. **Mitigation:** Implementation of SWM; Removal of existing CSP extensions; Inlet modification; Flattening inlet extension slope where necessary; Upsizing existing culvert or adding a relief culvert
- Vertical profile modification of roadway and interchange reconfiguration: When overtopping occurs, the vertical profile modification of roadway will significantly affect the upstream headwater elevations. **Mitigation:** Optimize the roadway and interchange configuration ; Conserve the existing drainage pattern
- Impacts during Construction Period. **Mitigation:** ESC Plan, Staging, Dewatering.

6.0 **Stormwater Management**

The following factors were considered during development of the Stormwater Management Plan:

- Understanding of the potential impacts – Outlet basis impact evaluation
- Sensitivity of recipient drainage system : Fishery requirements; Flooding and erosion risks; Discharging to storm sewer system / enclosed channel
- Technical feasibility and challenges: Contributing area to each outlet; grading requirements; soil condition
- Land availability
- City of Barrie’s MDPs
- Existing SWMFs
- Capital cost and future maintenance

The Stormwater Management Plan includes:

- Flat-bottomed grassed swales in all locations wherever possible;
- Stormwater management wet facilities to provide quality and quantity control for runoff, where the size of the contributing catchment area is larger than 5 ha
- Stormwater dry detention facilities, such as dry detention cells, underground

<u>Items</u>	<u>Description</u>	<u>Action</u> <u>By:</u>
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storage pipes, where water quantity control is required

- Enhanced grass lined swales will be utilized to provide some measure of quality treatment in areas where a wet pond is not feasible, or the contributing area is less than 5.0 ha. Enhanced swales with micro-pools will be also used in areas where quantity control is required, however the contributing roadway area is too small to support a permanent control structure.
- Examining the sharing and retrofit opportunities of the existing and future stormwater management facilities; and
- Storm sewers outletting to the highway ditches instead of breaking into the culverts.

7.0 Opportunities to Integrate with Barrie’s Master Drainage Plan

- **Slides 22 and 23, Hotchkiss Creek On-line Pond 1 and MTO SWM Wet Pond # 6:** L. Cooney noted that the property is privately owned. The Conservation Authority did not support a pond. The project was on hold from 2004 to 2009. An online wet pond for quantity (peak flow control) but not quality is planned by the City of Barrie. One of the conditions for development is transfer of property for the pond from the developer to the City of Barrie. A revised concept could potentially be submitted and Barrie would work with MTO on this. The MDPS modelling will begin next year and be completed by 2018 and calibrated. It is important to protect the sewage treatment plant from flooding. Reducing capacity increases the flooding risk. S. Ristic indicated that a shared pond would be assumed and owned by the municipality. J. VanVoorst noted that MTO would keep the two separate but if there would be shared use, it could benefit both parties.
- **Slides 24 and 25, C-78 – Kidd’s Creek - Sunnidale Park Pond:** Highway 400 drainage diversion to Sunnidale Park SWMF, retrofit to outlet structure. MTO would not increase the opening size at this location, as it accommodates the 100-year storm. Either the highway drainage would flow to the existing online pond or be stored underground. Spills go to the next watershed. Kidds Creek is coldwater system. Mitigation of thermal, therefore, is required. L. Cooney noted that LID applications may be appropriate. Barrie is considering an LID structure for Bayfield. Brook trout are recorded at this location.
- **Slide 26, C-74 - Bunkers Creek Anne Street Pre Design- September 2004:** Twinning storm sewer, on-line storage within inner loop of Highway 400 ramp, divert flow from C75 to C74. The municipal maintenance yard pond is in this location. Sixty hectares of drainage flows to the stormsewer and the remaining two thirds goes to the pond.

8.0 Design Considerations in Next Design Stage (Detail Design)

Design considerations in Detail Design include:

- Refine stormwater management facility design according to downstream storm sewer/pipe capacity, if outletting to an enclosed system
- Barrie MDP updates
- Cost sharing agreement

9.0 Actions Following This Meeting



<u>Items</u>	<u>Description</u>	<u>Action</u> <u>By:</u>
	<ul style="list-style-type: none">• The City of Barrie is to review the presentation and the draft Drainage Report and provide comments• J. VanVoorst requested that the City of Barrie comments be circulated prior to PIC 2.	Barrie Barrie / MTO/ AECOM
Submitted By:	Karen Cooper / Jenny Dai	
Distribution:	Attendees	

Minutes

Meeting name
Pre-PIC Joint Meeting

Meeting Date
January 11, 2017

Attendees
Robert Vandenberg, MTO
Susan Sieradzki, MTO

Time
9:00 am to 11:00 am

Location
City of Barrie - City Hall
70 Collier St, Barrie, ON
L4M 4T5
Sir Robert Barrie Boardroom

Karen Cooper, AECOM
Sarah Schmied, AECOM

Ralph Scheunemann, City of Barrie
Lorran Cooney, City of Barrie
Frank Palka, City of Barrie
Sherry Diemert, City of Barrie
Richard Forward, City of Barrie
Tom Hanrahan, City of Barrie

Jae Park, County of Simcoe

Carolina Cautillo, Town of Innisfil
Tim Cane, Town of Innisfil

Scott Rome, OPP Barrie
Bill Boyes, Barrie Fire

Project name
Highway 400
Improvements from 1 km
South of Highway 89 to
the Junction of Highway
11

Project number
W.O. 06-20016

Ref	Item	Action
01	<p>Overview of the Study</p> <p>K. Cooper presented an overview of the Highway 400 Improvements Class Environmental Assessment and Preliminary Design Study Update including the background of the previous study, the scope of the current study, and the purpose of the upcoming Public Information Centre (PIC #2).</p> <p>The PIC will be focused on areas indicated by star icons on the PIC displays and roll plans. These areas have proposed modifications to the Approved Plan identified in the 2004 TESR and the Project Team is seeking public comments.</p>	
02	<p>Recommended Plan & Highway 89</p> <p>K. Cooper provided an overview of the Recommended Plan, noting that some of the structures in need of replacement are being replaced to accommodate the ultimate Highway 400 widening and may proceed with an interim replacement strategy.</p> <p>The Highway 89 interchange is proceeding to detail design in 2017 and is designated for replacement in the short term. The interim recommendations are being addressed through a separate TESR Addendum.</p>	
03	<p>Diverging Diamond Interchange</p> <p>The Diverging Diamond Interchange configuration is recommended at the Highway 400 / Mapleview Drive Interchange.</p> <p>K. Cooper noted that pedestrians in both directions will use the median sidewalk at the bridge. Barriers will be in place to separate the sidewalk from traffic in both</p>	

Please note: If you records of this meeting do not agree with this document, or if there are any omissions, please advise the writer at once, otherwise the contents of this document shall be assumed accurate and correct.

Ref	Item	Action
	<p>directions.</p> <p>The City of Barrie asked how snow removal will function with the Diverging Diamond. K Cooper noted that this would be determined during detail design. The portion of Mapleview Drive at the bridge would be somewhat sheltered from snow. There are publications on the subject of Diverging Diamond interchanges that discuss snow removal.</p> <p>K. Cooper noted that bike lanes can be accommodated in the design but will not be shown in the design at the PIC as cost-sharing has not been agreed upon between the City and MTO. S. Diemert noted that members of the public will ask about bike lanes at the PIC.</p> <p>The City of Barrie requested a preliminary cost estimate for the Diverging Diamond Interchange. K. Cooper will respond; however, the cost estimate would only be available at a preliminary design level of detail.</p>	AECOM
04	<p>Noise Barriers</p> <p>The City of Barrie inquired if the noise barrier at Little Lake Drive at the north end of the study area would block the City of Barrie sign. S. Sieradzki noted that the barrier would be at the edge of the right-of-way closer to the private property therefore it would not block the City sign.</p>	
05	<p>Dunlop St. Interchange</p> <p>The Project Team has modified the design of the Dunlop Street Interchange so that Dunlop Street could remain open during construction. Retaining walls will be used to minimize impacts to property and a reduced highway cross section will be required at the structure.</p>	
06	<p>2041 Planning Horizon</p> <p>T. Cane noted that the study has been completed for a 2031 planning horizon; however a 2041 planning horizon would be preferred. MTO noted that 2041 models were not available during this study. K. Cooper noted that a 2041 sensitivity analysis using an assumed percentage growth rate was completed and that the 2041 horizon would not impact the Highway capacity.</p>	
07	<p>Ontario Provincial Police Station</p> <p>K. Cooper noted that the Project Team is incorporating a specific access ramp to Highway 400 northbound from the OPP station at Rose Street (northeast of Highway 400 and Bayfield Street). This access ramp would need to be maintained by the OPP.</p> <p>S. Rome noted that the OPP station is owned by Infrastructure Ontario and there have been high level discussions regarding the future of the station, and the potential for it to be relocated. No one at OPP is aware of the future plans for the station and it would be best for the Project Team to speak with someone directly at Infrastructure Ontario for further information.</p>	AECOM
08	<p>Municipal Attendance at the PIC</p> <p>S. Schmied noted that the Project Team would like to include in the PIC displays a list of municipal studies / construction projects that are ongoing or completed in the study area. Municipal representatives can attend the PIC if they would like to</p>	

Ref	Item	Action
	<p>be present to answer any questions relating to municipal projects.</p> <p><i>[Post-meeting note: The Project Team requests that the municipalities do not bring municipal display materials to the PIC as the focus of the PIC is on the Highway 400 improvements.</i></p> <p><i>S. Schmied sent an email on February 27, 2017 to the municipalities with a list of municipal studies / construction projects that are completed or ongoing in the study area that the Project Team would like to include at PIC #2. The Project Team requested that the municipalities provide any comments on the list prior to March 13, 2017.]</i></p>	<p>AECOM / City of Barrie / Town of Innisfil / County of Simcoe</p>
09	<p>Schedule</p> <p>K. Cooper noted that the PIC is tentatively scheduled for February 9, 2017. Notification letters will be sent to everyone on the contact list, a notice will be published in the newspapers and the notice will be included on the project website in advance of the PIC with the date, time and location.</p> <p><i>[Post-meeting note: the PIC date of February 9, 2017 was canceled, rescheduling to follow.]</i></p>	
10	<p>Other</p> <p>The Drainage Report was sent to L. Cooney for comments prior to this meeting.</p> <p>The City of Barrie inquired about the timeline for construction. K. Cooper responded that various structures along the corridor are aging and are in need of replacement in the short-term. These structures will be replaced to accommodate the recommended widening; however, the timing for undertaking detail design and construction of the overall widening has yet to be determined.</p> <p>The City of Barrie noted that further discussions regarding cost-sharing will need to take place.</p>	