INDIGENOUS COMMUNITY CORRESPONDENCE

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: 905-825-2379

June 8, 2017

Ministry of the Environment and Climate Change
2 St. Clair Avenue West, Floor 12 A
Toronto, ON
M4V 1L5

Attention: Trevor Bell, Environmental Resource Planner and EA Coordinator
Environmental Approvals Branch

Re: Municipal Class Environmental Assessment Study
Notice of Study Commencement and Indigenous Consultation Confirmation
Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road

Dear Mr. Bell:

The Regional Municipality of Halton (Region) has retained Stantec Consulting Ltd. to undertake a Municipal Class Environmental Assessment (MCEA) Study to assess a wide range of transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton. This Study is being carried out in accordance with the planning and design process for Schedule C projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* document (October 2000, as amended in 2007, 2011 & 2015), which is approved under the Ontario *Environmental Assessment Act.*

This project is taking place in the Town of Milton/Town of Halton Hills on Regional Road 25 between Steeles Avenue and 5 Side Road. The study area encompasses lands within the Region's road right-of-way and adjacent properties; some are privately-owned industrial, commercial, and institutional lands. The study area is outlined in the attached Notice of Study Commencement and a short project backgrounder, attached for your reference.

The following Indigenous Communities (which hold elected leadership under the Indian Act or "traditional" rights) were identified as having a potential interest in this project and/or may have credible asserted Aboriginal or treaty rights in this study area:

- Mississaugas of the New Credit First Nation
- Six Nations of the Grand River
- Haudenosaunee Confederacy Chiefs Council

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment is being carried out to establish the archaeological significance of the study area and identify any potential archaeological resources (including those of Indigenous descent) in order to minimize any potential impacts to these resources prior to any future construction activities being undertaken. The Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over potential archaeological sites noted within the study area are satisfied and/or are to be further addressed through additional archaeological study. In parallel, a copy of this Assessment, and/or any other technical reports completed as part of this project, can also be provided to you upon request.

Putting aside any potential archaeological resources which might be identified during the Stage 1 Archaeological Assessment (or further studies), Halton Region is not aware of any potential impacts to Aboriginal or treaty rights arising from this project.

We ask that you please confirm all Indigenous Communities (either elected and/or traditional rights) which require interest-based consultation on this Study and whether you are aware of any asserted potential impacts to Aboriginal or treaty rights which might arise from this project.

Through the course of the Study, we understand that the Ministry of Environment and Climate Change will comment on the Region's consultation approach/records with the Indigenous Communities.

Should you have any questions or require additional information, please contact the undersigned by phone (905) 825-6000, ext. 7920 or email jeffrey.reid@halton.ca

Sincerely,

Mr. Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Commencement
Project Backgrounder

cc: Jake Noordhof, Senior Advisor – Indigenous Relations, MOECC Operations Division

NOTICE OF STUDY COMMENCEMENT

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY
Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road,
Town of Milton/Town of Halton Hills
PR-3130A

Study

Halton Region is initiating a Municipal Class Environmental Assessment (MCEA) Study for Regional Road 25 from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The need for additional capacity in the Regional Road 25 Corridor was identified in the Region's Transportation Master Plan – The Road to Change.

To address both public safety and the future 2031 travel demand along Regional Road 25, a number of road improvement alternatives will be examined as part of this Municipal Class Environmental Assessment Study. Road improvements, such as active transportation, and intersection operations as well as structural, drainage, cross-sectional and natural environment requirements will be assessed through the study.

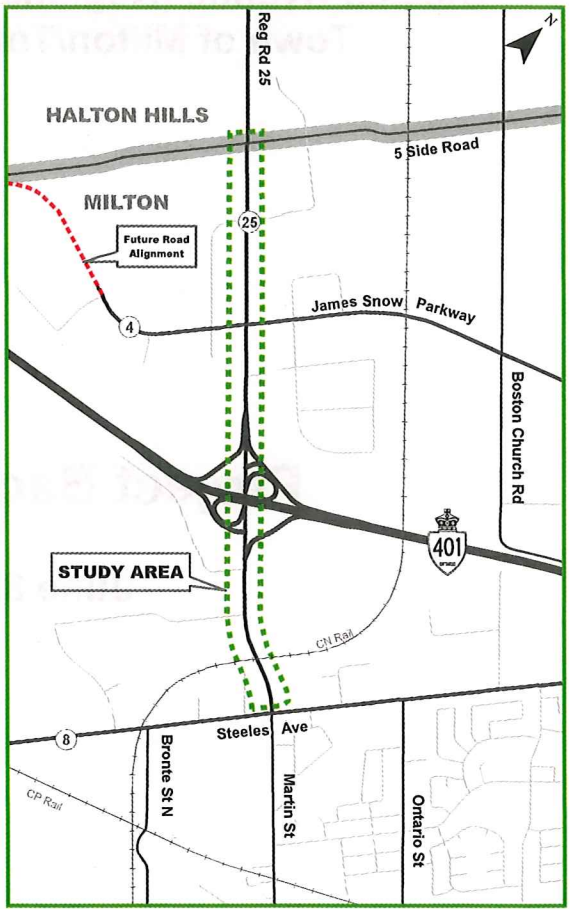
Process

This notice signals the commencement of the MCEA Study, which will define the problem, identify and evaluate alternative solutions, and determine a preferred solution in consultation with the Town of Milton, Town of Halton Hills, regulatory agencies and the public. This Study is being conducted in compliance with Schedule C of the *Municipal Class Environmental Assessment* (October 2000, amended 2007, 2011 and 2015), which is approved under the *Ontario Environmental Assessment Act*.

Public and review agency consultation is a key element of the MCEA process and input will be sought throughout this study. Details regarding the forthcoming Public Information Centre (PIC) will be advertised as the study progresses. Upon completion of the study, an Environmental Study Report (ESR) will be prepared and placed on the public record for a minimum 30-day review period. The document will detail the planning and consultation process and the preferred alternative.

Comments

Comments received through the course of the study will be considered and documented in the MCEA Study Report. Additional information related to the study and consultation process may be obtained through the website: **halton.ca/EAprojects**



The map shows the approximate limits of the study area.

Please contact either of the following project team members listed below if you have questions or would like to provide comments on this Study.

Mr. Jeffrey Reid, C.E.T., LET
Project Manager
Halton Region
1151 Bronte Road
Oakville, Ontario L6M 3L1
Phone: 905-825-6000 ext.7920
Email: jeffrey.reid@halton.ca

Mr. Gordon Murray, P. Eng., PTOE
Project Manager
Stantec Consulting Ltd.
300 Hagey Boulevard
Waterloo, Ontario N2L 0A4
Phone: 519-585-7358
Email: gordon.murray@stantec.com

This notice first issued June 1, 2017.

Halton Region
Municipal Class Environmental Assessment Study
Regional Road 25
Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road
Town of Milton/Town of Halton Hills

Project Backgrounder

June 8, 2017

Prepared by the Regional Municipality of Halton

1.0 Introduction

The Regional Municipality of Halton (Region) is initiating a Municipal Class Environmental Assessment (MCEA) Study to consider a wide range of options for transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton/Town of Halton Hills. To best address both public safety and the future 2031 travel demand along Regional Road 25, a number of road improvement alternatives will be examined as part of this Municipal Class Environmental Assessment Study. Road improvements, such as active transportation, and intersection operations as well as structural, drainage, cross-sectional and natural environment requirements will be assessed through the study.

The anticipated duration of the Study is approximately 18 months.

2.0 Background to the Municipal Class EA Study

The need for additional capacity in the Regional Road 25 corridor was identified in the Halton Region Transportation Master Plan – The Road to Change (2011). The MCEA Study focuses on the section of Steeles Avenue between Tremaine Road and Industrial Drive. At this time, the Region anticipates that the improvements required for Regional Road 25 in the study area could include a combination of the following:

- Widening the existing four lane roadway to six through lanes;
- Addition of on-road and off-road active transportation facilities;
- Improvements to the Canadian National Railway rail overpass to accommodate the widened cross-section, including active transportation facilities;
- Improvements at the Highway 401 interchange to accommodate the six-lane cross section, including active transportation facilities;
- Improvements at all intersections within the study area; and
- Improvements to vertical and horizontal alignments where necessary, including structural improvements/widening.

Immediately south of the study area, previous planning work was completed in December 2010 as part of the MCEA Study for the widening of Steeles Avenue from two to four lanes, between Industrial Drive and Regional Road 25/Martin Street. This project has been recently tendered for construction. Improvements at the intersection of Regional Road 25/Martin Street and Steeles Avenue will be undertaken as part of the recently tendered project. The current MCEA Study will be planned in consideration of the adjacent improvements.

3.0 Study Area and Potential Impacts

As illustrated on Figure 1, the study area is located within the Town of Milton. The study area primarily consists of a disturbed road right of way, with adjacent landscaped areas and small vegetated patches. Land use along the corridor generally consists of a mix of commercial, industrial, and institutional uses.

Figure 1 – Study Area

In terms of natural environment, a large portion of the study area is made up of developed industrial, commercial and residential lands. Three Sixteen Mile Creek tributaries occur in the Study Area. A Natural Environment Report will be prepared that will include:

- a summary of the existing conditions based on the terrestrial and aquatic site visit and background review of available natural heritage information;

- an evaluation of relative sensitivities and significance of identified species and habitat features;
- an assessment of potential impacts;
- an evaluation of the alternatives based on potential impacts;
- a list of recommended mitigation measures and regulatory requirements; and
- a statement of net effects.

The report will include natural heritage data for Environmentally Sensitive Areas (ESAs), Areas of Natural or Scientific Interest (ANSIs), woodlots, watercourses, wetlands, wildlife and habitat, and other vegetation. Locations of Species at Risk (SAR) and SAR habitat identified or confirmed during the field studies, if any, will be presented in relation to the georeferenced plans.

Mitigation will be recommended where required to protect identified natural features and address regulatory requirements (e.g., *Migratory Birds Convention Act*, and the *Endangered Species Act*).

In accordance with the Municipal Class EA process, a Stage 1 Archaeological Assessment is being carried out to establish the archaeological significance of the study area, identify any potential archaeological resources (including those of Indigenous descent), and minimize any potential impacts to these resources prior to any future construction activities being undertaken.

4.0 Indigenous Community Consultation Approach

Consultation with Indigenous Communities is an integral part of the Municipal Class EA process.

The project team has attempted to identify potential Indigenous communities (which hold elected leadership under the Indian Act) as having potential interest in this project and/or may have credible asserted Aboriginal or treaty rights in this study area. The project team will be seeking MOECC confirmation of this list, including identification of any other Indigenous communities, both elected and/or traditional.

Upon MOECC confirmation of the appropriate Indigenous communities to be contacted, the project team will initiate interest-based consultation with these communities throughout the duration of the project in hope that they will assist in determining if their communities may hold an interest in this project and have input to the Study. Any comments are welcome and will be taken into consideration throughout the Municipal Class EA Study. Specifically, we will be seeking input on:

- Any preliminary comments or concerns that the communities may have on the proposed project;

- The level of interest in the project from the communities for further engagement; and,

- The best methods to communicate with their communities.

All consultation will be formally documented in an Indigenous Communities Consultation Record which will form part of the final Study Project File/Environmental Study Report.

Also, the Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over any potential archaeological sites noted within the study area are satisfied and/or are to be further addressed through additional archaeological study. In parallel, a copy of the Assessment, or any other technical reports completed as part of this project, can also be provided to Indigenous communities upon request.

Through the course of the Study project, we understand that the Ministry of Environment and Climate Change will comment on Halton Region's consultation approach/records with the Indigenous Communities and whether the Crown's rights-based duty to consult process may be required.

5.0 Study Contacts

If you would like more information on the project or have any questions or comments, please contact:

Jeffrey Reid, C.E.T., LET
Project Manager, Infrastructure Planning & Policy
Public Works
Halton Region
1151 Bronte Road
Oakville, Ontario L6M 3L1

Tel: 905-825-6000 ext. 7920
Fax: 905-825-2379
E-mail: jeffrey.reid@halton.ca

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: (905) 825-2379

January 11, 2018

Chief Stacey LaForme
Mississaugas of the New Credit First Nation
2789 Mississauga Road, RR #6
Hagersville, ON N0A 1H0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Commencement

Dear Chief LaForme:

The Regional Municipality of Halton has retained Stantec Consulting Ltd. to undertake a Municipal Class Environmental Assessment (EA) Study to assess a wide range of transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton/Town of Halton Hills.

This Study is being carried out in accordance with the planning and design process for Schedule C projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2015), which is approved under the Ontario *Environmental Assessment Act*. The Study Area is shown in the attached Notice of Study Commencement.

This letter is to inform the Mississaugas of the New Credit First Nation of the project (see enclosed notice) and to ask for assistance in determining if your community may hold an interest in this project. We ask that you inform our project team of any preliminary comments or concerns your community has about potential impacts to Aboriginal or treaty rights within, or in proximity to, the Study Area. Any comments related to this study are welcome and will be taken into consideration throughout this Municipal Class EA Study.

There will be opportunities to learn more about the project at future Public Information Centre (PIC) events. Should you indicate interest in receiving further communications, our future correspondence will provide details on PIC event scheduling and locations.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) is being carried out to establish whether there is any archaeological significance in the Study Area and, if applicable, to identify, and avoid, or minimize potential impacts to any potential archaeological resources, including those of Indigenous descent. The Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over any potential archaeological resources within the Study Area are satisfied and/or will be further addressed through additional archaeological study. A copy of this Assessment, and/or any other technical reports completed as part of this project, can be provided to you upon request.

Our project team would be pleased to meet with you at any time during the Study to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, ext. 7920, or fax (905) 825-2379 or email jeffrey.reid@halton.ca.

Sincerely,

Mr. Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Commencement

cc: Gord Murray, Stantec

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: (905) 825-2379

January 11, 2018

Fawn Sault – Consultation Manager
Mississaugas of the New Credit First Nation
2789 Mississauga Road, RR #6
Hagersville, ON N0A 1H0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Commencement

Dear Ms. Sault:

The Regional Municipality of Halton has retained Stantec Consulting Ltd. to undertake a Municipal Class Environmental Assessment (EA) Study to assess a wide range of transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton/Town of Halton Hills.

This Study is being carried out in accordance with the planning and design process for Schedule C projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2015), which is approved under the Ontario *Environmental Assessment Act*. The Study Area is shown in the attached Notice of Study Commencement.

This letter is to inform the Mississaugas of the New Credit First Nation of the project (see enclosed notice) and to ask for assistance in determining if your community may hold an interest in this project. We ask that you inform our project team of any preliminary comments or concerns your community has about potential impacts to Aboriginal or treaty rights within, or in proximity to, the Study Area. Any comments related to this study are welcome and will be taken into consideration throughout this Municipal Class EA Study.

There will be opportunities to learn more about the project at future Public Information Centre (PIC) events. Should you indicate interest in receiving further communications, our future correspondence will provide details on PIC event scheduling and locations.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) is being carried out to establish whether there is any archaeological significance in the Study Area and, if applicable, to identify, and avoid, or minimize potential impacts to any potential archaeological resources, including those of Indigenous descent. The Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over any potential archaeological resources within the Study Area are satisfied and/or will be further addressed through additional archaeological study. A copy of this Assessment, and/or any other technical reports completed as part of this project, can be provided to you upon request.

Our project team would be pleased to meet with you at any time during the Study to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, ext. 7920, or fax (905) 825-2379 or email jeffrey.reid@halton.ca.

Sincerely,

Mr. Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Commencement

cc: Gord Murray, Stantec

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: (905) 825-2379

January 11, 2018

Chief Ava Hill
Six Nations of the Grand River
P.O. Box 5000
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Commencement

Dear Chief Hill:

The Regional Municipality of Halton has retained Stantec Consulting Ltd. to undertake a Municipal Class Environmental Assessment (EA) Study to assess a wide range of transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton/Town of Halton Hills.

This Study is being carried out in accordance with the planning and design process for Schedule C projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2015), which is approved under the Ontario *Environmental Assessment Act*. The Study Area is shown in the attached Notice of Study Commencement.

This letter is to inform the Six Nations of the Grand River of the project (see enclosed notice) and to ask for assistance in determining if your community may hold an interest in this project. We ask that you inform our project team of any preliminary comments or concerns your community has about potential impacts to Aboriginal or treaty rights within, or in proximity to, the Study Area. Any comments related to this study are welcome and will be taken into consideration throughout this Municipal Class EA Study.

There will be opportunities to learn more about the project at future Public Information Centre (PIC) events. Should you indicate interest in receiving further communications, our future correspondence will provide details on PIC event scheduling and locations.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) is being carried out to establish whether there is any archaeological significance in the Study Area and, if applicable, to identify, and avoid, or minimize potential impacts to any potential archaeological resources, including those of Indigenous descent. The Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over any potential archaeological resources within the Study Area are satisfied and/or will be further addressed through additional archaeological study. A copy of this Assessment, and/or any other technical reports completed as part of this project, can be provided to you upon request.

Our project team would be pleased to meet with you at any time during the Study to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, ext. 7920, or fax (905) 825-2379 or email jeffrey.reid@halton.ca.

Sincerely,

Mr. Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Commencement

cc: Gord Murray, Stantec

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: (905) 825-2379

January 11, 2018

Joanne Thomas – Consultation Supervisor
Six Nations of the Grand River
P.O. Box 5000
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Commencement

Dear Ms. Thomas:

The Regional Municipality of Halton has retained Stantec Consulting Ltd. to undertake a Municipal Class Environmental Assessment (EA) Study to assess a wide range of transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton/Town of Halton Hills.

This Study is being carried out in accordance with the planning and design process for Schedule C projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2015), which is approved under the Ontario *Environmental Assessment Act*. The Study Area is shown in the attached Notice of Study Commencement.

This letter is to inform the Six Nations of the Grand River of the project (see enclosed notice) and to ask for assistance in determining if your community may hold an interest in this project. We ask that you inform our project team of any preliminary comments or concerns your community has about potential impacts to Aboriginal or treaty rights within, or in proximity to, the Study Area. Any comments related to this study are welcome and will be taken into consideration throughout this Municipal Class EA Study.

There will be opportunities to learn more about the project at future Public Information Centre (PIC) events. Should you indicate interest in receiving further communications, our future correspondence will provide details on PIC event scheduling and locations.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) is being carried out to establish whether there is any archaeological significance in the Study Area and, if applicable, to identify, and avoid, or minimize potential impacts to any potential archaeological resources, including those of Indigenous descent. The Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over any potential archaeological resources within the Study Area are satisfied and/or will be further addressed through additional archaeological study. A copy of this Assessment, and/or any other technical reports completed as part of this project, can be provided to you upon request.

Our project team would be pleased to meet with you at any time during the Study to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, ext. 7920, or fax (905) 825-2379 or email jeffrey.reid@halton.ca.

Sincerely,

Mr. Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Commencement

cc: Gord Murray, Stantec

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: (905) 825-2379

January 11, 2018

Lonny Bomberry – Lands and Resources Director
Six Nations of the Grand River
P.O. Box 5000
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Commencement

Dear Mr. Bomberry:

The Regional Municipality of Halton has retained Stantec Consulting Ltd. to undertake a Municipal Class Environmental Assessment (EA) Study to assess a wide range of transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton/Town of Halton Hills.

This Study is being carried out in accordance with the planning and design process for Schedule C projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2015), which is approved under the Ontario *Environmental Assessment Act*. The Study Area is shown in the attached Notice of Study Commencement.

This letter is to inform the Six Nations of the Grand River of the project (see enclosed notice) and to ask for assistance in determining if your community may hold an interest in this project. We ask that you inform our project team of any preliminary comments or concerns your community has about potential impacts to Aboriginal or treaty rights within, or in proximity to, the Study Area. Any comments related to this study are welcome and will be taken into consideration throughout this Municipal Class EA Study.

There will be opportunities to learn more about the project at future Public Information Centre (PIC) events. Should you indicate interest in receiving further communications, our future correspondence will provide details on PIC event scheduling and locations.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) is being carried out to establish whether there is any archaeological significance in the Study Area and, if applicable, to identify, and avoid, or minimize potential impacts to any potential archaeological resources, including those of Indigenous descent. The Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over any potential archaeological resources within the Study Area are satisfied and/or will be further addressed through additional archaeological study. A copy of this Assessment, and/or any other technical reports completed as part of this project, can be provided to you upon request.

Our project team would be pleased to meet with you at any time during the Study to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, ext. 7920, or fax (905) 825-2379 or email jeffrey.reid@halton.ca.

Sincerely,

Mr. Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Commencement

cc: Gord Murray, Stantec

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: (905) 825-2379

January 11, 2018

Hohahes Leroy Hill – HCCC Secretary
Haudenosaunee Confederacy Chiefs Council
2634 6th Line, RR 2
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Commencement

Dear Mr. Hill:

The Regional Municipality of Halton has retained Stantec Consulting Ltd. to undertake a Municipal Class Environmental Assessment (EA) Study to assess a wide range of transportation corridor improvements to satisfy future travel demands on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton/Town of Halton Hills.

This Study is being carried out in accordance with the planning and design process for Schedule C projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2015), which is approved under the Ontario *Environmental Assessment Act*. The Study Area is shown in the attached Notice of Study Commencement.

This letter is to inform the Haudenosaunee Confederacy Chiefs Council of the project (see enclosed notice) and to ask for assistance in determining if your community may hold an interest in this project. We ask that you inform our project team of any preliminary comments or concerns your community has about potential impacts to Aboriginal or treaty rights within, or in proximity to, the Study Area. Any comments related to this study are welcome and will be taken into consideration throughout this Municipal Class EA Study.

There will be opportunities to learn more about the project at future Public Information Centre (PIC) events. Should you indicate interest in receiving further communications, our future correspondence will provide details on PIC event scheduling and locations.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) is being carried out to establish whether there is any archaeological significance in the Study Area and, if applicable, to identify, and avoid, or minimize potential impacts to any potential archaeological resources, including those of Indigenous descent. The Archaeological Assessment will be submitted to the Ministry of Tourism, Culture and Sport for approval to ensure that any concerns over any potential archaeological resources within the Study Area are satisfied and/or will be further addressed through additional archaeological study. A copy of this Assessment, and/or any other technical reports completed as part of this project, can be provided to you upon request.

Our project team would be pleased to meet with you at any time during the Study to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, ext. 7920, or fax (905) 825-2379 or email jeffrey.reid@halton.ca.

Sincerely,

Mr. Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Commencement

cc: Gord Murray, Stantec

NOTICE OF PUBLIC INFORMATION CENTRE #1

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY
Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road,
Town of Milton/Town of Halton Hills
PR-3130A

Study

Halton Region has initiated a Municipal Class Environmental Assessment (MCEA) Study for Regional Road 25 from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The MCEA Study will consider a wide range of road improvement alternatives as well as intersection improvements, active transportation and overall traffic operations. The impact of road improvements on social, cultural, economic and natural environments will also be evaluated and assessed during the study.

Process

The study is being conducted in compliance with Schedule C of the *Municipal Class Environmental Assessment* (October 2000, amended 2007, 2011 and 2015), which is approved under the *Ontario Environmental Assessment Act*.

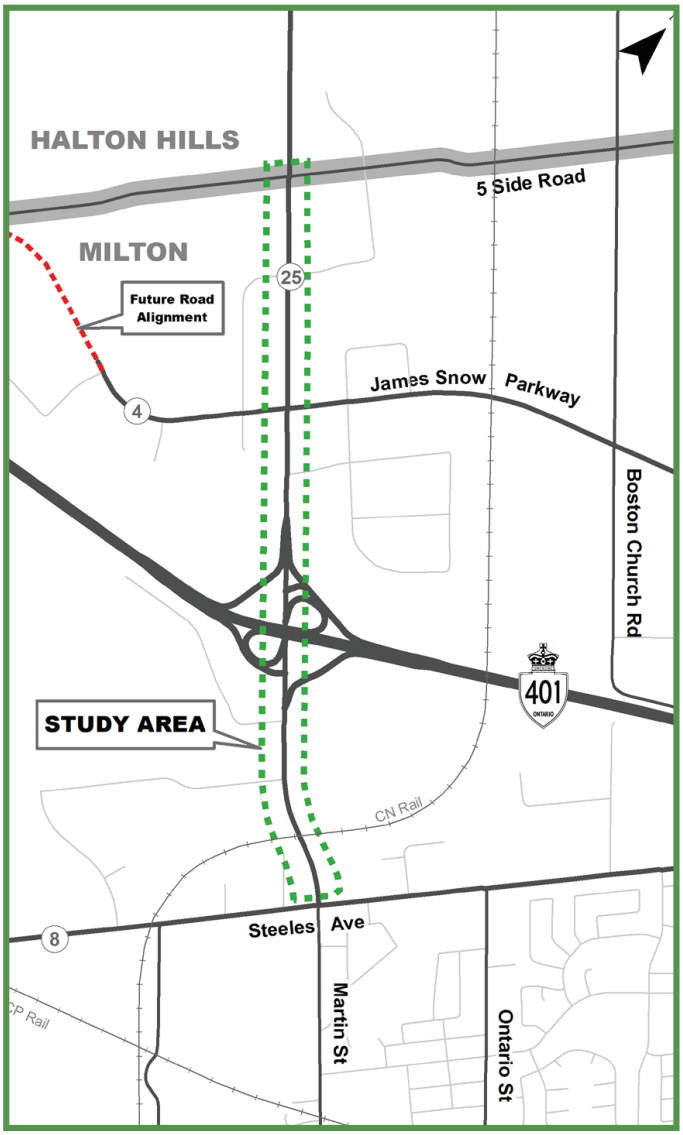
A key component of the study will be consultation with interested stakeholders (public and regulatory agencies) through Public Information Centres (PIC). The first Public Information Centre has been arranged for:

Date: Thursday, March 8, 2018.
Time: Drop-in between 6:30 – 8:30 p.m.
Location: Bob Rumball Canadian Centre of Excellence for the Deaf
7801 5 Side Road, Milton ON
L9T 2X7

The purpose of the PIC is to review and obtain public input on the problem being addressed, background information and the planning alternatives being considered. Anyone with an interest in this study is invited to attend and participate.

Comments

If you are unable to attend the Public Information Centre and would like to provide comments, please forward them by Friday, March 23, 2018 to either Project Team member. For more information on this project, please visit the project website at **halton.ca/EAprojects**.



The map shows the approximate limits of the Study Area.

Mr. Jeffrey Reid, C.E.T., LET
Project Manager
Halton Region
1151 Bronte Road
Oakville, Ontario, L6M 3L1
Phone: 905-825-6000, ext. 7920
Email: Jeffrey.Reid@halton.ca

Mr. Gordon Murray, P. Eng., PTOE
Project Manager
Stantec Consulting Ltd.
300 Hagey Boulevard
Waterloo, ON N2L 0A4
Phone: 519-585-7358
Email: Gordon.Murray@stantec.com

This Notice first issued on February 22, 2018.
halton.ca/EAprojects

NOTICE OF PUBLIC INFORMATION CENTRE #2

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY

Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road,Town of Milton/Town of Halton Hills
PR-3130A

Study

Halton Region is undertaking a Municipal Class Environmental Assessment (MCEA) Study for Regional Road 25 from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The MCEA Study has considered a wide range of road improvement alternatives as well as intersection improvements, active transportation and overall traffic operations. The impact of road improvements on social, cultural, economic and natural environments have been evaluated and assessed during the study.

Process

The study is being conducted in compliance with Schedule C of the *Municipal Class Environmental Assessment* (October 2000, amended 2007, 2011 and 2015), which is approved under the *Ontario Environmental Assessment Act*.

A key component of the study is consultation with interested stakeholders (public and regulatory agencies) through Public Information Centres (PIC). A previous Public Information Centre was held on March 8, 2018.

The final Public Information Centre to present the design concepts, evaluation of alternatives and the recommended preliminary preferred design alternative has been arranged for:

Date: Tuesday, June 11, 2019

Time: Drop-in: 6:30 – 8:30 p.m.

Location: Milton Sports Centre – Meeting Room #2
605 Santa Maria Boulevard
Milton ON, L9T 6J5

Comments

If you are unable to attend the Public Information Centre and would like to provide comments, please forward them by Friday, June 28, 2019 to either Project Team member. For more information on this project, please visit the project website at **halton.ca**.

The map shows the approximate limits of the study area.

Mr. Jeffrey Reid, C.E.T., LET
Project Manager
Halton Region
1151 Bronte Road
Oakville, ON L6M 3L1
Phone: (905) 825-6000, ext. 7920
Email: jeffrey.reid@halton.ca

Mr. Gordon Murray, P. Eng., PTOE
Project Manager
Stantec Consulting Ltd.
300 Hagey Boulevard
Waterloo, ON N2L 0A4
Phone: 519-585-7358
Email: gordon.murray@stantec.com

This notice first issued May 30, 2019.

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1

January 20, 2020

Lonny Bomberry – Lands and Resources Director
Six Nations of the Grand River
P.O. Box 5000
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton and Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Completion

Dear Mr. Bomberry:

The Regional Municipality of Halton has retained Stantec Consulting Inc. to undertake the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The need for additional capacity was identified in the Region's Transportation Master Plan – The Road to Change.

Further to the Region's correspondence dated January 11, 2018 (Notice of Study Commencement), February 21, 2018 (Public Information Centre #1) and May 27, 2019 (Public Information Centre #2), this letter is to inform the Six Nations of the Grand River that the enclosed Notice of Study Completion will be issued on January 23, 2020 and the Environmental Study Report (ESR) documenting the Municipal Class EA Study process will be placed on public record for a 30-day review period from **Thursday, January 23, 2020 to Friday, February 21, 2020**. Please refer to the enclosed Notice of Study Completion for a map showing the Study Area and for instructions regarding how to access and review the Environmental Study Report.

The Municipal Class EA Study was carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, amended 2007, 2011 and 2015), which is approved under the *Ontario Environmental Assessment Act*.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) has been completed by Stantec Consulting Inc. The assessment identified some areas with archaeological potential that will be subject to a Stage 2 Archaeological Assessment. The Environmental Study Report includes the commitment to conduct the Stage 2 Archaeological Assessment during the detailed design phase of the project. The Stage 1 Archaeological Assessment has been submitted to the Ministry of Tourism, Culture and Sport. A copy of this Assessment and correspondence with the Ministry of Tourism, Culture and Sport, have been documented in the Environmental Study Report.

Our project team would be pleased to meet with you at any time to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, extension 7920, or email jeffrey.reid@halton.ca.

Sincerely,

Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Completion

cc: Gord Murray, Stantec Consulting Ltd.
Paula Hohner, Stantec Consulting Ltd.

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1
Fax: (905) 825-2379

January 20, 2020

Chief Ava Hill
Six Nations of the Grand River
P.O. Box 5000
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton and Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Completion

Dear Chief Hill:

The Regional Municipality of Halton has retained Stantec Consulting Inc. to undertake the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The need for additional capacity was identified in the Region's Transportation Master Plan – The Road to Change.

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Our project team would be pleased to meet with you at any time to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, extension 7920, or email jeffrey.reid@halton.ca.

Sincerely,

Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Completion

cc: Gord Murray, Stantec Consulting Ltd.
Paula Hohner, Stantec Consulting Ltd.

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1

January 20, 2020

Joanne Thomas – Consultation Supervisor
Six Nations of the Grand River
P.O. Box 5000
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton and Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Completion

Dear Ms. Thomas:

The Regional Municipality of Halton has retained Stantec Consulting Inc. to undertake the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The need for additional capacity was identified in the Region's Transportation Master Plan – The Road to Change.

Further to the Region's correspondence dated January 11, 2018 (Notice of Study Commencement), February 21, 2018 (Public Information Centre #1) and May 27, 2019 (Public Information Centre #2), this letter is to inform the Six Nations of the Grand River that the enclosed Notice of Study Completion will be issued on January 23, 2020 and the Environmental Study Report (ESR) documenting the Municipal Class EA Study process will be placed on public record for a 30-day review period from **Thursday, January 23, 2020 to Friday, February 21, 2020**. Please refer to the enclosed Notice of Study Completion for a map showing the Study Area and for instructions regarding how to access and review the Environmental Study Report.

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In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) has been completed by Stantec Consulting Inc. The assessment identified some areas with archaeological potential that will be subject to a Stage 2 Archaeological Assessment. The Environmental Study Report includes the commitment to conduct the Stage 2 Archaeological Assessment during the detailed design phase of the project. The Stage 1 Archaeological Assessment has been submitted to the Ministry of Tourism, Culture and Sport. A copy of this Assessment and correspondence with the Ministry of Tourism, Culture and Sport, have been documented in the Environmental Study Report.

Our project team would be pleased to meet with you at any time to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, extension 7920, or email jeffrey.reid@halton.ca.

Sincerely,

Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Completion

cc: Gord Murray, Stantec Consulting Ltd.
Paula Hohner, Stantec Consulting Ltd.

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1

January 20, 2020

Fawn Sault – Consultation Manager
Mississaugas of the Credit First Nation
4065 Highway 6 North
Hagersville, ON N0A 1H0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton and Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Completion

Dear Ms. Sault:

The Regional Municipality of Halton has retained Stantec Consulting Inc. to undertake the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The need for additional capacity was identified in the Region's Transportation Master Plan – The Road to Change.

Further to the Region's correspondence dated January 11, 2018 (Notice of Study Commencement), February 21, 2018 (Public Information Centre #1), May 27, 2019 (Public Information Centre #2), June 10, 2019 (letter from Mississaugas of the Credit First Nation) and September 16, 2019 (Region's response letter), this letter is to inform the Mississaugas of the Credit First Nation that the enclosed Notice of Study Completion will be issued on January 23, 2020 and the Environmental Study Report (ESR) documenting the Municipal Class EA Study process will be placed on public record for a 30-day review period from **Thursday, January 23, 2020 to Friday, February 21, 2020**. Please refer to the enclosed Notice of Study Completion for a map showing the Study Area and for instructions regarding how to access and review the Environmental Study Report.

The Municipal Class EA Study was carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, amended 2007, 2011 and 2015), which is approved under the *Ontario Environmental Assessment Act*.

In accordance with the Municipal Class EA Study, a Stage 1 Archaeological Assessment (consisting principally of a paper research/document review) has been completed by Stantec Consulting Inc. The assessment identified some areas with archaeological potential that will be subject to a Stage 2 Archaeological Assessment. The Environmental Study Report includes the commitment to conduct the Stage 2 Archaeological Assessment during the detailed design phase of the project. The Stage 1 Archaeological Assessment has been submitted to the Ministry of Tourism, Culture and Sport. A copy of this Assessment and correspondence with the Ministry of Tourism, Culture and Sport, have been documented in the Environmental Study Report.

Our project team would be pleased to meet with you at any time to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, extension 7920, or email jeffrey.reid@halton.ca.

Sincerely,

Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Completion

cc: Gord Murray, Stantec Consulting Ltd.
Paula Hohner, Stantec Consulting Ltd.

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1

January 20, 2020

Chief Stacey LaForme
Mississaugas of the Credit First Nation
2789 Mississauga Road, RR #6
Hagersville, ON N0A 1H0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton and Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Completion

Dear Chief LaForme:

The Regional Municipality of Halton has retained Stantec Consulting Inc. to undertake the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The need for additional capacity was identified in the Region's Transportation Master Plan – The Road to Change.

Further to the Region's correspondence dated January 11, 2018 (Notice of Study Commencement), February 21, 2018 (Public Information Centre #1) and May 27, 2019 (Public Information Centre #2), this letter is to inform the Mississaugas of the Credit First Nation that the enclosed Notice of Study Completion will be issued on January 23, 2020 and the Environmental Study Report (ESR) documenting the Municipal Class EA Study process will be placed on public record for a 30-day review period from **Thursday, January 23, 2020 to Friday, February 21, 2020**. Please refer to the enclosed Notice of Study Completion for a map showing the Study Area and for instructions regarding how to access and review the Environmental Study Report.

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Our project team would be pleased to meet with you at any time to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, extension 7920, or email jeffrey.reid@halton.ca.

Sincerely,

Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Completion

cc: Gord Murray, Stantec Consulting Ltd.
Paula Hohner, Stantec Consulting Ltd.

Public Works
Infrastructure Planning and Policy
1151 Bronte Road
Oakville, ON L6M 3L1

January 20, 2020

Hazel Hill
Director of Operations – Haudenosaunee Development Institute
Haudenosaunee Confederacy Chiefs Council
2634 6th Line, RR 2
Ohsweken, ON N0A 1M0

Re: Regional Road 25 Transportation Corridor Improvements
Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton and Town of Halton Hills
Municipal Class Environmental Assessment Study – Notice of Study Completion

Dear Ms. Hill:

The Regional Municipality of Halton has retained Stantec Consulting Inc. to undertake the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. The need for additional capacity was identified in the Region's Transportation Master Plan – The Road to Change.

Further to the Region's correspondence dated January 11, 2018 (Notice of Study Commencement), February 21, 2018 (Public Information Centre #1) and May 27, 2019 (Public Information Centre #2), this letter is to inform the Haudenosaunee Confederacy Chiefs Council that the enclosed Notice of Study Completion will be issued on January 23, 2020 and the Environmental Study Report (ESR) documenting the Municipal Class EA Study process will be placed on public record for a 30-day review period from **Thursday, January 23, 2020 to Friday, February 21, 2020**. Please refer to the enclosed Notice of Study Completion for a map showing the Study Area and for instructions regarding how to access and review the Environmental Study Report.

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Our project team would be pleased to meet with you at any time to answer your questions or to respond to any concerns. The project team can be contacted through the undersigned by phone (905) 825-6000, extension 7920, or email jeffrey.reid@halton.ca.

Sincerely,

Jeffrey Reid, C.E.T., LET
Project Manager, Halton Region

Enclosure: Notice of Study Completion

cc: Gord Murray, Stantec Consulting Ltd.
Paula Hohner, Stantec Consulting Ltd.

Indigenous Communities Contacted and Subsequent Interactions

Aboriginal or First Nation Group and Contact Information	Interaction
Chief Stacey LaForme **Mississaugas of the Credit First Nation** 2789 Mississauga Road, RR #6 Hagersville, ON N0A 1H0 Stacey.LaForme@newcreditfirstnation.com Phone: 905-768-1133 ext. 240	• Notice of Study Commencement dated January 11, 2018 and sent to the address listed on the left on January 12, 2018. • Notice of PIC #1 sent to the address listed on the left on February 21, 2018. • Madeline Benner of London called for follow up on both Notices and left a voicemail for Chief Stacey LaForme on June 29, 2018. • Madeline Benner of London called for follow up on both Notices and left a voicemail for Chief Stacey LaForme on July 11, 2018. • Notice of PIC #2 sent on May 27, 2019. • Letter and Notice of Study Completion sent on January 20, 2020.
Ms. Fawn Sault **Mississaugas of the Credit First Nation** 4065 Hwy 6 Hagersville, ON N0A 1H0 Fawn.Sault@mncfn.ca Phone: 905-768-4260	• Notice of Study Commencement dated January 11, 2018 and sent to the address listed on the left on January 12, 2018. • Notice of PIC #1 sent to the address listed on the left on February 21, 2018. • Madeline Benner of London called for follow up on both Notices and left a voicemail for Chief Stacey LaForme on June 29, 2018. • Madeline Benner of London called for follow up on both Notices and left a voicemail for Chief Stacey LaForme on July 11, 2018. • Notice of PIC #2 sent on May 27, 2019. • Halton Region received letter from Ms. Fawn Sault, dated June 10, 2019. • Halton Region responded via couriered letter dated September 16, 2019. • Letter and Notice of Study Completion sent on January 20, 2020.
Chief Ava Hill **Six Nations of the Grand River** 1695 Chiefswood Road, PO Box 5000 Ohsweken, ON N0A 1M0 Phone: 519-445-2201	• Notice of Study Commencement dated January 11, 2018 and sent to the address listed on the left on January 12, 2018. • Notice of PIC #1 sent to the address listed on the left on February 21, 2018. • Madeline Benner of London called for follow up on the Notice on June 29, 2018 and spoke with reception. Reception noted that Ava is out of office and that matters regarding land are better dealt with the Lands and Resources Director (Lonny Bomberry) as Ava sends them there.

	• Madeline Benner of London called for follow up on both Notices on July 11, 2018 and spoke with reception. Reception said from now on to have Lonny Bomberry as the primary contact as all matters regarding lands are forwarded directly to him. • Notice of PIC #2 sent on May 27, 2019. • Letter and Notice of Study Completion sent on January 20, 2020.
Joanne Thomas **Six Nations of the Grand River** 2498 Chiefswood Road, PO Box 5000 Ohsweken, ON N0A 1M0 Phone: 519-753-0665	• Notice of Study Commencement dated January 11, 2018 and sent to the address listed on the left on January 12, 2018. • Notice of PIC #1 sent to the address listed on the left on February 21, 2018. • Madeline Benner of London called for follow up on both Notices and left a voicemail for Chief Stacey LaForme on June 29, 2018. • Madeline Benner of London called for follow up on both Notices and left a voicemail for Chief Stacey LaForme on July 11, 2018. • Notice of PIC #2 sent on May 27, 2019. • Letter and Notice of Study Completion sent on January 20, 2020.
Lonny Bomberry **Six Nations of the Grand River** 2498 Chiefswood Road, PO Box 5000 Ohsweken, ON N0A 1M0 Phone: 519-753-0665 ext. 5412	• Notice of Study Commencement dated January 11, 2018 and sent to the address listed on the left on January 12, 2018. • Notice of PIC #1 sent to the address listed on the left on February 21, 2018. • Madeline Benner of London called for follow up on the Notice and left a voicemail for Lonny Bomberry on June 29, 2018. • Madeline Benner of London called for follow up on July 11, 2018 on both Notices and spoke with Lonny. He said he received the notices and has no further comments. When asked if he would like to be contacted in the future for matters regarding this project he stated he would like to be taken off the contact list. • Notice of PIC #2 sent on May 27, 2019. • Letter and Notice of Study Completion sent on January 20, 2020.
Mr. Hohahes Leroy Hill **Haudenosaunee Confederacy Chiefs Council** 2634 6th Line, RR #2 Ohsweken, ON N0A 1M0 Phone: 519-445-4222	• Notice of Study Commencement dated January 11, 2018 and sent to the address listed on the left on January 12, 2018. • Notice of PIC #1 sent to the address listed on the left on February 21, 2018.

New Contact: **Hazel Hill** **Director of Operations – Haudenosaunee Development Institute** 2634 6th Line, RR #2 Ohsweken, ON N0A 1M0 Phone: 519-445-4222	• Madeline Benner of London called for follow up on the Notice and left a message with reception for Mr. Hill on June 29, 2018. • Madeline Benner of London called for follow up on both Notices on July 11, 2018. Spoke with reception regarding the NOSC and Notice of PIC. Reception confirmed they got both notices and asked that any future matters be addressed to **Hazel Hill** from the lands department, same address and phone number as Leroy. • Notice of PIC #2 sent on May 27, 2019. • Letter and Notice of Study Completion sent on January 20, 2020.

Department of
Consultation & Accommodation

Mr. Jeffery Reid
Project Manager
Halton Region
1151 Bronte Road
Oakville, ON. L6M 3L1
Jeffrey.reid@halton.ca

June 10, 2019

DOCA File # 2019-0188

Dear Mr. Reid,

We are the Mississaugas of the New Credit First Nation (MNCFN), the descendants of the Mississaugas of the River Credit. Our traditional territory extends from the Rouge River Valley in the east, across to the headwaters of the Thames River, down to Long Point on Lake Erie, and back along the shores of Lake Erie, the Niagara River, and Lake Ontario to the Rouge River Valley. It encompasses present-day London, Hamilton, and Toronto, as well as our communal lands. Our traditional territory has defined and sustained us as a First Nation for countless generations, and must continue to do so for all our generations to come.

Thank you for your notification on *the Municipal Class Environmental Assessment Study for Regional Road 25 Transportation Corridor Improvements form Steeles Avenue to 5 Side Road, Town of Milton PR-3130A* dated May 29, *2019*. The Mississaugas of the New Credit First Nation (MNCFN) has various treaty rights across its traditional territory, including the area contemplated by your project. For further information, please see our website, http://www.newcreditfirstnation.com/. MNCFN continues to exercise treaty rights which include, but are not limited to, rights to harvest, fish, trap and gather species of plants, animals and insects for any purpose including food, social, ceremonial, trade and exchange purposes. The MNCFN also has the right to use the water and resources from the rivers, creeks and lands across the MCNFN traditional territory.

At this time, MNCFN *does not* have a high level of concern regarding the proposed project and therefore, by way of this letter, approves the continuation of this project. However, MNCFN requests that you continue to notify us about the status of the project. **In addition, we respectfully ask you to immediately notify us if there are any changes to the project as they**

may impact MNCFN's interests and that you please provide us with a copy of all associated environmental and archaeology reports. This includes, but is not limited to changes related to the scope of work and expected archaeological and environmental impacts.

Additionally, MNCFN employs Field Liaison Representatives ("FLRs") to act as official representatives of the community and who are answerable to MNCFN Chief and Council through the Department of Consultation and Accommodation. The FLRs' mandate is to ensure that MNCFN's perspectives and priorities are considered in the field and to enable MNCFN to provide timely, relevant, and meaningful comment on the Project. Therefore, **it is MNCFN policy that FLRs are on location whenever any fieldwork for environmental and/or archaeological assessments are undertaken.** It is expected that the proponent will cover the costs of this FLR participation in the fieldwork. Please also provide the contact information of the person, or consultant, in charge of organizing this work so they may facilitate the participation of the MNCFN FLRs.

Nothing in this letter shall be construed as to affect the Aboriginal or Treaty rights and hence shall not limit any consultation and accommodation owed to MNCFN by the Crown or any proponent, as recognized by section 35 of the Constitution Act, 1982.

MNCFN reserves the right in relation to any development project or decision, to decide whether it supports a project and to: comment to regulators, participate in regulatory processes and hearings, seek intervener funding or status, or to challenge and seek remedies through the courts.

MNCFN expects all proponents to act according to the following best practices:

- Engage early in the planning process, before decisions are made
- Provide information in meaningful and understandable formats.
- Convey willingness to transparently describe the project and consider any MNCFN concerns.
- Recognize the significance of cultural activities and traditional practices of the MNCFN
- Demonstrate a respect for MNCFN knowledge and uses of land and resources.
- Understand the importance of youth and elders in First Nation communities.
- Act with honour, openness, transparency and respect.
- Be prepared to listen and allow time for meaningful discussion.

**Please include the DOCA File # in all correspondence on this project.

Sincerely,

Fawn D. Sault
Consultation Manager
MNCFN Department of Consultation and Accommodation
cc – Mark LaForme; Director, Department of Consultation and Accommodation

Infrastructure Planning
Public Works
1151 Bronte Road
Oakville ON L6M 3L1

September 16, 2019

Mississaugas of the Credit First Nation
4065 Highway 6 North
Hagersville, ON N0A 1H0

Attention: Fawn D. Sault, Consultation Manager

Dear Ms. Sault:

Re: Notice of Public Information Centre #2
Municipal Class Environmental Assessment Study (Study)
Regional Road 25 Transportation Improvements from Steeles Avenue (Regional Road 8) to 5 Side Road
Town of Milton/Town of Halton Hills
Region File #: PR-3130A
DOCA File #: 2019-0188

Thank you for your June 10, 2019 correspondence. The purpose of this letter is to respond to your letter and to provide additional information about the consultation process that Halton Region is undertaking as part of this Municipal Class EA Study process.

Consultation for this Study will comply with the mandatory guidelines developed by the Municipal Engineers Association (MEA) for First Nations and Aboriginal Peoples consultation as detailed in its Municipal Class Environmental Assessment document. Halton Region also follows the Ministry of Environment, Conservation and Parks "Areas of Interest" guidance protocol for Aboriginal consultation under the Ontario *Environmental Assessment Act*.

Halton Region is committed to the open flow of information and to ensuring that there are meaningful opportunities for MCFN to provide input during the Study. As you know, Halton Region notified MCFN of the Study Commencement and the subsequent Public Information Centres. MCFN will also receive timely notification of the future Environmental Study Report (ESR). Throughout the course of this study, the project team will be available to discuss MCFN's questions or concerns regarding the project.

MCFN will have access to the ESR when it becomes available. The ESR will include all environmental field work and archaeological assessment undertaken within the Study Area, including the associated findings and/or recommendations. During the public review period, the project team is and will continue to be available to review this information with MCFN. All correspondence and engagement between the project team and MCFN will be documented in the Indigenous Communities Consultation Record and that this Record will be incorporated into the final ESR.

Infrastructure Planning
Public Works
1151 Bronte Road
Oakville ON L6M 3L1

A Stage 1 Archaeological Assessment has been completed. To date, neither the Crown nor MCFN have identified potential impacts to MCFN Aboriginal or treaty rights. Accordingly, at this juncture the Region does not support MCFN Field Liaison Representatives' participation in the fieldwork. If archaeological fieldwork is conducted or the project team otherwise becomes aware of any potential impacts to Aboriginal or treaty rights the Region will be open to re-visiting the issue.

Please let us know if MCFN would like to meet with the project team to discuss. We look forward to MCFN's continued input during the Study.

Sincerely,

Jeffrey Reid, C.E.T., LET
Project Manager

c.c. Mark LaForme, Director, Department of Consultation and Accommodation
Chief R. Stacey Laforme, MCFN
Trevor Bell, Environmental Resource Planning and EA Coordinator, MECP
Jake Noordhof, Senior Advisor - Indigenous Relations, MECP

AGENCY AND STAKEHOLDER CORRESPONDENCE

Vanhell, Shane

From: Giesbrecht, Debra
Sent: Thursday, August 03, 2017 4:14 PM
To: esa.aurora@ontario.ca; aurora.mcallister@ontario.ca
Cc: Stuart, Sean; Burnard, Paula
Subject: Natural Heritage Information Request for Regional Road 25
Attachments: 165010586_BackgroundData_20170704.pdf; Aurora_Information_Request_Form_RR25_08032017.pdf; let_IR_RR25_MNRF_08032017.pdf

Attention: Aurora District MNRF

I have attached an information request letter and information request form for Regional Road 25 in Milton, ON. Please feel free to contact me if you have any questions.

Thanks in advance for your help.

Sincerely,

Debbie Giesbrecht

Debbie Giesbrecht, M.Sc.
Senior Ecologist
Stantec
200-835 Paramount Drive, Stoney Creek ON L8J 0B4
Phone: (905) 381-3214
Cell: (289) 775-6249
Fax: (905) 385-3534
debbie.giesbrecht@stantec.com

Ontario

Aurora MNR
Information Request Form

Name:	**Debbie Giesbrecht**
Company Name:	**Stantec Consulting Limited**
Proponent Name:	**Regional Municipality of Halton**
Phone Number:	**(905) 381-3214**
Email Address:	**debbie.giesbrecht@stantec.com**
Project Name:	**Regional Road 25 Transportation Corridor Improvements from Steeles Avenue (Regional Ro**
Property Location:	**Town of Milton**
Township:	**Halton**
Lot & Concession:	**n/a**
UTM Coordinates:	Easting (X) ____ Northing (Y) ____
Brief Description of Undertaking	**• widen the road from 4 to 6 lanes** **• the addition of on-road and off-road active transportation facilities** **• improvements to the Canadian National Railway overpass**

Have you previously contacted someone at MNR for information on this site? ☐ Yes ☒ No

If yes, when and who?

Provide a map of accurate scale to illustrate footprint/study area of the proposed activity in relation to the surrounding landscape (e.g. property boundaries, roads, waterbodies, natural features, towns, transmission corridors, and other human landmarks). Use of aerial photography is strongly encouraged. Include scale, north arrow and legend.

ATTACHMENTS - I have attached a:

☐ Picture ☒ Map ☐ Other

REQUEST - I would like to request the following information for the property identified above:

☒ Fish Dot Information (fish and other aquatic species found in a particular area of a watercourse)

☒ Wetland Mapping (hard copy) and/or evaluation and data record - please provide name of wetland if known)

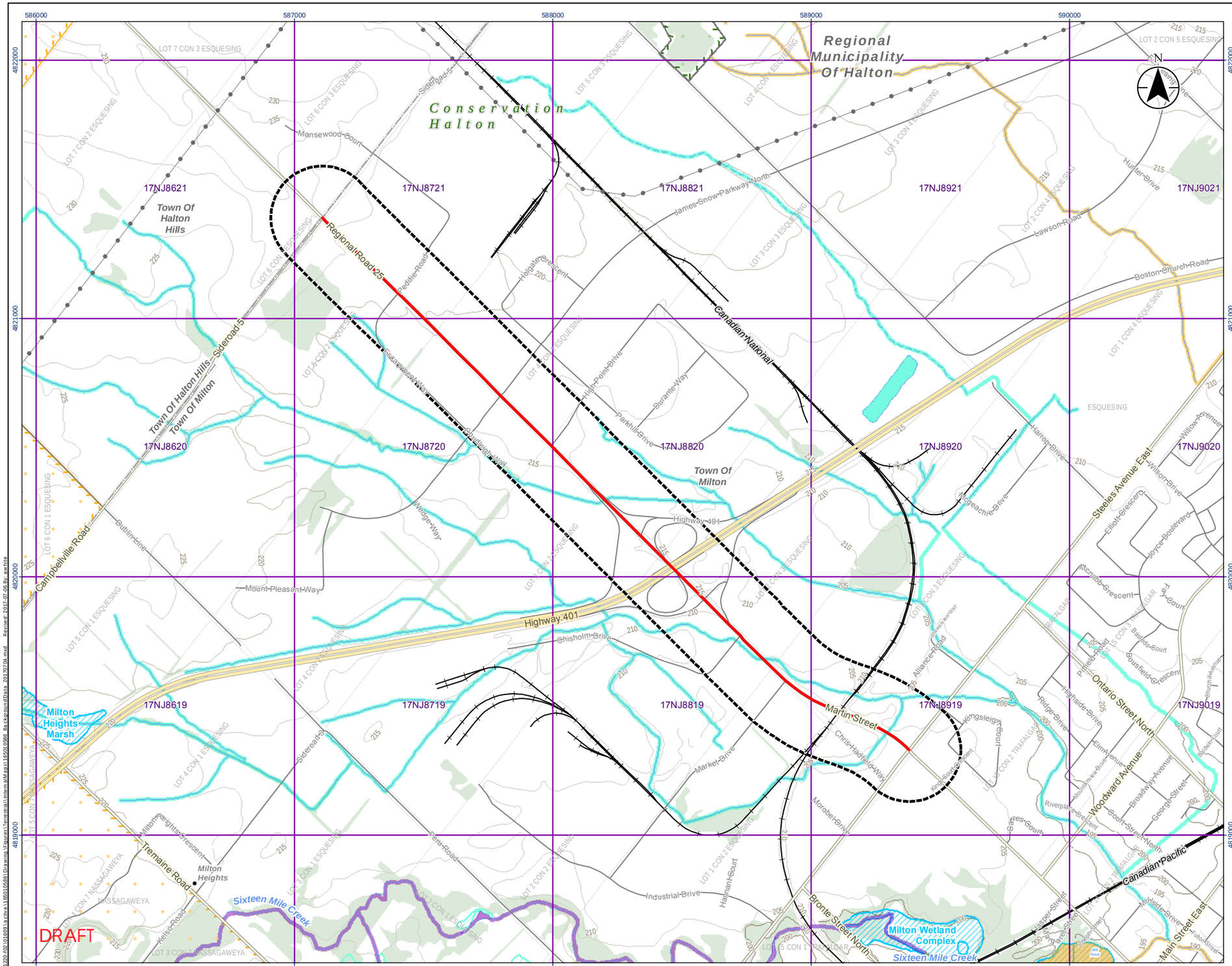
☒ ANSI Mapping (hard copy) and/or check- sheet - please provide name of ANSI if known)

☒ Species at Risk

☐ Other

Please forward the completed form to: esa.aurora@ontario.ca

Or send by mail:
Aurora District, Ministry of Natural Resources
50 Bloomington Rd Aurora, ON L4G 0L8



Stantec

Legend

- Thermal Regime, Cold
- Thermal Regime, Cool
- Thermal Regime, Warm
- Highway
- Major Road
- Minor Road
- Railway
- Hydro Line
- Watercourse (Intermittent)
- Watercourse (Permanent)
- Conservation Area Administrative Boundary
- Thermal Regime, Cold
- Thermal Regime, Cool
- Thermal Regime, Warm
- Waterbody
- Wetland, Other Evaluated
- Wetland, Not evaluated per OWES
- Wooded Area
- Greenbelt Natural Heritage System
- Niagara Escarpment Plan Boundary
- Lot
- Municipal Boundary, Upper
- Municipal Boundary, Lower
- 1 km UTM Grid

0 0.9 km

1:15,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2017.

Project Location
Halton Region

165010586 REVA
Prepared by AMW on 2017-07-06
Technical Review by ABC on yyyy-mm-dd
Independent Review by ABC on yyyy-mm-dd

Client/Project
HALTON REGION
REGIONAL ROAD 25 CLASS ENVIRONMENTAL ASSESSMENT

Figure No.
1

DRAFT

Title
Background Data

LC d1220-02\01609\active\165010586\Drawing\Figures\Terrestrial\Interim\Maps\165010586_BackgroundData_20170706.mxd Revised: 2017-07-06 By: awhite

Stantec Consulting Ltd.
200-835 Paramount Drive, Stoney Creek ON L8J 0B4

August 3, 2017
File: 165010586

Attention: Ministry of Natural Resources and Forestry (MNRF)
Ministry of Natural Resources and Forestry, Aurora District
50 Bloomington Road
Aurora, ON L4G 0L8

Via email: aurora.mcallister@ontario.ca, esa.aurora@ontario.ca

To Ms. McAllister,

Reference: Natural Heritage Information Request for corridor improvements on Regional Road 25 from Steeles Avenue to 5 Side Road in the Regional Municipality of Halton

INTRODUCTION

Stantec Consulting Ltd. (Stantec) was retained by The Regional Municipality of Halton to complete the Municipal Class Environmental Assessment (EA) to identify transportation improvements to Regional Road 25 from Steeles Avenue to 5 Side Road (the Project). The Region's Transportation Master Plan – The Road to Change (2011) identified the need to widen this stretch of Regional road 25 from 4 to 6 lanes. In addition to widening, other required road improvements may include:

- the addition of on-road and off-road active transportation facilities
- improvements to the Canadian National Railway overpass
- improvements at the Highway 401 Interchange
- improvements at all intersections within the study area
- improvements to the vertical and horizontal alignments where necessary,

The natural heritage Study Area includes the Regional Road 25 right-of-way (ROW), plus 120 m (see Attachment 1).

NATURAL HERITAGE REVIEW

Stantec completed a background review of the following online databases (accessed July 2017)

- MNRF's Land Information Ontario (LIO) database
- MNRF's Natural Heritage Information Centre (NHIC) database

Reference: Natural Heritage Information Request for corridor improvements on Regional Road 25 from Steeles Avenue to 5 Side Road in the Regional Municipality of Halton

- Ontario Nature's Reptile and Amphibian Atlas

Databases were reviewed for information pertaining to provincially designated natural features, and recent (1997+) records of species at risk (SAR) and provincially rare species. There were no provincially designated features (i.e, Areas of Natural or Scientific Interest, provincial parks, conservation reserves) in the Study Area. Two Species at Risk/Provincially Rare species records were found in the NHIC database: Virginia Bluebells (*Mertensia virginica*) and Redside Dace (*Clinostomus elongates*). However, the Ontario Reptile and Amphibian database contained records for four reptile Species at Risk: Blanding's Turtle (Threatened), Jefferson Salamander (Endangered), Milksnake (Special Concern), and Snapping Turtle (Special Concern). Barn Swallow was identified in the Study Area during the 2017 field visit (see below).

CONFIRMATION OF SURVEY REQUIREMENTS

Vegetation communities in the Study Area were mapped in July 2017 and all structures were searched for the presence of migratory bird nests. The Study Area is within an urban landscape; natural vegetation communities were mostly meadows, which have been regularly cut. A single Barn Swallow nest was identified on one of the culverts. No other Species at Risk or Provincially rare species were observed and there was no suitable habitat present for grassland birds or bats.

Stantec aquatic biologists will conduct reconnaissance level aquatic habitat surveys in summer 2017 to confirm existing conditions at the three Sixteen Mile Creek crossings and refine available habitat information. Field studies will include habitat mapping (e.g., watercourse dimensions, in-stream cover, substrate characteristics, riparian and aquatic vegetation) and photographs of representative habitat features. Fish community sampling is not proposed given the availability of data from CH and MNRF.

INFORMATION REQUEST

We respectfully request confirmation of the included findings and identification of any additional information you may have for the Study Area, including:

- Species/community information including occurrences of terrestrial and aquatic SAR and/or provincially rare species
- Fisheries community and aquatic habitat information for the watercourses in the study area vicinity
- Watercourse thermal regimes
- Significant Wildlife Habitat and other special habitat features

Reference: Natural Heritage Information Request for corridor improvements on Regional Road 25 from Steeles Avenue to 5 Side Road in the Regional Municipality of Halton

- Vegetation community and wetland delineations
- Other relevant natural heritage data

We thank you for your time and consideration in reviewing this information. Please do not hesitate to contact us with any questions or concerns regarding the content of this letter.

Regards,

STANTEC CONSULTING LTD.

Debbie Giesbrecht, M.Sc.
Senior Ecologist
Phone: 905-381-3214
debbie.giesbrecht@stantec.com

Attachment: Figure 1. Background Data

c. Paula.Burnard@stantec.com
Sean.stuart@stantec.com

Ministry of Natural Resources and Forestry
Aurora District Office
50 Bloomington Road
Aurora, Ontario L4G 0L8

Ministère des Richesses naturelles et des Forets

Telephone: (905) 713-7400
Facsimile: (905) 713-7361

Ontario

November 6, 2017

Debra Giesbrecht
Senior Ecologist
Stantec
200-835 Paramount Drive
Stoney Creek, ON L8J 0B8
905-381-3214
Debbie.giesbrecht@stantec.com

Re: Regional Road 25, Milton

Dear Debra Giesbrecht,

In your email of August 3, 2017 you requested information regarding the above location. Apologies for the delayed response.

Species at risk recorded in the vicinity include Butternut (endangered), Redside Dace (endangered, occupied habitat in both main tributaries of 16 Mile Creek, contributing habitat in tributary just north of Steeles Avenue) and Bobolink (threatened).

Absence of information provided by MNRF for a given geographic area, or lack of current information for a given area or element, does not categorically mean the absence of sensitive species or features. Many areas in Ontario have never been surveyed and new plant and animal species records are still being discovered for many localities. Appropriate inventory work is needed depending on the undertakings proposed. Approval from MNRF may be required if work you are proposing could cause harm to any species that receive protection under the *Endangered Species Act 2007*.

Species at risk information is highly sensitive and is not intended for any person or project unrelated to this undertaking. Please do not include any specific sensitive information in reports that will be available for public record. As you complete your fieldwork in these areas, please report all information related to any species at risk to our office. This will assist with updating our database and facilitate early consultation regarding your project.

If you have any questions or comments, please do not hesitate to contact ESA.aurora@ontario.ca or Bohdan.Kowalyk@Ontario.ca.

Sincerely,

B. Kowalyk

Bohdan Kowalyk, R.P.F.
Aurora District, Ontario Ministry of Natural Resources and Forestry

From:	Reid, Jeffrey
To:	Murray, Gordon; Burnard, Paula
Cc:	Larkin, Ann
Subject:	FW: Regional Road 25 MCEA Study - Meeting
Date:	Tuesday, December 05, 2017 2:45:06 PM
Attachments:	RR 25 MCEA - Notice of Study Commencement (Final).pdf

FYI – email sent to MNRF with potential meeting dates. Paula, while Aurora is on mat leave who can I forward this request?
Thanks,
Jeff

From: Reid, Jeffrey
Sent: Tuesday, December 05, 2017 2:39 PM
To: Aurora.McAllister@ontario.ca
Subject: Regional Road 25 MCEA Study - Meeting

Hi Aurora,

Hope you are doing well.

I wanted to touch-base regarding the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study (Steeles Avenue to 5 Side Road), within the Town of Milton/Town of Halton Hills. The Region's Project Team is aiming for a Public Information Centre (PIC) #1 at the beginning of March 2018. In advance of the PIC we would like to have a combined meeting with MNRF and Conservation Halton (CH).

The Region previously met with CH in July 2017 and completed a walk-about to gain a better understanding of the corridor. Attached is the Notice of Study Commencement which includes a study area map.

Below are some dates/times the Region and Consultant (Stantec) are available:

- Monday, January 29 from 1pm-3:30pm
- Tuesday, January 30 from 9am-12pm or 1pm-3pm
- Wednesday, January 31 from 9am-12pm or 1pm-3pm
- Thursday, February 1 from 9am-12pm or 1pm-3pm
- Friday, February 2 from 9am-12pm
- Monday, February 5 from 9am-12pm or 1pm-3pm
- Wednesday, February 7 from 9am-12pm or 1pm-3pm
- Thursday, February 8 from 9am-12pm or 1pm-3pm

Can you please confirm MNRF's availability. Please note that I have sent the same dates/times to Paul Bond.

If more convenient, we can meet at MNRF Offices. Also, I believe you meet monthly with CH and if

the timing works, maybe we could meet on the same day.

I'm available if you would like to discuss. Looking forward to again work with you.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

From: Kowalyk, Bohdan (MNRF)
To: Reid, Jeffrey; "Paul Bond"
Cc: Burnard, Paula; Murray, Gordon; Larkin, Ann; Currie, April (MTO)
Subject: RE: RR 25 MCEA - Draft Stormwater Management Report, Milton
Date: Tuesday, April 17, 2018 3:28:40 PM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png
AlternativesForm.pdf
Avoidance Alternatives Guide.pdf

Hello,

I don't expect to have any technical comments on the SWM Report which does not appear to refer to species at risk. Due to the presence of occupied Redside Dace habitat protected by the *Endangered Species Act 2007* in Sixteen Mile Creek, to clarify related authorization and alternative considerations requirements we will expect to receive an enumeration of:

a) the proposed percentage increase over the existing structure footprint within the bankfull width of the watercourse;
b) the square metres of land to be altered situated either within the watercourse or outside the watercourse but within 30 metres of the bankfull width of the watercourse; or
c) the square metres of land to be altered situated within the watercourse below the bankfull width.

If a) is less than 25%, b) is less than 300 square metres and c) is less than 100 square metres, the exemption section 23.4 of Ontario Regulation 242/08 would apply. If any of those dimensions are exceeded, an Avoidance Alternatives Form (attached with guidance) will need to be filled out and submitted.

If there are any questions, please let us know.

Regards,

Bohdan Kowalyk, R.P.F.
Aurora District, Ontario Ministry of Natural Resources and Forestry
50 Bloomington Road, Aurora, Ontario L4G 0L8
Phone: 905-713-7387; Email:Bohdan.Kowalyk@Ontario.ca

From: Reid, Jeffrey [mailto:Jeffrey.Reid@halton.ca]
Sent: April-17-18 8:41 AM
To: 'Paul Bond'; Kowalyk, Bohdan (MNRF)
Cc: Paula.Burnard@stantec.com; Murray, Gordon; Larkin, Ann
Subject: RE: RR 25 MCEA - Draft Stormwater Management Report

Hi Paul/Bohdan,

I'm just following-up as to see whether CH or MNRF had any comments related to the draft Regional Road 25 SWM Report.

Can I request that any comments be received by next Friday, April 27th.

I'm available if you would like to discuss.

Thanks,
Jeff

From: Reid, Jeffrey
Sent: Thursday, March 22, 2018 1:09 PM
To: 'Paul Bond'; bohdan.kowalyk@ontario.ca
Cc: Paula.Burnard@stantec.com; Murray, Gordon; Larkin, Ann
Subject: RR 25 MCEA - Draft Stormwater Management Report

Hi Paul/Bohdan,

As a follow-up to our meeting on January 23, 2018, we have drop-boxed (link below) the draft Stormwater Management Report for the Regional Road 25 MCEA Study.

http://dropbox.halton.ca/en/downloadfiles.aspx?param=A33DjpCmpuygiBvQtbhgqAeQuAleQuAl

We look forward to your input.

Please let me know if you have any questions.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

Ministry of the Environment and Climate Change
Drinking Water and Environmental Compliance Division

Central Region,
Technical Support Section
5775 Yonge Street, 9th Floor
North York, ON M2M 4J1
Tel. (416) 326-6700
Fax (416) 325-6347

Ministère de l'Environnement et de l'Action en matière de changement climatique
Division de la conformité en matière d'eau potable et d'environnement

Région du Centre
Section d'appui technique
5775, rue Yonge, 8ième étage
North York, Ontario M2M 4J1
Tél. : (416) 326-6700
Téléc. : (416) 325-6347

February 12, 2018 File No.: EA 01-06-05

Jeffrey Reid, C.E.T., LET
Project Manager
Halton Region
1151 Bronte Road
Oakville, ON L6M 3L1
jeffrey.reid@halton.ca

BY EMAIL ONLY

Re: **Regional Road 25 Transportation Corridor Improvements from Steeles Avenue to 5 Side Road**
Town of Milton/Town of Halton hills
Municipal Class Environmental Assessment
Response to Notice of Commencement

Dear Mr. Reid,

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment and Climate Change (MOECC) acknowledges that Halton Region has indicated that the study is following the approved environmental planning process for a Schedule C project under the Municipal Engineers Association's Municipal Class Environmental Assessment (Class EA).

The **updated** attached "Areas of Interest" document provides guidance regarding the ministry's interests with respect to the Class EA process. Please identify the areas of interest which are applicable to the project and ensure they are addressed. Proponents who address all of the applicable areas of interest can minimize potential delays to the project schedule.

Considering that this project is a Schedule C Municipal Class EA for a ~3 km stretch of roadway that is close sensitive receptors, an Air Quality Impact Assessment (AQIA) may be required to be included in the report and used as part of the decision making process for the preferred alternative to address all potential air quality impacts to sensitive receptors. This AQIA should include at a minimum the predicted traffic flows and the current and future emissions estimates, as well as any required mitigation measures. General guidance regarding the scope of AQIA requirements for Schedule C road improvement Municipal Class EA projects is attached to this letter for your reference.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before authorizing this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may

delegate procedural aspects of this duty to project proponents while retaining oversight of the consultation process.

The proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982. Where the Crown's duty to consult is triggered in relation to the proposed project**, the MOECC is delegating the procedural aspects of rights-based consultation to the proponent through this letter.** The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Steps that the proponent may need to take in relation to Aboriginal consultation for the proposed project are outlined in the "Code of Practice for Consultation in Ontario's Environmental Assessment Process" which can be found at the following link: https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process

Additional information related to Ontario's Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments

Please also refer to the attached document "A Proponent's Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities" for further information.

The proponent must contact the Director of Environmental Approvals Branch under the following circumstances subsequent to initial discussions with the communities identified by MOECC:

- Aboriginal or treaty rights impacts are identified to the proponent by the communities
- The proponent has reason to believe that the proposed project may adversely affect an Aboriginal or treaty right
- Consultation has reached an impasse
- A Part II Order request or elevation request is expected

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to EAASIBgen@ontario.ca or by mail or fax at the address provided below:

Email:	EAASIBGen@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Approvals Branch 135 St. Clair Avenue West, 1st Floor Toronto, ON, M4V 1P5

The MOECC will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role the proponent will be asked to play in them.

A draft copy of the Environmental Study Report (ESR) should be sent to this office prior to the filing of the final report, allowing a minimum of 30 days for the ministry's technical reviewers to provide comments. Please also forward the Notice of Completion and final ESR to me when completed.

Should you or any members of your project team have any questions regarding the material above, please contact me at trevor.bell@ontario.ca or 416-326-3577.

Yours truly,

Trevor Bell
Regional Environmental Assessment Coordinator
Air, Pesticides and Environmental Planning

cc: Paul Martin, Supervisor, Technical Support Section, MOECC
Chris Hyde, Manager (A), Halton Peel District Office, MOECC
Gordon Murray, Project Manager, Stantec Consulting Ltd.

Central Region EA File
A & P File

Attach: Areas of Interest
A Proponent's Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities
Air Quality Impact Assessment Guidance for Schedule C Municipal Road Class EAs

AREAS OF INTEREST

It is suggested that you check off each applicable area after you have considered / addressed it.

☐ **Source Water Protection (all projects)**

The Clean Water Act, 2006 (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects that are subject to the Environmental Assessment Act that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or in the vicinity of other at-risk drinking water systems (i.e. systems that are not municipal residential systems). MEA Class EA projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- As you may be aware, in October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. **Given this requirement, please include a section in the ESR on source water protection.**
    - The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically the report should discuss whether or not the project is located in a vulnerable area and provide applicable details about the area. If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the ESR how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc.

- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.

- In order to determine if this project is occurring within a vulnerable area, proponents can use this mapping tool: http://www.applications.ene.gov.on.ca/swp/en/index.php.The mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.

- For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. **Please consult with the local source protection authority to discuss potential impacts on drinking water. The contact for this project is Jennifer Stephens at 416-661-6600 ext. 5568 or jstephens@trca.on.ca. Please document the results of that consultation within the Report and include all communication documents/correspondence.**

More Information
For more information on the Clean Water Act, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to Conservation Ontario's website where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in section 1.1 of Ontario Regulation 287/07 made under the Clean Water Act. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MOECC.

Climate Change

Ontario is leading the fight against climate change through the Climate Change Action Plan. Recently released, the plan lays out the specific actions Ontario will take in the next five years to meet its 2020 greenhouse gas reduction targets and establishes the framework necessary to meet its long-term targets. As a commitment of the action plan, **the province has now finalized a guide, "Considering Climate Change in the Environmental Assessment Process" (2017) (Guide).**

The Guide is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MOECC's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in EA. **Proponents should review this Guide in detail.**

- The MOECC expects proponent to:

  1. Take into account during the assessment of alternative solutions and alternative designs, the following:
     a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and
     b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).
  2. Include a discrete section in the ESR detailing how climate change was considered in the EA.

  How climate change is considered can be qualitative or quantitative in nature, and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered. Please ensure climate change is considered in the report.

Planning and Policy

- Parts of the study area may be subject to the Oak Ridges Moraine Conservation Plan, Niagara Escarpment Plan, Greenbelt Plan, Lake Simcoe Protection Plan, or Growth Plan for the Greater Golden Horseshoe. Applicable policies should be referenced in the ESR, and the proponent should describe how the proposed study adheres to the relevant policies in these plans. **The new 2017 provincial plans are now in effect.**

- The Provincial Policy Statement (2014) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the ESR, and the proponent should describe how this proposed project is consistent with these policies.

Air Quality, Dust and Noise

- If there are sensitive receptors in the surrounding area of this project, an air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern. **Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.**

- **If a full Air Quality Impact Assessment is not required for the project, the ESR should still contain:**
  - A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions;
  - A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors;
  - A discussion of local air quality impacts that could arise from this project during both construction and operation; and
  - A discussion of potential mitigation measures.

- As a common practice, "air quality" should be used an evaluation criterion for all road projects.

- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.

- Please note that the ministry recommends that non-chloride dust-suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be applied, refer to *Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities*. Report prepared for Environment Canada. March 2005.

- The ESR should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.

Ecosystem Protection and Restoration

- Any impacts to ecosystem form and function must be avoided where possible. The ESR should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.

- All natural heritage features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. The following sensitive environmental features may be located within or adjacent to the study area:

  - Areas of Natural and Scientific Interest (ANSIs)
  - Rare Species of flora or fauna
  - Watercourses
  - Wetlands
  - Woodlots

We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, you may consider the provisions of the Rouge Park Management Plan if applicable.

Surface Water

- The ESR must include a sufficient level of information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.

- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's Stormwater Management Planning and Design Manual (2003) should be referenced in the ESR and utilized when designing stormwater control methods. **A Stormwater Management Plan should be prepared as part of the Class EA process** that includes:

    - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
    - Watershed information, drainage conditions, and other relevant background information
    - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
    - Information on maintenance and monitoring commitments.

- Ontario Regulation 60/08 under the Ontario Water Resources Act (OWRA) applies to the Lake Simcoe Basin, which encompasses Lake Simcoe and the lands from which surface water drains into Lake Simcoe. If the proposed sewage treatment plant is listed in Table 1 of the regulation, the ESR should describe how the proposed project and its mitigation measures are consistent with the requirements of this regulation and the OWRA.

- Any potential approval requirements for surface water taking or discharge should be identified in the ESR. In particular, a Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day. It should be noted that certain water taking activities have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW.

Groundwater

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the ESR.

- If the potential construction or decommissioning of water wells is identified as an issue, the ESR should refer to Ontario Regulation 903, Wells, under the OWRA.

- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.

- Any potential approval requirements for groundwater taking or discharge should be identified in the ESR. In particular, a PTTW under the OWRA will be required for any water takings that exceed 50,000 L/day. It should be noted that certain water taking activities have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW.

Contaminated Soils

- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act* (EPA) and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. Please contact the ministry's District Offices for further consultation if contaminated sites are present.

- Any current or historical waste disposal sites should be identified in the ESR. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites.

- The location of any underground storage tanks should be investigated in the ESR. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.

- The ESR should identify any underground transmission lines in the study area. The owners should be consulted to avoid impacts to this infrastructure, including potential spills.

Excess Materials Management

- Activities involving the management of excess soil should be completed in accordance with the MOECC's current guidance document titled "Management of Excess Soil – A Guide for Best Management Practices" (2014).

- All waste generated during construction must be disposed of in accordance with ministry requirements.

Servicing and Facilities

- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with the Environmental Approvals Access and Service Integration Branch (EAASIB) to determine whether a new or amended ECA will be required for any proposed infrastructure.

- We recommend referring to the ministry's "D-Series" guidelines – Land Use Compatibility to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

Mitigation and Monitoring

Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the ESR and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.

- Design and construction reports and plans should be based on a best management approach that

centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.

- The proponent's construction and post-construction monitoring plans must be documented in the ESR, as outlined in Section A.2.5 and A.4.1 of the MEA Class EA parent document.

Consultation

- The ESR must demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the ESR that identifies concerns that were raised and **describes how they have been addressed by the proponent** throughout the planning process. The Class EA also directs proponents to include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments.

Class EA Process

- The ESR should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making.

- If this project is a Master Plan: there are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. The Master Plan should clearly indicate the selected approach for conducting the plan, in particular by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the *Environmental Assessment Act* (EAA), although the plan itself would not be.

- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The ESR should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments) such that all potential impacts can be identified and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the ESR.

- Please include in the ESR a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including MOECC's PTTW, EASR Registrations and ECAs, conservation authority permits, and approval under the *Canadian Environmental Assessment Act 2012* (CEAA 2012)

- Ministry guidelines and other information related to the issues above are available at http://www.ontario.ca/environment-and-energy/environment-and-energy. We encourage you to review all the available guides and to reference any relevant information in the ESR.

DEFINITIONS

The following definitions are specific to this document and may not apply in other contexts:

Aboriginal communities – the First Nation or Métis communities identified by the Crown for the purpose of consultation.

Consultation – the Crown's legal obligation to consult when the Crown has knowledge of an established or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. This is the type of consultation required pursuant to s. 35 of the *Constitution Act, 1982*. Note that this definition does not include consultation with Aboriginal communities for other reasons, such as regulatory requirements.

Crown – the Ontario Crown, acting through a particular ministry or ministries.

Procedural aspects of consultation – those portions of consultation related to the process of consultation, such as notifying an Aboriginal community about a project, providing information about the potential impacts of a project, responding to concerns raised by an Aboriginal community and proposing changes to the project to avoid negative impacts.

Proponent – the person or entity that wants to undertake a project and requires an Ontario Crown decision or approval for the project.

I. PURPOSE

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that may adversely impact that right. In outlining a framework for the duty to consult, the Supreme Court of Canada has stated that the Crown may delegate procedural aspects of consultation to third parties. This document provides general information about the Ontario Crown's approach to delegation of the procedural aspects of consultation to proponents.

This document is not intended to instruct a proponent about an individual project, and it does not constitute legal advice.

II. WHY IS IT NECESSARY TO CONSULT WITH ABORIGINAL COMMUNITIES?

The objective of the modern law of Aboriginal and treaty rights is the *reconciliation* of Aboriginal peoples and non-Aboriginal peoples and their respective rights, claims and interests. Consultation is an important component of the reconciliation process.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. For example, the Crown's duty to consult is triggered when it considers issuing a permit, authorization or approval for a project which has the potential to adversely impact an Aboriginal right, such as the right to hunt, fish, or trap in a particular area.

The scope of consultation required in particular circumstances ranges across a spectrum depending on both the nature of the asserted or established right and the seriousness of the potential adverse impacts on that right.

Depending on the particular circumstances, the Crown may also need to take steps to accommodate the potentially impacted Aboriginal or treaty right. For example, the Crown may be required to avoid or minimize the potential adverse impacts of the project.

III. THE CROWN'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

The Crown has the responsibility for ensuring that the duty to consult, and accommodate where appropriate, is met. However, the Crown may delegate the procedural aspects of consultation to a proponent.

There are different ways in which the Crown may delegate the procedural aspects of consultation to a proponent, including through a letter, a memorandum of understanding, legislation, regulation, policy and codes of practice.

If the Crown decides to delegate procedural aspects of consultation, the Crown will generally:

- Ensure that the delegation of procedural aspects of consultation and the responsibilities of the proponent are clearly communicated to the proponent;
- Identify which Aboriginal communities must be consulted;
- Provide contact information for the Aboriginal communities;
- Revise, as necessary, the list of Aboriginal communities to be consulted as new information becomes available and is assessed by the Crown;
- Assess the scope of consultation owed to the Aboriginal communities;
- Maintain appropriate oversight of the actions taken by the proponent in fulfilling the procedural aspects of consultation;
- Assess the adequacy of consultation that is undertaken and any accommodation that may be required;
- Provide a contact within any responsible ministry in case issues arise that require direction from the Crown; and
- Participate in the consultation process as necessary and as determined by the Crown.

IV. THE PROPONENT'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

Where aspects of the consultation process have been delegated to a proponent, the Crown, in meeting its duty to consult, will rely on the proponent's consultation activities and documentation of those activities. The consultation process informs the Crown's decision of whether or not to approve a proposed project or activity.

A proponent's role and responsibilities will vary depending on a variety of factors including the extent of consultation required in the circumstance and the procedural aspects of consultation the Crown has delegated to it. Proponents are often in a better position than the Crown to discuss a project and its potential impacts with Aboriginal communities and to determine ways to avoid or minimize the adverse impacts of a project.

A proponent can raise issues or questions with the Crown at any time during the consultation process. If issues or concerns arise during the consultation that cannot be addressed by the proponent, the proponent should contact the Crown.

a) What might a proponent be required to do in carrying out the procedural aspects of consultation?

Where the Crown delegates procedural aspects of consultation, it is often the proponent's responsibility to provide notice of the proposed project to the identified Aboriginal communities. The notice should indicate that the Crown has delegated the procedural aspects of consultation to the proponent and should include the following information:

- a description of the proposed project or activity;
- mapping;
- proposed timelines;
- details regarding anticipated environmental and other impacts;
- details regarding opportunities to comment; and
- any changes to the proposed project that have been made for seasonal conditions or other factors, where relevant.

Proponents should provide enough information and time to allow Aboriginal communities to provide meaningful feedback regarding the potential impacts of the project. Depending on the nature of consultation required for a project, a proponent also may be required to:

- provide the Crown with copies of any consultation plans prepared and an opportunity to review and comment;
- ensure that any necessary follow-up discussions with Aboriginal communities take place in a timely manner, including to confirm receipt of information, share and update information and to address questions or concerns that may arise;
- as appropriate, discuss with Aboriginal communities potential mitigation measures and/or changes to the project in response to concerns raised by Aboriginal communities;
- use language that is accessible and not overly technical, and translate material into Aboriginal languages where requested or appropriate;
- bear the reasonable costs associated with the consultation process such as, but not limited to, meeting hall rental, meal costs, document translation(s), or to address technical & capacity issues;
- provide the Crown with all the details about potential impacts on established or asserted Aboriginal or treaty rights, how these concerns have been considered and addressed by the proponent and the Aboriginal communities and any steps taken to mitigate the potential impacts;
- provide the Crown with complete and accurate documentation from these meetings and communications; and
- notify the Crown immediately if an Aboriginal community not identified by the Crown approaches the proponent seeking consultation opportunities.

b) What documentation and reporting does the Crown need from the proponent?

Proponents should keep records of all communications with the Aboriginal communities involved in the consultation process and any information provided to these Aboriginal communities.

As the Crown is required to assess the adequacy of consultation, it needs documentation to satisfy itself that the proponent has fulfilled the procedural aspects of consultation delegated to it. The documentation required would typically include:

- the date of meetings, the agendas, any materials distributed, those in attendance and copies of any minutes prepared;
- the description of the proposed project that was shared at the meeting;
- any and all concerns or other feedback provided by the communities;
- any information that was shared by a community in relation to its asserted or established Aboriginal or treaty rights and any potential adverse impacts of the proposed activity, approval or disposition on such rights;
- any proposed project changes or mitigation measures that were discussed, and feedback from Aboriginal communities about the proposed changes and measures;
- any commitments made by the proponent in response to any concerns raised, and feedback from Aboriginal communities on those commitments;
- copies of correspondence to or from Aboriginal communities, and any materials distributed electronically or by mail;
- information regarding any financial assistance provided by the proponent to enable participation by Aboriginal communities in the consultation;
- periodic consultation progress reports or copies of meeting notes if requested by the Crown;
- a summary of how the delegated aspects of consultation were carried out and the results; and
- a summary of issues raised by the Aboriginal communities, how the issues were addressed and any outstanding issues.

In certain circumstances, the Crown may share and discuss the proponent's consultation record with an Aboriginal community to ensure that it is an accurate reflection of the consultation process.

c) Will the Crown require a proponent to provide information about its commercial arrangements with Aboriginal communities?

The Crown may require a proponent to share information about aspects of commercial arrangements between the proponent and Aboriginal communities where the arrangements:

- include elements that are directed at mitigating or otherwise addressing impacts of the project;
- include securing an Aboriginal community's support for the project; or
- may potentially affect the obligations of the Crown to the Aboriginal communities.

The proponent should make every reasonable effort to exempt the Crown from confidentiality provisions in commercial arrangements with Aboriginal communities to the extent necessary to allow this information to be shared with the Crown.

The Crown cannot guarantee that information shared with the Crown will remain confidential. Confidential commercial information should not be provided to the Crown as part of the consultation record if it is not relevant to the duty to consult or otherwise required to be submitted to the Crown as part of the regulatory process.

V. WHAT ARE THE ROLES AND RESPONSIBILITIES OF ABORIGINAL COMMUNITIES' IN THE CONSULTATION PROCESS?

Like the Crown, Aboriginal communities are expected to engage in consultation in good faith. This includes:

- responding to the consultation notice;
- engaging in the proposed consultation process;
- providing relevant documentation;
- clearly articulating the potential impacts of the proposed project on Aboriginal or treaty rights; and
- discussing ways to mitigate any adverse impacts.

Some Aboriginal communities have developed tools, such as consultation protocols, policies or processes that provide guidance on how they would prefer to be consulted. Although not legally binding, proponents are encouraged to respect these community processes where it is reasonable to do so. Please note that there is no obligation for a proponent to pay a fee to an Aboriginal community in order to enter into a consultation process.

To ensure that the Crown is aware of existing community consultation protocols, proponents should contact the relevant Crown ministry when presented with a consultation protocol by an Aboriginal community or anyone purporting to be a representative of an Aboriginal community.

VI. WHAT IF MORE THAN ONE PROVINCIAL CROWN MINISTRY IS INVOLVED IN APPROVING A PROPONENT'S PROJECT?

Depending on the project and the required permits or approvals, one or more ministries may delegate procedural aspects of the Crown's duty to consult to the proponent. The proponent may contact individual ministries for guidance related to the delegation of procedural aspects of consultation for ministry-specific permits/approvals required for the project in question. Proponents are encouraged to seek input from all involved Crown ministries sooner rather than later.

Air Quality Impact Assessment Guidance for Schedule C Municipal Road Class EAs

1. Study Area

   The scope of the AQIA should be determined by the proponent and clearly outlined in the AQIA document based on the number and nature of scenarios/alternatives being considered, for example, the routes under consideration.

   The focus should be on defining the "worst case scenario", whether it is the length of roadway with the highest traffic volumes in close proximity to sensitive receptors or sections of roadways with on and off ramps and overpasses. The end result should be a defined study area.

2. Sensitive Receptors

   All key and potentially sensitive receptors located in the surrounding area must be identified and included in the modeling. The AQIA should then assess the local air quality impacts at these sensitive receptors.

   According to the Ministry of Transportations' *Environmental Guide for Assessing and Mitigating the Air Quality Impacts and Greenhouse Gas Emissions of Provincial Transportation Projects (June, 2012)*, "…local air quality impacts are assumed to be limited to a distance of approximately 500 m from the transportation facility, in each direction." Therefore, the Cartesian grid system used to easily model concentrations at each receptor typically has a grid limit of approximately 500 m from the edge of the subject road.

3. List of Parameters

   The list of parameters should focus mainly on the key pollutants released from mobile sources such as, but not limited to, the following:
   - CO
   - NO_x (with a focus on NO and NO_2)
   - TSP
   - PM_{10}
   - $PM_{2.5}$
   - Selected VOCs (benzene, 1-3 Butadiene, formaldehyde, acetaldehyde and acrolein)
   - Benzo(a)pyrene – as a surrogate for PAHs

   Although the focus of these assessments has traditionally been on the 24 hour average concentrations, 1 hour and 8 hour (for CO) averages should also be considered.

4. Applicable Guidelines

   The applicable guidelines with which to compare modeled concentrations may include:
   - MOECC Ambient Air Quality Criteria (AAQCs)
   - Canadian Ambient Air Quality Standards (CAAQs)

5. Background Data

   Background data representative of the study area is generally summarized for the most recent 5 years from the nearest or most representative MOECC AQHI and/or NAPS stations so that cumulative impacts are determined at the most impacted receptor.

   This data should address 1 and 24 hour averages, 1 hour and 24 hour 90th percentile values,

and 1 hour and 24 hour maximums as appropriate. However, this will vary depending on the AAQC averaging time for each parameter, for example, the 8 hour averaging time for CO.

6. Emission Estimates

   Emission estimates are based on current and proposed future traffic counts where either MOVES or Mobile 6.2C is used to generate emission factors.

7. Traffic Data

   Traffic data including fleet distribution and characteristics, road type, traffic signals, idling conditions, or roundabouts/stop signs may be considered or incorporated into the assessment

8. Dispersion Modelling

   Dispersion modelling, typically using CAL3QHCR, is conducted to determine maximum pollutant concentrations resulting from implementation of the project and the resulting air quality impacts at the most impacted sensitive receptors for the different scenarios. At a minimum, two modelling scenarios are to be conducted to determine the incremental difference between the current conditions (base case) and future scenario. The timing of the future scenario should be defined and take into consideration projected population growth and traffic/emissions impacts.

   As necessary a new link must be defined when the road width, traffic volume, speed, alignment or type of flow changes. The CAL model is able to calculate the contribution from all of the links to each individual receptor so the impact of the entire roadway can be determined.

   The five most recent years of meteorological data should be used for dispersion modeling. However, under certain conditions, one year of continuous data may suffice. Surface data can be obtained from facilities such as Pearson International Airport, Toronto Island, Buttonville or site-specific and upper air data obtained from Buffalo, New York.

   All supporting documentation and assumptions that are inputted into the models should be summarized as Appendices. A sample electronic CAL3QHCR dispersion model input and output files must be submitted for the ministry's review.

9. Results

   The predicted results obtained from the dispersion modeling exercise are to be presented in detail in the AQIA and summarized in the ESR. This should include an analysis and discussion of the results and potential air quality impacts of the project.

   Results for each contaminant should be discussed separately and should depict predicted maximum 24 hour concentrations at key receptors, the overall maximum predicted concentrations and the combined effect concentrations by adding the 90th percentile background concentration to the modeled value. It may also be relevant to discuss receptor specific results.

10. Cumulative Impacts

    Cumulative effects that the proposed roadway expansion/construction may potentially have on the existing air quality can be readily achieved by adding the modeled results to an estimated "background" concentration for each pollutant.

Comparisons of the cumulative impacts are to be compared with the relevant guidelines. If exceedances or non-conformances are predicted, then a discussion of possible mitigation measures should be discussed. Typically these comprise of coniferous landscaping surrounding the areas of most impacted receptors.

A section on potential air quality impacts from the construction of the proposed undertaking should also be discussed in the AQIA and the ESR.

The ministry is currently preparing draft guidance documents to address cumulative effects in EAs. In the interim, please use the following federal EA resources as references for addressing cumulative effects:

- Cumulative Effects Assessment Practitioners' Guide
- Reference Guide: Addressing Cumulative Environmental Effects

11. Regional Impacts

The AQIA should include a section on regional impacts from the proposed undertaking compared with the provincial greenhouse gases totals reported by Environment Canada.

12. Summary and Mitigation Measures

The AQIA and ESR should summarize the key conclusions of the study based on the results as provided. In addition, general mitigation measures should be discussed, including those mitigation measures that will be implemented during construction to minimize off-site impacts.

For example, best management practices should be applied to mitigate any air quality impacts caused by construction dust. Please note that the ministry recommends that non-chloride dust suppressants be applied.

For a comprehensive list of fugitive dust prevention and control measures, please refer to *Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities*. Report prepared for Environment Canada. March 2005.

13. Further Guidance

For further guidance, including additional references and information such as prediction of emissions from re-entrained road dust and silt loading factors, please refer to the Ministry of Transportations' *Environmental Guide for Assessing and Mitigating the Air Quality Impacts and Greenhouse Gas Emissions of Provincial Transportation Projects* *(June, 2012).*

From: Murray, Gordon
To: Burnard, Paula
Cc: Mukhtar, Mustafa
Subject: FW: Regional Road 25 MCEA Study - Minutes and Updated SWM Report/Analysis
Date: Friday, April 12, 2019 9:15:20 AM

FYI

From: McAllister, Aurora (MECP) <Aurora.McAllister@ontario.ca>
Sent: Friday, April 12, 2019 8:59 AM
To: Jeffrey.Reid@halton.ca
Cc: Murray, Gordon <gordon.murray@stantec.com>; Matt Howatt <mhowatt@hrca.on.ca>
Subject: RE: Regional Road 25 MCEA Study - Minutes and Updated SWM Report/Analysis

Hello,

I don't have anything else to add to the Stormwater Management Report.

As you're likely aware, on April 1 the responsibility for the Endangered Species Act and species at risk has transitioned to the Ministry of Environment, Conservations and Parks (MECP). I have transferred to MECP to work on species at risk, and I am expecting to be able to keep most of my active files. You can continue to copy me on correspondence related to this project.

Regards,

AURORA McALLISTER | MANAGEMENT BIOLOGIST | ONTARIO MINISTRY of ENVIRONMENT, CONSERVATION and PARKS |
50 Bloomington Road, Aurora, Ontario, L4G 0L8 | Email: aurora.mcallister@ontario.ca

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From: Matt Howatt <mhowatt@hrca.on.ca>
Sent: April 9, 2019 4:31 PM
To: Reid, Jeffrey <Jeffrey.Reid@halton.ca>
Cc: 'Murray, Gordon' (gordon.murray@stantec.com) <gordon.murray@stantec.com>; McAllister, Aurora (MECP) <Aurora.McAllister@ontario.ca>
Subject: RE: Regional Road 25 MCEA Study - Minutes and Updated SWM Report/Analysis

Hi Jeff,

Please find CH's comments regarding the updated SWM Report attached in PDF and Word formats.

We look forward to the TAC meeting later this month and are available to discuss any questions or concerns you may have prior to that meeting.

Regards,
Matt

Matt Howatt
Coordinator, Regional Infrastructure Team

Conservation Halton
2596 Britannia Road West, Burlington, ON L7P 0G3
905.336.1158 ext. 2311 | Fax 905.336.6684 | mhowatt@hrca.on.ca
conservationhalton.ca

From: Reid, Jeffrey [mailto:Jeffrey.Reid@halton.ca]
Sent: March 8, 2019 2:05 PM
To: Matt Howatt; Aurora.McAllister@ontario.ca
Cc: Paul Bond; Tawnia Martel; Holly Anderson; Ekaterina Sapozhnikova; Larkin, Ann; bohdan.kowalyk@ontario.ca; 'april.currie@ontario.ca'; 'Murray, Gordon'; Paula.Burnard@stantec.com; 'mustafa.mukhtar@stantec.com'; 'sean.stuart@stantec.com'
Subject: Regional Road 25 MCEA Study - Minutes and Updated SWM Report/Analysis

Hi Matt/Aurora,

Halton Region would like to provide an update regarding the Regional Road 25 MCEA Study from Steeles Avenue to 5 Side Road, within the Town of Milton/Town of Halton Hills. The Project Team last met with CN/MNRF on July 25, 2018 in which we discussed the draft Stormwater Management (SWM) Report. Please find attached both the Minutes and Presentation which guided the meeting.

In addition, Halton was requested to provide the following information:

- Updated SWM Report to address CH/MNRF Comments
    - Culvert (C2) Cross-sections (Figures 11, 12 & 13)
    - Preliminary Design from Market Drive to Chisholm Drive (Figure 14)
- HEC-RAS Analysis

As the files are large (and numerous) the above information has been drop-boxed at the following link:

http://dropbox.halton.ca/en/downloadfiles.aspx?param=wSDhsM5lA5HJh0vyyfPzgYjZogeQuAleQuAl

Please review the updated SWM Report and supporting material. Let me know if you have any difficulty retrieving the information. We believe all CH/MNRF comments have been addressed, however let me know if there are any follow-up questions. From what I understand, CH/MNRF meet monthly, so we could potentially meeting on this same day (if required).

In terms of process, we anticipate hosting Technical Agency Committee (TAC) Meeting #2 in mid to late April and Public Information Centre (PIC) #2 in June. Throughout the summer the draft Environmental Study Report (ESR) will be drafted and will then be circulated to Agencies for a 6 week commenting period. The Project Team anticipates advertising the Notice of Study Completion

this Fall for a minimum 30-day public review period.

Please don’t hesitate to contact me if you would like to discuss.

The Region thanks both CH and MNRF for your continued input and support.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

Ministry of the Environment, Conservation and Parks

Central Region

5775 Yonge Street, 8th floor
North York ON M2M 4J1
Tel.: 416 326-6700
Fax.: 416 325-6345

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Région du Centre

8e étage, 5775, rue Yonge
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Téléc. : 416 325-6345

May 24, 2019

TO: **Paula Burnard, Associate, Senior Environmental Planner, Stantec**

FROM: **Trevor Bell, Regional EA Coordinator, MECP**

Subject: **Technical Support Air Quality Comments**
Regional Road 25 Transportation Corridor Improvements
Potential Air Quality Impact due to Proposed Improvements
May 15, 2019

Central Region Technical Support Section of the Ministry of the Environment, Conservation and Parks (MECP) reviewed the *Potential Air Quality Impact due to Proposed Improvements* (the AQ Report) in support to the Regional Road 25 Transportation Corridor Improvements, situated in the Town of Halton Hills. The AQ Report prepared by Stantec Consulting Ltd., dated May 15, 2019, comprised of a screening air quality assessment.

Based on our review, a screening air quality assessment for the proposed Regional Road 25 transportation Corridor Improvements is not satisfactory. Due to the following reasons, a detailed air quality impact assessment is required to assess the air quality impacts from the proposed undertaking:

1. The transportation corridor improvements consist of widening a Regional Road from 4 lanes to 6 lanes to serve primarily additional single occupancy vehicle capacity.

2. The proposed traffic increase is approximately 166% from current traffic volumes (2016). In addition, some roads of the study area serve industries and commercial business in the area, which consists of 13-18% heavy diesel trucks.

3. The closest existing residential receptors are 32-34 meters away and a critical receptor (daycare) is situated approximately 50 metres from the proposed transportation corridor improvements.

4. In addition, it is critical to inform the public, particularly existing and future sensitive receptors, what the impacts will be from the existing scenario due to the proposed undertaking.

5. Although a net benefit in air quality is expected for the future build scenario (less idling and traffic congestion) compared to the future no-build scenario as noted in the AQ report, the proposed undertaking should be compared with the existing conditions and discuss how air quality will differ from today's conditions.

The following additional comments and recommendations are offered for the proponent's consideration:

1. It is recommended to also assess impacts not only at existing sensitive receptors as listed in Table 4 of the AQ Report, but also at future sensitive receptors, if applicable.

2. The air quality impact assessment should include emissions and modelling impacts compared against the Ontario Ambient Air Quality Criteria (AAQCs) and the Canadian Ambient Air Quality Standards (CAAQs) as summarized in Table 1 of the AQ Report.

3. The background air quality data for the study area summarized in the AQ Report is acceptable.

4. Dust mitigation measures during construction should also be summarized in the detailed air quality impact assessment and any other mitigation measures that are applicable.

Thank you for this opportunity to comment. Should there be any questions or clarification needed please contact Marinha Antunes directly at marinha.antunes@ontario.ca and copy me on any correspondence.

Sincerely,

Trevor Bell, M.Env.
Regional EA Coordinator
Central Region
Ministry of the Environment, Conservation and Parks

Cc: Jeffrey Reid, Project Manager, Halton Region
Gordon Murray, Project Manager, Stantec Consulting Ltd.
Paul Martin, APEP Supervisor, MECP
Marinha Antunes, Air Quality Analyst, MECP

Ministry of Tourism, Culture and Sport

Archaeology Programs Unit
Programs and Services Branch
Culture Division
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel.: (416) 314-2120
Email: Andrea.Williams@ontario.ca

Ministère du Tourisme, de la Culture et du Sport

Unité des programmes d'archéologie
Direction des programmes et des services
Division de culture
401, rue Bay, bureau 1700
Toronto ON M7A 0A7
Tél. : (416) 314-2120
Email: Andrea.Williams@ontario.ca

Apr 3, 2018

Peter Popkin (P362)
Stantec Consulting
34 Lamb Toronto ON M4J 4M3

RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 1 Archaeological Assessment: Regional Road 25 Transportation Corridor Improvements from Steeles Avenue (Regional Road 8) to 5 Side Road. Part of Lots 1 to 5, Concessions 2 and 3, Geographic Township of Esquesing, now Town of Milton, Regional Municipality of Halton, Ontario.", Dated Dec 4, 2017, Filed with MTCS Toronto Office on Dec 13, 2017, MTCS Project Information Form Number P362-0164-2017, MTCS File Number 0007175

Dear Dr. Popkin:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18.[1] This review has been carried out in order to determine whether the licensed professional consultant archaeologist has met the terms and conditions of their licence, that the licensee assessed the property and documented archaeological resources using a process that accords with the 2011 Standards and Guidelines for Consultant Archaeologists set by the ministry, and that the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report documents the assessment of the study area as depicted in Figure 5 of the above titled report and recommends the following:

The Stage 1 archaeological assessment, involving background research and a property inspection, resulted in the determination that while a majority of the study area has been subject to extensive and deep land alterations which have removed any archaeological potential, other portions of the study area still exhibit moderate to high potential for the identification and recovery of archaeological resources. It is therefore recommended that a Stage 2 archaeological assessment be conducted on areas identified as having archaeological potential (Figure 5). These areas include:
•West corner of the intersection of Chisholm Drive and Martin Street, immediately southeast of the Highway 401 off ramp;
•Northeast side of Martin Street (the name for Rural Road 25 within the Town of Milton) straddling the railway bridge overpass; and
•Southwest side of Martin Street at Chris Hadfield Park.
Stage 2 archaeological assessment will consist of test pit survey at five metre intervals in areas

inaccessible for ploughing as outlined in Section 2.1.2 of the MTCS' 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011). The MTCS standards require that each test pit be approximately 30 centimetres in diameter, excavated to at least five centimetres in to subsoil, and have all soil screened through six-millimetre hardware cloth to facilitate the recovery of any artifacts that may be present. Prior to backfilling, each test pit will be examined for stratigraphy, cultural features, or evidence of fill.

The areas identified during the Stage 1 property inspection as having been subject to extensive and deep modern disturbances are not recommended for further assessment. Should any additional areas of disturbance or features indicating that archaeological potential has been removed, including permanently wet areas, not previously identified during the Stage 1 property inspection be encountered during the Stage 2 archaeological assessment, they will be documented as outlined in Section 2.1.8 of the MTCS' 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011).

The Ontario Ministry of Tourism, Culture and Sport is asked to review the results of this report and accept this report into the Ontario Public Register of Archaeological Reports.

Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the ministry's 2011 Standards and Guidelines for Consultant Archaeologists and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

Andrea Williams
Archaeology Review Officer

cc. Archaeology Licensing Officer
Jeffrey Reid,Regional Municipality of Halton - Infrastructure Planning and Policy
Public Works
Jeffrey Reid,Regional Municipality of Halton - Infrastructure Planning and Policy
Public Works

[1] In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

From:	Jones, Lashia
To:	Barboza, Karla (MTCS); laura.hatcher2@ontario.ca
Cc:	Smith, Frank; Rivard, Meaghan; Burnard, Paula
Subject:	Cultural Heritage Assessment Report, Regional Road 25 Transportation Corridor Improvements EA
Date:	Friday, October 05, 2018 2:04:30 PM
Attachments:	rpt_165010586_char_20171205.pdf

Good afternoon Karla and Laura,

Please find attached a copy of the Cultural Heritage Assessment Report for the Regional Road 25 Transportation Corridor Improvements for MTCS review and comment. I see from older emails in our files that Laura Hatcher was assigned to this file when we sent out initial consultation. Please let us know if that has changed and we can send the report to the up-to-date file contact.

Should you have any questions or comments on the report, please do not hesitate to contact us.

Kind regards,

Lashia

Lashia Jones, MA, CAHP
Cultural Heritage Specialist
Stantec
600-171 Queens Avenue, London ON N6A 5J7
Phone: (519) 675-6635
Cell: (226) 268-5392
Lashia.Jones@stantec.com

From: Proudfoot, Darlene (MTO)
To: Burnard, Paula
Subject: RE: Reg Rd 25 Municipal Class EA/Hwy 401 - info request
Date: Wednesday, March 28, 2018 1:07:56 PM

Thanks for the minutes, Paula. Fayyaz had given me a heads up that you may be in touch. We are preparing environmental frameworks for fisheries and terrestrial factors for the entire Hwy 401 expansion project including the Regional Road 25 interchange and can provide these to you as well in the upcoming weeks. If you have any questions, please do not hesitate to contact me.

Thanks

Darlene E. Proudfoot
Senior Environmental Planner
Ministry of Transportation
159 Sir William Hearst Avenue
7th floor, Major Projects Office
Toronto, ON M3M 0B7
Darlene.proudfoot@ontario.ca

From: Burnard, Paula [mailto:Paula.Burnard@stantec.com]
Sent: March-23-18 3:44 PM
To: Proudfoot, Darlene (MTO)
Subject: Reg Rd 25 Municipal Class EA/Hwy 401 - info request

Hi Darlene,
I'm working with Halton Region on a Municipal Class EA for the widening of Regional Road 25. Our project study area includes Steeles Ave to just north of 5 Side Road, Town of Milton. We met with Fayyez Siddiqui and Miao Zhou to provide an update on our project and coordinate the works happening at the Hwy 401 interchange. The minutes from our meeting with MTO are attached that include the overview presentation. Fayyez suggested I contact you to obtain environmental information relating to the work underway in the area of the interchange (e.g., culvert C4, existing drainage reports, watercourse impacts, terrestrial). Any information you may have on hand would be appreciated.

Thank you!
Paula

Paula Burnard, MScPl, MCIP, RPP
Senior Environmental Planner
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
paula.burnard@stantec.com

Vanhell, Shane

From: Reid, Jeffrey <Jeffrey.Reid@halton.ca>
Sent: Tuesday, February 27, 2018 11:14 AM
To: Burnard, Paula
Subject: RE: IO EA Notice - Regional Road 25 Transportation Corridor Improvements Steeles Avenue to 5 Sideroad

Thanks Paula – I believe you are correct.

Jeff

From: Burnard, Paula [mailto:Paula.Burnard@stantec.com]
Sent: Tuesday, February 27, 2018 11:13 AM
To: Reid, Jeffrey
Subject: RE: IO EA Notice - Regional Road 25 Transportation Corridor Improvements Steeles Avenue to 5 Sideroad

Yes, I can do that. I don't believe we have any IO lands in our study area however.

Paula Burnard, MScPl, MCIP, RPP
Senior Environmental Planner
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
paula.burnard@stantec.com

From: Reid, Jeffrey [mailto:Jeffrey.Reid@halton.ca]
Sent: Tuesday, February 27, 2018 11:06 AM
To: Burnard, Paula <Paula.Burnard@stantec.com>
Cc: Murray, Gordon <gordon.murray@stantec.com>
Subject: FW: IO EA Notice - Regional Road 25 Transportation Corridor Improvements Steeles Avenue to 5 Sideroad

Hi Paula – can you please prepare a draft response to IO and add Tate Kelley to the mailing list.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

From: Eichenberger, Nicholle (IO) [mailto:Nicholle.Eichenberger@infrastructureontario.ca]
Sent: Tuesday, February 27, 2018 9:43 AM
To: Reid, Jeffrey; gordon.murray@stantec.com
Subject: IO EA Notice - Regional Road 25 Transportation Corridor Improvements Steeles Avenue to 5 Sideroad

Hello,

Please review attached on behalf of Alex Lye.

Tate Kelly (tate.kelly@infrastructureontario.ca) from the IO planning group has asked to be added to your mailing list for this project as there are two properties along Regional Road 25 that may be impacted. Thank you.

Sincerely,

Nicholle Eichenberger
Environmental Management Co-op
Infrastructure Ontario
1 Dundas Street West, Suite 2000, 22nd Floor, 22-051
Toronto, ON M5G 2L5
E-mail: nicholle.eichenberger@infrastructureontario.ca
Phone: 416-212-6975

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February 27, 2018

Response to EA Notice

Thank you for providing Infrastructure Ontario (IO) with a copy of your Environmental Assessment Notice. From the information you have provided, it is unclear if you are proposing to use lands under the control of the Ministry of Infrastructure (MOI lands) to support your proposed project.

Potential Negative Impacts to IO Tenants and Lands

Negative environmental impacts associated with the project design and construction, such as the potential for dewatering, dust noise and vibration impacts, impacts to natural heritage features/habitat and functions etc. should be avoided and/or appropriately mitigated in accordance with applicable regulations and best practices in accordance with the Ministry of Natural Resources and Forestry (MNRF) and the Ministry of the Environment and Climate Change (MOECC) standards. Avoidance and mitigation options that characterize baseline conditions and quantify the potential impacts should be present as part of the project file. Details of appropriate mitigation, contingency plans and triggers for implementing contingency plans should also be present.

Land Holdings

Prior to MOI consenting to the use of MOI lands, the applicable environmental assessment, duty to consult Indigenous peoples (if triggered) and heritage obligations will need to be met. In order for MOI to allow you access to MOI lands and to carry out proposed activities, MOI must ensure that provincial requirements and due diligence obligations are satisfied. These requirements are in addition to any such obligations you as the proponent of the project may have.

You as the proponent of the project will be required to work with Infrastructure Ontario (IO) to fulfill MOI's obligations. All costs associated with meeting MOI's obligations will be the responsibility of the proponent. Please note that time should be allocated in your project timelines for MOI to ensure that its obligations have been met and to secure any internal government approvals required to allow for the use of the MOI lands for your proposed project.

In order for MOI and IO to assist you to meet your required project timelines, please recognize that early, direct contact with IO is imperative. The due diligence required prior to the use of MOI lands for your proposed project, may include but may not be limited to the following:

- Procedural aspects of the Provincial Crown's Indigenous Duty to Consult obligations – *see Instruction Note 1*
- Requirements of the MOI Public Work Class Environmental Assessment – *see Instruction*

Note 2

- Requirements of the Ministry of Tourism Culture and Sport (MTCS) Standards and Guidelines for Consultant Archaeologists– *see Instruction Note 3*
- Requirements of the MTCS Standards and Guidelines for the Conservation of Provincial Heritage Properties Consultant Archaeologists – *see Instruction Note 4*

Representatives from IO are available to discuss your proposed project, the potential need for MOI lands and the corresponding provincial requirements and due diligence obligations.

Please review the attached instruction notes which provide greater detail on the due diligence obligations associated with the use of MOI lands for your proposed project. We are providing this information to allow you as the proponent to allocate adequate time and funding into your project schedule and budgets. If your project requires you to study MOI lands, then an agreement is required and all studies undertaken on MOI lands will be considered confidential until approval is received. IO will require electronic copies of all required studies on MOI lands that you undertake.

We strongly encourage you to work with IO as early as possible in your process to identify if any MOI lands would be required for your proposed project. Please note that on title MOI control may be identified under the name of MOI or one of its predecessor ministries or agencies which may include but is not limited to variations of the following: Her Majesty the Queen/King, Hydro One, MBS, MEI, MEDEI, MGS, MOI, OLC, ORC, PIR or Ministry of Public Works[1].

Please provide Rita Kelly with a confirmation in writing of any MOI lands that you propose to use for your proposed project and why the lands are required along with a copy of a title search for the MOI lands.

For more information concerning the identification of MOI lands in your study area or the process for acquiring access to or an interest in MOI lands, please contact:

Rita Kelly
Project Manager
Land Transactions, Hydro Corridors & Public Works
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON
M5G 2L5
Tel: (416) 212-4934
Email: rita.kelly@infrastructureontario.ca

[1] MBS - Management Board Secretariat; MEI - Ministry of Energy and Infrastructure; MEDEI – Ministry of Economic Development, Employment and Infrastructure; MGS - Ministry of Government Services; MOI - Ministry of Infrastructure; OLC - Ontario Lands Corporation; ORC - Ontario Realty Corporation; PIR - Ministry of Public Infrastructure Renewal

An application package and requirements checklist is attached for your reference. Please note that transfer of an interest in MOI lands to a proponent can take up to one year and there is no certainty that approval will be obtained.

For more information concerning the MOI Public Work Class Environmental Assessment process and due diligence requirements, please contact:

Alex Lye
Environmental Specialist
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON
M5G 2L5
Tel: (416) 326-0483
Email: alex.lye@infrastructureontario.ca

If MOI lands are not to be impacted by the proposed project, please provide a confirmation in writing to Infrastructure Ontario.

Thank you for the opportunity to provide initial comments on your proposed project.

Sincerely,

Patrick Grace
Director
Land Transactions, Hydro Corridors & Public Works
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON, M5G 2L5

Ontario
Infrastructure Ontario

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INSTRUCTION NOTE 1

Provincial Crown's Indigenous Duty to Consult obligations

The Crown has a constitutional Duty to Consult (DTC) in certain circumstances and Indigenous consultation may be required prior to MOI granting access to MOI lands or undertaking other activities. The requirement for Indigenous consultation may be triggered given Indigenous or treaty rights, established consultation or notification protocols, government policy and/or program decisions, archaeological potential or results, and/or cultural heritage consultation obligations. The requirement for Indigenous consultation will be assessed by MOI.

Prior to the use of MOI lands, MOI must first meet any duty to consult obligations that may be triggered by the proposed use of MOI lands. It is incumbent on you to consult with IO as early in the process as possible once you have confirmed that MOI lands would be involved.

MOI will evaluate the potential impact of your proposed project on Indigenous and treaty rights. MOI may assess that the Crown's Duty to Consult (DTC) requires consultation of Indigenous communities. Proponents should discuss with IO whether MOI will require consultation to occur and if so, which communities should be consulted.

Where MOI determines that Indigenous consultation is required, MOI will formally ask you to consult or continue to consult with Indigenous peoples at the direction of MOI.

On behalf of MOI you will also be required to:

1. Maintain a record and document all notices and engagement activities, including telephone calls and/or meetings;
2. Provide the Ministry updates on these activities as requested; and
3. Notify the Ministry of any issues raised by Indigenous communities.

If consultation has already occurred, IO strongly encourages you to provide complete Indigenous consultation documentation to IO as soon as possible. This documentation should include all notices and engagement activities, including telephone calls and/or meetings.

Any duty to consult obligations must be met prior to IO completing their Class Environmental Assessments (EA) for realty rights and activities.

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INSTRUCTION NOTE 2

Requirements of the MOI Public Work Class Environmental Assessment

MOI has an approved Class EA (the Ministry of Infrastructure Public Work Class Environmental Assessment (Public Work Class EA) to assess undertakings that affect MOI lands including disposing of an interest in land or site development. Details on the Public Work Class EA can be found at:
http://www.infrastructureontario.ca/Public-Work-Class-Environmental-Assessment/

You may be required to work with IO to complete an environmental assessment under the Public Work Class EA for the undertakings related to MOI lands. This may include the completion of IO's Consultation and Documentation Report and publicly posting on the IO website for 30 days. IO Environmental Management will provide direction and guidance on how to complete the MOI Class EA process.

The MOI Class EA process **must be completed as a separate process** from the proponent's EA process. Studies and consultation may be undertaken during the proponent's EA process but the MOI Class EA process must be completed and undertaken separately.

Examples of studies that can be undertaken during a proponents Class EA process and use for MOI's Class EA process include:

- Phase One Environmental Site Assessment and follow up
- Stage 1 Archaeological Assessment and follow up
- Survey
- Title Search
- Natural Heritage / Species at Risk Survey(s)

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INSTRUCTION NOTE 3 – ARCHAEOLOGY - (see also *Instruction Note on Duty to Consult*)

Archaeological sites are recognized and protected under the *Ontario Heritage Act*. Carrying out archaeological fieldwork is a licensed, regulated activity under the 2011 Ministry of Culture Standards and Guidelines for Consulting Archaeologists.

Archaeological due diligence is required for any proposed project on MOI land that could cause significant below ground disturbance such as, new building construction, installation/modification of site services, and installation/maintenance of new pipelines or transmission lines.

You, as the proponent, must engage IO prior to undertaking any archaeological work on MOI lands.

IO has three in-house licensed archaeologists who should be consulted early in the preparatory stages of a proposed project when geographic and site locations are being considered so that the potential for archaeological resources including historic and Indigenous material (ion Indigenous villages and burials sites) can be assessed.

To support both the Public Work Class EA and MOI's duty to consult analysis, archaeological assessments are required to determine if there are any significant findings that may be of cultural value or interest to Indigenous people (e.g., archaeological or burial sites).

Archaeological work can begin before the assessment under the Public Works Class EA begins but the Class EA cannot be completed until the duty to consult that may be triggered regarding archaeological resources are fulfilled.

Depending upon the number or significance of resources found, the duty to consult may be triggered during any of the 4 phases of archaeological work (see below) or anytime during project construction.

The discovery of Indigenous resources can impact on activities, including project and site plans, timelines and all costs. As the proponent, you are expected to ensure that you project timelines include adequate time and resources to address MOI due diligence obligations, including internal government approvals. All costs associated with meeting MOI's archaeological obligations will be the responsibility of the proponent.

For Archaeological Assessments (Stages 1 through 4), proponents must adhere to the four stage archaeological fieldwork process prescribed by the Ontario Ministry of Tourism, Culture and Sport (MTCS) as per the 2011 Standards and Guidelines for Consultant Archeologists. Not all noted Stages will be necessary for all work. Respondents must follow industry procedures and practices as per the MTCS Standards and Guidelines for Consultant Archeologists 2011 for each Stage of archaeological assessment, all reporting criteria and formatting, and any other license

requirements and/or obligations.

- Stage 1 Background Study - Evaluation of Archaeological Potential
  - Archival research and non-intrusive site visit

- Stage 2 Property Assessment
  - In-field systematic pedestrian survey or test pitting and reporting
  -
- Stage 3 Site-specific Assessment
  - Limited excavation to determine site significance and size
  - Field works and reporting

- Stage 4 Site mitigation
  - Through either avoidance/protection or excavation Field work 4 to 8 weeks
  - Develop summary report
  - MTCS review – expedited review of summary report 6 weeks
  - Final report
  - Time to develop and implement mitigation measures – negotiation, legal protections, avoidance

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INSTRUCTION NOTE 4 – HERITAGE REQUIREMENTS

Built Heritage/Cultural Landscapes

Built heritage/cultural landscapes (cultural heritage) are recognized and protected under the Ontario Heritage Act, the regulations to that Act and the 2010 Ministry of Culture Standards and Guidelines for Conservation of Provincial Heritage Properties (S&Gs) Criteria for determining cultural heritage value or interest are set out in O. Reg. 9/06 and 10/06. The S&Gs set out a process for identifying properties of cultural heritage value, and the standards for protection, maintenance, use and disposal of these properties.

Cultural heritage due diligence will be required for any proposed project on MOI land with the potential to impact cultural heritage resources, such as new building construction, installation/modification of site services, landscape modifications and installation/maintenance of new pipelines, transmission lines.

To support MOI's heritage and MOI PW Class EA obligations, proponents will be required to undertake cultural heritage assessments for all projects that require MOI lands. This will help to determine if the MOI lands are of cultural value or interest to the Province and the level of heritage significance. Where a property has heritage value, proponents may be required to develop appropriate conservation measures/plans and heritage management plans.

You, as the proponent, are strongly encouraged engage IO heritage staff as early in your project planning process as possible and in advance of beginning any cultural heritage assessment work. IO staff will be able to provide advice on the S&Gs and will provide any available heritage information for the MOI lands.

Proponents must also follow industry procedures and practices for all components of cultural heritage assessment work, all reporting criteria and formatting, and any other requirements and/or obligations. IO heritage staff can help identify any required reports.

Should MOI lands be identified under the S&Gs as a Provincial Heritage Property (local significance) or a Provincial Heritage Property of Provincial Significance, IO must be engaged to determine next steps.

Please note that if a Provincial Heritage Property of Provincial Significance is to be impacted, it is likely that consent from the Minister, Ontario Minister, Tourism, Culture and Sport (MTCS) will be required prior to access being granted to MOI lands. Minister's consent requires a detailed application and approvals should land dispositions or building demolitions be applied for as part of the proposed project.

As the proponent, you are expected to ensure that your project timelines include adequate time

and resources to address MOI's heritage due diligence obligations, including internal government approvals. All costs associated with meeting MOI's heritage obligations are the responsibility of the proponent.

From:	Reid, Jeffrey
To:	"rita.kelly@infrastructureontario.ca"; "paul.kesner@ontario.ca"
Cc:	Murray, Gordon; Burnard, Paula; Larkin, Ann
Subject:	Regional Road 25 MCEA Study - Meeting with IO/Maplehurst Correctional Complex
Date:	Tuesday, March 19, 2019 1:14:33 PM
Attachments:	RR25 Study Area Map (Final).pdf

Hi Rita/Paul,

As a follow-up to my voice messages, Halton Region is currently undertaking the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study between Steeles Avenue (Regional Road 8) and 5 Side Road, within the Town of Milton/Town of Halton Hills. Study area map attached.

Previously, the Project Team hosted Technical Agency Committee (TAC) Meeting #1 and Public Information Centre (PIC) #1 in which we presented the problem being addressed, background information and planning alternatives being considered.

The study has now progressed and as a direct stakeholder, the Project Team would like to meet with you in advance of TAC Meeting #2 to present the preliminary preferred alternative for the widening of Regional Road 25 from 4 to 6 lanes.

In terms of timelines, TAC Meeting #2 is anticipated at the end of April with PIC #2 in mid-June.

Therefore, can you please confirm your availability on the following dates/times:

- **Monday, April 8 – afternoon**
- **Wednesday, April 10 – morning**

The Region is more than happy to host this meeting (1151 Bronte Road, Oakville) or if more convenient, come to your place of work.

Looking forward to your response.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

From:	Moura, David
To:	Burnard, Paula; Ostrowka, Cory (IO)
Cc:	Murray, Gordon; Reid, Jeffrey; Larkin, Ann; Fialho, Melissa
Subject:	RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst
Date:	Thursday, July 04, 2019 3:13:39 PM
Attachments:	Regional Road 25 - Preliminary Design .pdf

Hi Cory,

Please find attached the Regional Road 25 Preliminary Design Roll Plan. Please let me know if you have any issues opening this file.

Thanks

David Moura
Design Technologist, Transportation

Direct: 519 585-7116
David.Moura@stantec.com

Stantec
100-300 Hagey Boulevard
Waterloo ON N2L 0A4

From: Burnard, Paula <Paula.Burnard@stantec.com>
Sent: Thursday, July 4, 2019 2:08 PM
To: Ostrowka, Cory (IO) <Cory.Ostrowka@infrastructureontario.ca>
Cc: Moura, David <David.Moura@stantec.com>; Murray, Gordon <gordon.murray@stantec.com>; Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Larkin, Ann <Ann.Larkin@halton.ca>; Fialho, Melissa <Melissa.Fialho@halton.ca>
Subject: RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Hi Cory
Thank you for letting me know for sure about the exemption. We are drafting the ESR over the summer. David Moura will provide you with the preliminary design shortly so you are able to see the improvements proposed along the Maplehurst property.

A Stage 1 Archaeological Assessment was completed (draft report attached) and a Stage 2 will be required along the Maplehurst property (green shaded area shown below) during detailed design. This is a commitment to be included in the ESR.

Please let me know if you require any further information. I will be on vacation until July 25th but I have cc'd members of our project team if you need anything while I'm away.

Thank you
Paula

Paula Burnard, MScPl, MCIP, RPP
Associate, Senior Environmental Planner
Environmental Team Lead - Transportation
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
Mobile: 226-926-6682
paula.burnard@stantec.com

From: Ostrowka, Cory (IO) <Cory.Ostrowka@infrastructureontario.ca>
Sent: Wednesday, July 03, 2019 9:34 AM
To: Burnard, Paula <Paula.Burnard@stantec.com>
Subject: RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Hi Paula,

This undertaking is now exempt from the MOI Public Work Class EA. Now we will just review what you have completed through the municipal class EA instead. What stage are you at with that EA? Are there any maps showing the IO related lands? We may still have archaeology and DTC requirements.

Cory Ostrowka, P. Eng.
Environmental Specialist
Infrastructure Ontario
Realty and Portfolio Planning - Environmental Management

Email: cory.ostrowka@infrastructureontario.ca
Office: 647-264-3331
Mobile: 416-571-8294

From: Burnard, Paula [mailto:Paula.Burnard@stantec.com]
Sent: Thursday, May 09, 2019 2:23 PM
To: Ostrowka, Cory (IO) <Cory.Ostrowka@infrastructureontario.ca>
Subject: RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Hi Cory
Thank you for providing the link to the EAA amendment. It looks like this could be effective no later than July 1, 2019. Is that correct?
Thanks
Paula

Paula Burnard, MScPl, MCIP, RPP
Associate, Senior Environmental Planner
Environmental Team Lead - Transportation
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
Mobile: 226-926-6682
paula.burnard@stantec.com

From: Ostrowka, Cory (IO) <Cory.Ostrowka@infrastructureontario.ca>
Sent: Thursday, May 09, 2019 1:38 PM
To: Burnard, Paula <Paula.Burnard@stantec.com>
Subject: RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Hi Paula,

Streamlining the MOI Class EA process is no longer an applicable practice and has been discontinued since 2017. However, when undertaking studies and consultation for IO managed lands, during the proponent's Class EA process, shared studies can be used to support the separately completed MOI Class EA.

Are you aware of the proposed EAA amendments? Depending on your project schedule, it may make sense to hold off on commencing the EA for a few months to see where these proposed amendments go and then an MOI Class EA may not be required.

Proposed Amendments to General Regulation 334 under the Environmental Assessment Act to Support the Efficient Disposal of Government Property
https://www.ontariocanada.com/registry/view.do?postingId=28927&language=en

I'm happy to discuss and answer any further questions you may have.

Thanks,

Cory Ostrowka, P. Eng.
Environmental Specialist
Infrastructure Ontario
Realty and Portfolio Planning - Environmental Management

✉Email: cory.ostrowka@infrastructureontario.ca
☏Office: 647-264-3331
☏Mobile: 416-571-8294

From: Burnard, Paula [mailto:Paula.Burnard@stantec.com]
Sent: Thursday, May 09, 2019 12:42 PM
To: Ostrowka, Cory (IO) <Cory.Ostrowka@infrastructureontario.ca>
Subject: RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Hi Cory
We've worked together on a recent IO EA for the VMP extension in London. The Region of Halton has typically addressed IO requirements through the ESR produced as part of the municipal class EA process. See attached wording… could you confirm if you will accept this approach for the Regional Road 25 corridor?
Thank you
Paula

Paula Burnard, MScPl, MCIP, RPP
Associate, Senior Environmental Planner
Environmental Team Lead - Transportation
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
Mobile: 226-926-6682
paula.burnard@stantec.com

From: Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>
Sent: Thursday, May 09, 2019 12:35 PM
To: Burnard, Paula <Paula.Burnard@stantec.com>
Cc: Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>; Ostrowka, Cory (IO) <Cory.Ostrowka@infrastructureontario.ca>
Subject: RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Please contact Cory Ostrowka copied above

From: Burnard, Paula [mailto:Paula.Burnard@stantec.com]
Sent: Thursday, May 09, 2019 12:20 PM

To: Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>
Cc: Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>
Subject: RE: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Hi Rita,
We would like to follow up with you regarding one of the action items in the attached minutes from our meeting with IO/Maplehurst in early April. Specifically, we want to confirm with IO's EA Coordinator for this file, that we can satisfy IO's Class EA requirements directly in the Environmental Study Report (ESR) being prepared as part of the Municipal Class EA study process. The Region has done this is the past. An example of wording used in a previous ESR is attached for reference. Are you able to provide the name/contact information of the coordinator assigned to this file, or confirm that this approach is acceptable to IO?
Thank you,
Paula

Paula Burnard, MScPl, MCIP, RPP
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Environmental Team Lead - Transportation
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From: Burnard, Paula
Sent: Thursday, April 18, 2019 9:06 AM
To: Paul.Kesner@ontario.ca; Grace, Patrick (IO) <Patrick.Grace@infrastructureontario.ca>; Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>
Cc: Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Larkin, Ann <Ann.Larkin@halton.ca>; Green-Battiston, Melissa <Melissa.Green-Battiston@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>; David Moura (David.Moura@stantec.com) <David.Moura@stantec.com>; Fialho, Melissa <Melissa.Fialho@halton.ca>
Subject: Reg Rd 25 MCEA - Minutes from Meeting with IO/Maplehurst

Good morning,
Thank you again for meeting with us last week to discuss the Regional Road 25 Improvements Municipal Class Environmental Assessment study. Attached are minutes from our meeting with a number of action items to be addressed, as well as the presentation slides and a partial plan for the IO lands located at 655 & 661 Regional Road 25.

Please let us know if you have any questions or comments.

Thank you,
Paula

Paula Burnard, MScPl, MCIP, RPP
Associate, Senior Environmental Planner
Environmental Team Lead - Transportation
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From:	Reid, Jeffrey
To:	Murray, Gordon; Burnard, Paula
Cc:	Larkin, Ann
Subject:	FW: Regional Road 25 MCEA Study - Meeting
Date:	Tuesday, December 05, 2017 2:44:53 PM
Attachments:	RR 25 MCEA - Notice of Study Commencement (Final).pdf

FYI – email sent to Milton with potential meeting dates.
Thanks,
Jeff

From: Reid, Jeffrey
Sent: Tuesday, December 05, 2017 2:40 PM
To: john.brophy@milton.ca; heide.schlegl@milton.ca
Subject: Regional Road 25 MCEA Study - Meeting

Hi John/Heide,

Hope you are doing well.

I wanted to touch-base regarding the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study (Steeles Avenue to 5 Side Road), within the Town of Milton/Town of Halton Hills. The Region's Project Team is aiming for a Public Information Centre (PIC) #1 at the beginning of March 2018. In advance of the PIC we would like to meet with the Town of Milton to review the following:

- Study Area
- Background
- Existing Conditions (i.e. Transportation, Natural Environment, Social-Economic, etc.)
- Problem/Opportunity
- Evaluation Criteria

While previously sent, attached is the Notice of Study Commencement to refresh your memory.

Below are some dates/times the Region and Consultant (Stantec) are available:

- Monday, January 29 from 1pm-3:30pm
- Tuesday, January 30 from 9am-12pm or 1pm-3pm
- Wednesday, January 31 from 9am-12pm or 1pm-3pm
- Thursday, February 1 from 9am-12pm or 1pm-3pm
- Friday, February 2 from 9am-12pm
- Monday, February 5 from 9am-12pm or 1pm-3pm
- Wednesday, February 7 from 9am-12pm or 1pm-3pm
- Thursday, February 8 from 9am-12pm or 1pm-3pm

Can you please confirm the Town's availability.

If more convenient, we can meet at the Town of Milton Office.

I'm available if you would like to discuss. Looking forward to again work with you.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

Vanhell, Shane

From: Burnard, Paula
Sent: Thursday, April 27, 2017 11:33 AM
To: Johnson, Roy; Chandler, Trevor; Spisani, Sean; Stuart, Sean; Amirault, Heather
Subject: FW: Reg. Rd. 25 Transpo Corridor Improvements from Steeles Ave to 5 Side Road Municipal Class EA - Information Request
Attachments: Study Area.png

FYI – the info request went to Conservation Halton today.
Thanks!
Paula

Paula (Neto) Burnard, MScPl, MCIP, RPP
Senior Environmental Planner
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
paula.burnard@stantec.com

From: Burnard, Paula
Sent: Thursday, April 27, 2017 10:54 AM
To: 'pbond@hrca.on.ca' <pbond@hrca.on.ca>
Cc: 'Reid, Jeffrey' <Jeffrey.Reid@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>
Subject: Reg. Rd. 25 Transpo Corridor Improvements from Steeles Ave to 5 Side Road Municipal Class EA - Information Request

Hi Paul,
Halton Region retained Stantec to complete a Municipal Class Environmental Assessment (Class EA) study to consider options for transportation corridor improvements on Regional Road 25, from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton (key plan attached). I am the environmental planner/assistant project manager for the project. A formal Notice of Commencement will be circulated in the near future; in the meantime, we are gathering data required for the existing conditions review and study area profile. The following is a list of items we would like to request from Conservation Halton:

- Thermal classifications for watercourses and the appropriate in-water construction timing windows
- ELC, natural areas and features, rare species records, watercourse data and fish records
- SAR and provincially rare species information (we'll be contacting MNRF as well)
- Digital copies of any hydraulic modeling (HEC-RAS) for the tributary to Sixteen Mile Creek south of Chrisholm Drive (identified as Culvert 10879610 (CU01) and Culvert 10879610 (CU02)), and any hydrology reports relevant to the flows in that model
- Archival aerial imagery (pre 2004)
- Reporting related to fluvial investigations or design of instream construction works, located upstream of RR25. Sections of the channel were altered (natural channel design) about 15 or so years ago.

If there is anything else applicable to the study area that you think would be useful, please include.

Please let me know if you have any questions or comments.

Thank you and regards,
Paula

Paula (Neto) Burnard, MScPl, MCIP, RPP
Senior Environmental Planner
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
paula.burnard@stantec.com

From:	Burnard, Paula
To:	"pbond@hrca.on.ca"; "bohdan.kowalyk@ontario.ca"
Cc:	"Reid, Jeffrey"; Larkin, Ann; Murray, Gordon
Subject:	Reg Rd 25 MCEA - CH/MNRF Minutes & Natural Heritage Report
Date:	Tuesday, February 27, 2018 9:09:00 AM
Attachments:	rpt_165010586_Natural_Heritage_20180227.pdf EA_Checklist_responses_discussion_01232018_revised.pdf RR_25_CH_mtg#2_Jan. 23 2018_minutes.pdf RR_25_CH_mtg#1_July 12 2017_revised.pdf

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Good morning Paul/Bohdan,

Please see the following documents for your records and review:

- CH Meeting #1 (July 12, 2017) – revised minutes
- CH/MNRF Meeting #2 (January 23, 2018) – draft minutes with presentation
- CH EA Checklist with responses attached
- Natural Heritage Report – draft for review

The draft drainage report will follow when available for review.

Please forward these documents onto members of your team as required and feel free to contact me if you have any questions.

Thank you,
Paula

Paula Burnard, MScPl, MCIP, RPP
Senior Environmental Planner
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
paula.burnard@stantec.com

Environmental Assessment Checklist

The following list identifies the areas of interest or concern that Conservation Halton may have with the subject EA:

Regional Road 25 Corridor Improvements – Steeles Ave. to 5 Side Road, Milton/Halton Hills
PR-3130A CH File MPR 708

Conservation Halton Comment		Project Team Response
Ontario Regulation 162/06		
☒	The study area contains tributaries and channels of Sixteen Mile Creek. Conservation Halton regulates the erosion hazards, flooding hazards and associated allowance within 15m associated with this feature. Ontario Regulation 162/06 requires that a Permit be obtained from Conservation Halton prior to development, interference with wetlands or alterations to shorelines and watercourses. A copy of Ontario Regulation 162/06 and the associated Policy document, *Policies and Guidelines for the Administration of Ontario Regulation 162/06 and Land Use Planning Policy Document* can be found at www.conservationhalton.ca. Please ensure that the EA contains sufficient information to allow Conservation Halton staff to determine whether a Permit could be issued at detailed design.	Noted – the ESR will contain sufficient information to allow Conservation Halton staff to determine whether a permit could be issued at detailed design. The preliminary design plan will include Conservation Halton's regulation limits.
☒	The EA should identify areas where Permits pursuant to Ontario Regulation 162/06 will be required and include such Permits as future commitments in the ESR. Some details related to future Permits may not be deferred to detailed design. Please review the requirements of Policy 3.51 (Public Infrastructure – Utilities, Trails and Transportation) of Conservation Halton's *Policies and Guidelines for the Administration of Ontario Regulation 162/06 and Land Use Planning Policy Document* (see enclosed).	Noted – the ESR will identify areas where permits pursuant to Ontario Regulation 162/06 will be required and include such permits as future commitments. All commitments in the ESR will be summarized as a separate section in the ESR, and/or referred to in the executive summary.

☒	Please survey all drainage features, watercourse ditch lines, culverts, etc.	A topographic survey of the study corridor and adjacent area has been undertaken by the Region as part of this study. A more detailed survey will be undertaken during detailed design.
☒	Please plot all areas regulated by Conservation Halton on drawings. ARL mapping may be utilized if more detailed study is not required at this time, however, please ensure that drawings indicate that limits shown are an approximation of the regulated area. Staff has enclosed Approximate Regulation Limit (ARL) mapping for your information.	Noted – the project team will incorporate Conservation Halton regulation limits in project maps of the study area, where applicable. The preliminary design plan will include Conservation Halton's regulation limits.
☒	A Data Request Form is required for all digital information requests. This form and additional information on data holdings can be found in the "GIS & Mapping" section of Conservation Halton's website: www.conservationhalton.ca. Staff notes that the following modeling is available for the study area: • ***Hydraulic models are available for Culverts 4 and 2***	Noted. A Data Request Form was submitted to CH and data has been obtained by the project team.
☒	It is recommended that 'potential impacts to natural hazards' (flooding and/or erosion hazards) should be one of the evaluation criteria. At a minimum, a proposed alternative must have no negative impacts on flooding and erosion hazards in order for Conservation Halton to issue a future approval under Ontario Regulation 162/06. Opportunities to improve any deficiencies with respect to flooding and erosion should be investigated.	Noted – a criterion for Natural Hazards with the suggested indicators will be included in the evaluation. It is our understanding that minor negative impacts on flooding can be tolerated with the landowner's permission.
☒	The EA should assess all flood plain impacts associated with each alternative including consideration of any change in storage, velocity and up and down stream water levels for a variety of flow conditions.	Flood plain impacts will be assessed where the preferred design causes a change to the flood lines/elevations.
☒	A hydrologic and/or hydraulic analysis *may be required* in the Environmental Study Report. Hydraulic analyses may be required for culvert modifications and any flood plain grading. A hydraulic analysis will be needed for the CNR	Noted. Calculations will be included in the stormwater management report where there are significant changes as a result of the preferred design.

	crossing to assess possible improvements to remove the backwater caused by the CNR (that floods the Maplehurst Correctional Facility).	
☒	Please consider MTO's flooding criteria, guidelines and/or the municipal engineering standards for flooding along/over roads. At a minimum, safe access & egress as defined in the MNR's 2002 *Technical Guide: River & Stream Systems – Flooding Hazard Limit*, should be provided.	Noted.
☒	If a roadway is considered by the Province or local municipality to be an Emergency Route then there should be no overtopping of the road with flood waters.	Regional Road 25 is an Emergency Detour Route. The Region will not allow overtopping of the road with flood waters under Regional Storm conditions.
☒	A fluvial geomorphological assessment is required to verify that crossing designs have adequately allowed for natural channel migration, fish/terrestrial passage, and sediment transport, as well as minimizes the risk to infrastructure. A fluvial geomorphic assessment will be needed as part of any modifications to channels, culverts or flood plain/overbank areas.	The project team will complete a geomorphic assessment for this project where significant changes to the stream are required. It should be noted that it is our intention to avoid such changes to the existing watercourses.
☒	A topographic survey is required to identify the lands impacted by the flooding hazard associated with Sixteen Mile Creek upstream of the CNR tracks.	We suggest that a topographic survey would only be necessary if significant changes were anticipated to existing flood lines/elevations.
☒	Other: The flood impacts to the Maplehurst Correctional Facility should be considered in the hydraulic assessment of the CNR crossing. Staff strongly encourage the Region to explore the possibility of increasing the hydraulic capacity of the CNR culvert, in partnership with the CNR, to reduce extent of flooding of the facility under Regional Storm conditions. The installation of new or additional culverts under the CNR tracks is particularly feasible should a temporary diversion track be considered to increase the span of the RR25 bridge.	The Region will discuss this possibility with CN, as owners of the culvert, however, the culvert and watercourse are on privately held lands and outside of Region jurisdiction/control.
Natural Heritage		

While Conservation Halton recognizes that Environmental Assessments are not subject to and/or limited to the policies outlined in the Provincial Policy Statement (PPS), we do believe that the PPS provides Provincial direction on how natural resources should be managed in Ontario. Furthermore, it is useful for identifying some of the key natural heritage features, water resources, and natural hazards that should be considered when evaluating any sort of development proposal. As such, some PPS related items have been outlined below, as we believe these items should be acknowledged and addressed as part of the EA study.		
☒	When undertaking any fieldwork and/or when making recommendations related to natural heritage and/or natural hazards, staff recommend that reference be made to the following guidelines prepared by the Ministry of Natural Resources and Forestry (MNRF): *Natural Heritage Reference Manual for Natural Heritage Policies of the Provincial Policy Statement, 2005, 2nd Edition, 2010*; *Significant Wildlife Habitat Technical Guideline*; and, *Natural Hazards Technical Guide* and *Understanding Natural Hazards*.	The project team met with Conservation Halton to discuss the scope of work for the environmental assessment. The study has been undertaken in accordance with the outcome of that meeting and with Conservation Halton's *Guidelines for Ecological Studies*, March 2017. Single season habitat assessments to confirm existing background information and identify natural features were completed. Aquatic habitat surveys in summer 2017 confirmed existing conditions at the three creek crossings. Fish community sampling was not completed given the availability of data from CH and MNRF.
☒	The study area may contain or pass between natural features. As per Policy 2.1.2 of the Provincial Policy Statement, the diversity and connectivity of natural features in an area, and the long-term ecological function and biodiversity of natural heritage systems, should be maintained, restored or, where possible, improved, recognizing linkages between and among natural heritage features and areas, surface water features and groundwater features. Where applicable, the use of ecopassages or other measures to facilitate wildlife movement should be evaluated.	Noted. The consideration of wildlife passages will be included in the commitments section of the ESR. Wildlife passages are to be explored during detailed design.
☒	The study area may contain the habitat of Endangered or Threatened species. As per Policy 2.1.7 of the Provincial Policy Statement,	Noted. Stantec will make contact with MNRF.

	development and site alteration shall not be permitted in the habitat of endangered species and threatened species, except in accordance with provincial and federal requirements. The provincial *Endangered Species Act* and/or federal *Species at Risk Act* may also apply. Please contact the Ministry of Natural Resources and Forestry (MNRF) at esa.aurora@ontario.ca for further information on Endangered Species Act requirements.	
☒	Please use Ecological Land Classification to map natural and semi-natural features to vegetation type and identify protection/mitigation measures. ELC data sheets are required with the ESR submission (please include digital species spreadsheets).	Noted.
☒	Please refer to Conservation Halton's *Environmental Impact Study Guidelines* for information on general study requirements, impact assessment and appropriate timing and protocols for surveys. These guidelines can be found at www.conservationhalton.ca.	Noted.
☒	Conservation Halton's *Landscape Guidelines* should be consulted at detailed design. These guidelines can be found at www.conservationhalton.ca.	Noted. The project team will add a commitment to the ESR to apply Conservation Halton landscape guidelines during detailed design within the Regulated Area.
☒	**Other:** Milkweed was observed at Culvert C1 on our site walk, providing habitat to the Monarch Butterfly (species to be up-listed). Please re-plant/re-instate Milkweed as part of the restoration works post construction. Also, a small "natural" bench was observed along one side of C1 to assist with wildlife passage. If possible, consideration to installation of a second "metal shelf" animal passage would be beneficial for long term wildlife passage.	Noted. As milkweed may be an "up-listed" species, if required, the tracking of milkweed will be included in the commitments section of the ESR. Wildlife passages are to be explored during detailed design.
Fish Habitat		
☒	As per Policy 2.1.6 of the Provincial Policy Statement, development and site alteration shall not be permitted in fish habitat except in accordance with provincial and federal requirements.	Noted. Stantec will contact MNRF and DFO in this regard.
	Other: Please complete a Fish Habitat Assessment at C1.	A fish habitat assessment will be completed at C1.

Stormwater Management/Drainage		
☒	Please discuss quality/quantity/erosion controls within the Stormwater Management Section of the Environmental Study Report. Please examine the potential to combine SWM with adjacent development.	Stormwater management for the preferred design alternative will be outlined in the ESR.
☒	As per the *Sixteen Mile Creek Subwatershed Study and Functional Stormwater and Environmental Management Strategy – Hwy 401 Industrial/Business Park Secondary Plan Area* please be advised that the quality requirements are *enhanced.* Please discuss the mitigation of thermal impacts.	Noted. Thermal impacts/mitigation will be considered.
☒	As per the *Sixteen Mile Creek Subwatershed Study and Functional Stormwater and Environmental Management Strategy – Hwy 401 Industrial/Business Park Secondary Plan Area* please be advised that the quantity requirements are post to pre-controls.	Noted.
☒	As per the *Sixteen Mile Creek Subwatershed Study and Functional Stormwater and Environmental Management Strategy – Hwy 401 Industrial/Business Park Secondary Plan Area* please be advised that the erosion control requirements are 25mm detention over 24 hours wherever possible.	Noted.
Other		
☒	In order to allow sufficient time to review the Draft Environmental Study Report, staff would appreciate it if a review timeline of 4 weeks could be incorporated into the project schedule. We would like to request 4 hard copies of the ESR for review.	Noted.
☒	Please provide a figure with proposed works and/or alternatives overlaid on an airphoto.	Noted. The preferred preliminary plan outlining proposed works will be overlaid on an airphoto.

Conservation
Halton

905.336.1158
Fax: 905.336.7014
2596 Britannia Road West
Burlington, Ontario L7P 0G3
conservationhalton.ca

Protecting the Natural
Environment from
Lake to Escarpment

March 13, 2018

Paula Burnard,
Senior Environmental Planner
Stantec Consultants
600-171 Queens Avenue
London, ON
N6A 5J7

Dear Ms Burnard:

Re: Regional Rd. 25 MCEA – Draft Natural Heritage Report
Steeles Ave. to 5 Side Road (PR-3130A)
Town of Milton and Halton Hills
Conservation Halton File: MPR 709

This letter will serve as follow up to our January 23, 2018 meeting at CH offices with the Region and your team wherein preliminary design options and environmental constraints were discussed. Specifically, these comments pertain to our review of the Draft Natural Environment Report dated February 27, 2018 prepared by Stantec and recently received by our office.

The following comments are offered:

1.1. Section 4.2.3 Fish Habitat (Page 4.6)

1.1.1. Please include the composition of the substrate recorded at each tributary (i.e. percent of each type of substrate).

1.1.2. Please include the water depth of the channel between culverts C2 and C3.

1.1.3. Staff recommend that additional details regarding Tributary N-1A downstream of the concrete-lined square channel at culvert C2 be added to give a true representation of the channel. It was noted during the July 12, 2017 site visit that the tributary's bed and banks are hardened.

Section 4.2.1 Vegetation Communities (Table 4.2, Page 4.5)

1.1.4. The wetland communities described in this table make mention of "Blue Cattail". Staff are unfamiliar with this common name. Which species of cattail does this refer to (botanical name)?

1.1.5. Staff appreciate the ELC vegetation community descriptions. However, as per the EA Checklist in Appendix B, ELC field sheets and a full species list are required. Please revise the report to include ELC sheets and a species list. Please also provide a digital species spreadsheet and any GPS coordinates of locally rare species.

1.2. Section 7.4 Potential Impacts to Aquatic Environment (Page 7.2)

1.2.1. Staff note that Bullet #6 describes design elements for culvert replacements. Please revise bullet to state that the design of the culverts is to be done through consultation with Conservation Halton and the Ministry of Natural Resources and Forestry as there are additional design requirements that are to be considered. Staff will endeavour to have crossings upgraded to an open-bottom culvert, thus, please remove "countersinking a minimum of 30 cm".

1.3. Section 7.5.3 Tree Protection (Page 7.4)

1.3.1 Staff note that a detailed tree inventory documenting the species, size and health of trees to be removed/protected at this location will be completed under separate cover (Tree Preservation Plan). A strategy that is consistent with Halton Tree By-law 121-05 is proposed to be developed at detail design to compensate for any tree removal. As this project is being undertaken by the Region on regional lands, staff would expect that the Region's *Tree-Canopy Replacement Policy on Regionally Owned Lands (LPS31-08)* be adhered to for compensational requirements of tree removal, specifically the Canopy Replacement Schedule which calculates the number of replacement trees needed based on the DBH of a removed tree. Please revise this section of the report to reflect the appropriate policy requirement.

1.4. Section 7.5.6 Fish Habitat (Page 7.4)

1.4.1. Staff appreciate that consideration of sediment fencing or filter logs are to be used for erosion and sediment control measures to protect fish habitat, however, staff recommend that more effective protection be added to this section as the watercourses are considered to be Redside Dace habitat (i.e. double row of silt fencing with straw bale/filter logs).

1.4.2. Please include a bullet that notes that the discharge of water from construction areas into Redside Dace habitat should not exceed 25 mg/L of TSS above the background stream level of total suspended solids in baseflow conditions.

1.4.3. Please include the construction timing window to this section as timing windows are a mitigation measure.

1.5. Section 8.0 Permitting Requirements (Page 8.1)

1.5.1. Please include Conservation Halton as a permit(s) will be required under Ontario Regulation 162/06 prior to development, interference with wetlands or alterations to shorelines and watercourses.

1.5.2. Staff recommend that a note be added to identify that a permit may be required from the Ministry of Natural Resources and Forestry (MNRF) and the Department of Fisheries and Ocean (DFO) for the collection/handling of fish.

1.6. Section 8.2 Species at Risk Act (Page 8.1)

1.6.1. Please note that there appears to be a typo error referencing another section; the line currently reads "see Section 8.4 below", staff believe it should read Section 8.3.

1.7. Section 8.3 Endangered Species Act (Page 8.2)

1.7.1. Please note that there appears to be a typo error referencing another section; the line currently reads "see Section 8.3 above", staff believe it should read Section 8.2.

1.8. Section 9.0 Summary (Page 9.1)

1.8.1. Please revise wording of "standard" environmental protection measures as standard measures are not sufficient when working around watercourses with protected species. Staff recommend that "enhanced" environmental protection measures be used.

1.9. Appendices

1.9.1. Staff request that aquatic habitat assessment field notes be incorporated into the appendix.

1.9.2. *Appendix B* - Staff appreciate that consideration of wildlife passage will be included in the commitments section of the ESR. It is expected that wildlife passage opportunities will be explored at the detailed design stage.

If you require additional information please contact the undersigned at extension 2257.

Yours truly,

Paul Bond
Coordinator/Environmental Planner
PB/

cc: Jeff Reid, Halton Region (via e-mail)

From:	Paul Bond
To:	Burnard, Paula
Subject:	RE: Reg. Rd. 25 MCEA - CH Comment on Draft Natural Heritage Report
Date:	Thursday, April 12, 2018 3:05:52 PM

Thank-you for reviewing and addressing our comments Paula, much appreciated!

Paul.

Paul Bond | Coordinator/Environmental Planner
Regional Infrastructure Team

Conservation Halton

2596 Britannia Road West
Burlington, Ontario L7P 0G3
905-336-1158 ext. 2257 **|** FAX 905-336-6684 **|** pbond@hrca.on.ca
www.conservationhalton.ca

From: Burnard, Paula [mailto:Paula.Burnard@stantec.com]
Sent: April-12-18 10:55 AM
To: Paul Bond
Cc: Reid, Jeffrey; Murray, Gordon; Larkin, Ann
Subject: RE: Reg. Rd. 25 MCEA - CH Comment on Draft Natural Heritage Report

Hi Paul
Thank you for your comments on the natural heritage report. Attached is a table documenting CH comments and project team responses. The updated Natural Heritage Report is available for download here until April 26, 2018:

https://tmpsftp.stantec.com
Login name: s0426084902
Password: 1987775

Please let me know if you have any questions.

Thank you
Paula

Paula Burnard, MScPl, MCIP, RPP
Senior Environmental Planner
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
paula.burnard@stantec.com

From: Paul Bond [mailto:pbond@hrca.on.ca]
Sent: Tuesday, March 13, 2018 4:21 PM
To: Burnard, Paula <Paula.Burnard@stantec.com>
Cc: Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>
Subject: Reg. Rd. 25 MCEA - CH Comment on Draft Natural Heritage Report

Hi Paula,

Appended are CH comments on the Draft Natural Heritage Report that you recently provided to us. Our comments are generally minor in nature. The original signed letter will be mailed out to you tomorrow.

Thanks,

Paul.

Paul Bond | Coordinator/Environmental Planner
Regional Infrastructure Team

Conservation Halton

2596 Britannia Road West
Burlington, Ontario L7P 0G3
905-336-1158 ext. 2257 | FAX 905-336-6684 | pbond@hrca.on.ca
www.conservationhalton.ca

Stantec Consulting Ltd.
600-171 Queens Avenue, London ON N6A 5J7

April 12, 2018
File: 165010586

Attention: Paul Bond, Coordinator/Environmental Planner
Conservation Halton
2596 Britannia Road West
Burlington, ON L7P 0G3

Dear Mr. Bond,

Reference: Municipal Class Environmental Assessment Study Regional Road 25 from Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills Response to Letter Dated March 13, 2018 – Natural Environment Report

This letter is in response to your correspondence dated March 13, 2018, regarding Conservation Halton's comments on the Draft Natural Environment Report associated with the above-referenced Municipal Class Environmental Assessment (MCEA) Study in Halton Region.

The project team has reviewed the comments offered by Conservation Halton and have updated the Natural Environment Report accordingly. The updated report is attached for your records with a comment/response table to document how your comments were addressed.

Thank you for your involvement and comments provided to date. Please feel free to contact me at 519-675-6666 or paula.burnard@stantec.com if you have any questions.

Regards,

Stantec Consulting Ltd.

Paula Burnard MScPl, MCIP, RPP
Senior Environmental Planner
Phone: 519-675-6666
paula.burnard@stantec.com

c. J. Reid, Project Manager – Halton Region
G. Murray, Project Manager – Stantec Consulting Ltd.

Encl. Natural Environment Report
Comment/Response Table

Conservation Halton Comment		Project Team Response
Section 4.2.3 Fish Habitat (Page 4.6)		
☐	1.1.1. Please include the composition of the substrate recorded at each tributary (i.e. percent of each type of substrate).	Substrate composition has been added for each tributary.
☐	1.1.2. Please include the water depth of the channel between culverts C2 and C3.	Water depth has been added for the channel between C2 and C3.
☐	1.1.3. Staff recommend that additional details regarding Tributary N-1A downstream of the concrete-lined square channel at culvert C2 be added to give a true representation of the channel. It was noted during the July 12, 2017 site visit that the tributary's bed and banks are hardened.	Additional details describing visible substrate and the underlying hardening has been added to the text.
Section 4.2.1 Vegetation Communities (Table 4.2, Page 4.5)		
☐	1.1.4. The wetland communities described in this table make mention of "Blue Cattail". Staff are unfamiliar with this common name. Which species of cattail does this refer to (botanical name)?	Blue Cattail is the hybrid Typha x glauca (T. angustifolia x T. latifolia). This detail has been added to the report.
☐	1.1.5. Staff appreciate the ELC vegetation community descriptions. However, as per the EA Checklist in Appendix B, ELC field sheets and a full species list are required. Please revise the report to include ELC sheets and a species list. Please also provide a digital species spreadsheet and any GPS coordinates of locally rare species.	ELC field sheets and a plant list were added to the appendices. A digital spreadsheet was prepared with GPS coordinates for rare species. These species are also shown on the ELC map.
Section 7.4 Potential Impacts to Aquatic Environment (Page 7.2)		
☐	1.2.1. Staff note that Bullet #6 describes design elements for culvert replacements. Please revise bullet to state that the design of the culverts is to be done through consultation with Conservation Halton and the Ministry of Natural Resources and Forestry as there are additional design requirements that are to be considered. Staff will endeavour to have crossings upgraded to an open-bottom culvert, thus, please remove "countersinking a minimum of 30 cm''.	Text has been revised to indicate that culvert design will be completed in consultation with CH and MNRF and an open-bottomed culvert will be considered if the culvert is to be replaced.
1.3. Section 7.5.3 Tree Protection (Page 7.4)		
☐	1.3.1. Staff note that a detailed tree inventory documenting the species, size and health	Text was updated accordingly.

	of trees to be removed/protected at this location will be completed under separate cover (Tree Preservation Plan). A strategy that is consistent with Halton Tree Bylaw 121-05 is proposed to be developed at detail design to compensate for any tree removal. As this project is being undertaken by the Region on regional lands, staff would expect that the Region's *Tree-Canopy Replacement Policy on Regionally Owned Lands (LPS31-08)* be adhered to for compensational requirements of tree removal, specifically the Canopy Replacement Schedule which calculates the number of replacement trees needed based on the DBH of a removed tree. Please revise this section of the report to reflect the appropriate policy requirement.	
1.4. Section 7.5.6 Fish Habitat (Page 7.4)		
☐	1.4.1. Staff appreciate that consideration of sediment fencing or filter logs are to be used for erosion and sediment control measures to protect fish habitat, however, staff recommend that more effective protection be added to this section as the watercourses are considered to be Redside Dace habitat (i.e. double row of silt fencing with straw bale/filter logs).	Bullet has been revised to indicate that enhanced erosion and sediment control is to be used including a double-row of non-woven sediment fencing separated by straw bales or filter logs.
☐	1.4.2. Please include a bullet that notes that the discharge of water from construction areas into Redside Dace habitat should not exceed 25 mg/L of TSS above the background stream level of total suspended solids in baseflow conditions.	Bullet has been added.
☐	1.4.3. Please include the construction timing window to this section as timing windows are a mitigation measure.	Construction timing window has been added.
1.5. Section 8.0 Permitting Requirements (Page 8.1)		
☐	1.5.1. Please include Conservation Halton as a permit(s) will be required under Ontario Regulation 162/06 prior to development, interference with wetlands or alterations to shorelines and watercourses.	Since the CH permit is not limited to natural heritage, the requirement for a permit under O.Reg. 162/06 is discussed in the Environmental Study Report.
☐	1.5.2. Staff recommend that a note be added to identify that a permit may be required	A note has been added to Sections 8.2 and 8.3 indicating that a permit under the ESA and

	from the Ministry of Natural Resources and Forestry (MNRF) and the Department of Fisheries and Ocean (DFO) for the collection/handling of fish.	SARA may be required should fish salvages be needed during construction.
1.6. Section 8.2 Species at Risk Act (Page 8.1)		
☐	1.6.1. Please note that there appears to be a typo error referencing another section; the line currently reads "see Section 8.4 below", staff believe it should read Section 8.3.	Typo has been revised.
1.7. Section 8.3 Endangered Species Act (Page 8.2)		
☐	1.7.1. Please note that there appears to be a typo error referencing another section; the line currently reads "see Section 8.3 above", staff believe it should read Section 8.2.	Typo has been revised.
1.8. Section 9.0 Summary (Page 9.1)		
☐	1.8.1. Please revise wording of "standard" environmental protection measures as standard measures are not sufficient when working around watercourses with protected species. Staff recommend that "enhanced" environmental protection measures be used.	Wording has been revised to indicate that “enhanced” environmental protection measures are recommended.
1.9. Appendices		
☐	1.9.1. Staff request that aquatic habitat assessment field notes be incorporated into the appendix.	Aquatic habitat field notes have been added as Appendix F.
☐	1.9.2. Appendix B - Staff appreciate that consideration of wildlife passage will be included in the commitments section of the ESR. It is expected that wildlife passage opportunities will be explored at the detailed design stage.	Comment noted. Wildlife passage opportunities will be explored at the detailed design stage.

From: Reid, Jeffrey
To: "Paul Bond"; bohdan.kowalyk@ontario.ca
Cc: Burnard, Paula; Murray, Gordon; Larkin, Ann
Subject: RE: RR 25 MCEA - Draft Stormwater Management Report
Date: Tuesday, April 17, 2018 8:42:26 AM

Hi Paul/Bohdan,

I'm just following-up as to see whether CH or MNRF had any comments related to the draft Regional Road 25 SWM Report.

Can I request that any comments be received by next Friday, April 27th.

I'm available if you would like to discuss.

Thanks,
Jeff

From: Reid, Jeffrey
Sent: Thursday, March 22, 2018 1:09 PM
To: 'Paul Bond'; bohdan.kowalyk@ontario.ca
Cc: Paula.Burnard@stantec.com; Murray, Gordon; Larkin, Ann
Subject: RR 25 MCEA - Draft Stormwater Management Report

Hi Paul/Bohdan,

As a follow-up to our meeting on January 23, 2018, we have drop-boxed (link below) the draft Stormwater Management Report for the Regional Road 25 MCEA Study.

http://dropbox.halton.ca/en/downloadfiles.aspx?param=A33DjpCmpuygiBvQtbhgqAeQuAleQuAl

We look forward to your input.

Please let me know if you have any questions.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

Conservation
Halton

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Protecting the Natural Environment from Lake to Escarpment

April 23, 2018

Jeff Reid
Project Manager II
Halton Region
1151 Bronte Rd.
Oakville, ON
L6M 3L1

Dear Mr. Reid:

Re: Regional Rd. 25 MCEA – Draft SWM Report *(Stantec-March 2018)*
Steeles Ave. to 5 Side Road (PR-3130A)
Town of Milton and Halton Hills
Conservation Halton File: MPR 708

CH staff have reviewed the following draft document as part of the above noted MCEA submission:

- *Regional Road 25 Class "C" Environmental Assessment, Stormwater Management Report, prepared by Stantec, dated March 6, 2018.*

The following comments are offered.

1. Sec. 2.1.1 Watercourses Crossings and Bridges, Pg. 2.3

1.1. On Pg. 2.4 please provide a direct link between the HEC-RAS model analysed and Crossing/Culvert # as specified earlier in the Section to identify which model was used to confirm the hydraulic conditions at which Crossing/Culvert.

1.2. Digital models must be provided for staff review as part of SWM report. The models should be prepared in accordance with the General Comments on HEC-RAS modelling and report (*see "Attachment" comments on page 4 herein*).

1.3. Please review and revise the name of the tributary that flows through crossings C1, C2, and C3 as it appears there may be an error. Based on Figure 1, it appears that Tributary N1-A flows through crossing C2 and C3 and an unidentified branch of Tributary N1-A flows through crossing C1.

2. Section 3.1.1. Quantity Control, Pg. 3.6.

2.1. Given the time of the pond S36 construction, verification of the design conditions of the pond (i.e. drainage area, as-built details) are needed as its performance will be required at the detailed stage of the project to confirm that the pond possesses the capacity to accommodate the increased quantity of flow resulting from the future road conditions.

2.2. Details and a summary table of the proposed super-pipes, orifices and stage-storage-discharge tables will be required at the detailed design stage.

2.3. Bullet 3, notes *that "Potential opportunities to implement infiltration measures/low impact developments (LIDs) should be identified and implemented wherever feasible and appropriate."* It is noted that the report does not provided any discussion to the potential opportunities to implement LID features. Staff recommend a section be added to the report.

3. Section 3.1.2. Quality Control, Pg. 3.6.

3.1. Please note that staff are unable to support 80% TSS removal by two proposed OGS units (stand-alone units). We note that typically, to achieve 80% TSS removal, a treatment train approach is required which includes an OGS unit sized accordingly based on the entire drainage area (assumed as 50% TSS removal), <u>plus</u> an additional BMP (any type of LID). Please revise.

3.2. Alternatively, units combining gravitational pre-treatment (sedimentation and floatation) and membrane filtration (for example Jellyfish® Filter units) can be considered as part of the design, which was verified to obtain 80% TSS removal subject to proper design and maintenance procedure.

3.3. Last sentence in first paragraph reads *"no additional quantity control"*, when it should read "no additional *quality* control". Please revise.

3.4. Staff recommend that the titles of Figure 4 – Water Crossing 1 and Figure 6 – Water Crossing 3 be revised to reflect the crossing/culvert numbering depicted in Figure 1. Figure 4 notes the culvert as Crossing 1 when it should be culvert/crossing 4, similar with Figure 6, the titles notes Crossing 3 when it should be culvert/crossing 1.

4. Section 3.1.3. Minor and Major System Drainage, Pg. 3.6. Figure 8A "Proposed Drainage Conditions".

4.1. According to Figures 7A and 8A, the existing outlets downstream of Crossing 1 through roadside ditches will be replaced with two new source point outlets to a

branch of Tributary N2-B. Please note that Permits from CH under Ontario Regulation 162/06 will be required prior to construction of the outlets.

5. **Section 3.1.6. CNR Watercourse Crossing Analysis, Pg. 3.1.**

   5.1 Staff support the proposed mitigation measure, i.e. installation of relief culverts, to reduce flooding at Maplehurst Correctional Complex as part of the proposed Regional Road 25 widening. Confirmation is required that CN is accepting the proposed design including an indication of the timing of the relief culvert works at the CN culvert (BR02).

6. **Section 3.1.7. Summary of Culverts, Pg. 3.2.** (note: there appeared to be a typo in the page number for the Section).

   6.1. The provided summary table indicated overtopping for Crossings 2 and 3 under the Regional Storm Event. Please confirm which conditions (existing or proposed) this table represents. Please provide summary tables for both existing and proposed conditions to confirm the flooding impact of the proposed road widening on the adjacent properties.

   6.2. **IMPORTANT**: Please note that Conservation Halton accepts **no** increase on flood elevation or velocities on privately owned neighbouring properties resulting from a new road construction unless there is no increased risk to structures or decreased access/egress to the property <u>and</u> the property owner accepts and signs off on the increases. We will require a detailed review to assess the increases and associated impact on private lands prior to forwarding the information to the affected landowner for the final decision. <u>This cannot be deferred to detail design</u> and must be resolved as part of the EA process.

7. **Figure 5. Water Crossing 2.**

   7.1. It appears that the proposed widening will extend to the watercourse centreline (long dashed line) as shown in Figure 5. Please confirm the proposed mitigation for the watercourse disturbance in this area as part of the EA. Please note that CH Permits under Ontario Regulation 162/06 will be required should any creek works be required as part of the road construction.

8. **OGS Sizing Report, South of Highway 401.**

   8.1. Staff support the proposed sizing for oil-grit separators downstream of Crossing C1 as drainage area characteristics match drainage plan presented in Figure 8A.

   8.2. It is understood that there is an existing OGS between MHS6 and MHS5 (CST9000) that serves drainage directed to the existing Pond S36. Please provide a re-evaluation of the unit to confirm its sizing and performance under the proposed conditions.

9. General.

9.1. Specific grading details associated with the widening of a portion of the road along Maplehurst Correctional Complex are required at the EA stage due to the sensitivity of the area from a flooding perspective. According to Fig 5 "Water Crossing 2", the proposed road widening will encroach into the floodplain at Crossing C2 due to a location of the watercourse (run parallel to the road both upstream and downstream of C2). As a result, floodplain impact assessment will need to be prepared in order to confirm the impact on the existing flooding conditions (from both conveyance and storage perspectives, under both man-made and riparian conditions). It is assumed that grading details, as well as proposed crossing details, will be essential for such analysis. Therefore, the analysis is required at the EA stage as the result of the assessment may influence the preferred road design details and mitigation measures.

Attachment

1. General Comments Related to HEC-RAS modelling and reports:

1.1. One HEC-RAS model is required for each crossing submission;

1.2. The models should include different geometery files to represent existing and proposed conditions of the site under both riparian and man-made conditions if required.

1.3. Documentation of each geometry and flow file which identifies sources, data utilized, changes made, dates, etc. (descriptive to facilitate staff's review) is also required to accompany the model and should be included in the report.

1.4. Each geometry file should be clearly labeled so staff can identify analysed geometery conditions and changes introduced.

1.5. If different scenarios (i.e. different flows) are analysed, different flow files to represent different scenarios should be created in the model.

1.6. Each flow file should be labeled so it is clear what flow regime is analyzed.

1.7. The model should include different plans created in a manner that allows different scenarios to be analyzed and easily compared.

1.8. A list of Plans presented in the digital model confirming geometry data and flow data (descriptive to facilitate review) utilized in each plan is required to accompany the model.

1.9. Output tables should be clearly labelled to include the following:

a) Name of the model, date of preparation, version of HEC-RAS and the consultant's company name.

b) Plan name (full name and Short-ID) that was analysed to prepare the output table including Geometry data and Flow data files.

1.10. The report should include output tables and description of the anticipated changes as well as the magnitude of the impact. Explanation of the output results is also required.

Please contact Ekaterina (Kate) Sapozhnikova directly at ext. 2265 should you have any questions regarding these requirements.

2. Floodplain Mapping.

2.1. Floodplain mapping showing locations of the cross-sections analysed in each HEC-RAS models are required. Floodplain mapping showing the extent of the floodplain conditions under the existing and proposed conditions (100-year storm and the Regional Storm event), properly labelled with cross-sections and elevations should be prepared and provided for review and approval. The drawings should be prepared based on the most recent detailed topographical information and be stamped, dated and signed by a P.Eng. Digital copies of the drawings will also be required once the analysis is accepted (refer to digital drawings requirements information below).

2.2. In cases, where the floodplain extent is impacted by the proposed works (i.e. the limit of the floodplain is extended), separate floodplain mapping for each existing and proposed conditions are required to be prepared. In order to complete the flood risk assessment and incorporate the proposed changes into the regulatory database, the following is also required:

a. Please provide full-scale drawings including the cross-sections and the extent of the floodplain under the proposed conditions (100 –years storm and the Regional Storm elevations should be shown on the drawings) prepared by P.Eng. to accompany HEC-RAS model result.

b. At the 100% drawing submission, digital copies of the above-referenced drawing (including HEC-RAS sections and labels and 100-year storm and the Regulatory Storm flood elevations) must be submitted to the satisfaction of Conservation Halton.

c. The drawing(s) must be provided as a .pdf as well as in one of the following GIS file formats; ESRI Shapefile or AutoCAD (file format in order of preference dwg, dgn, and dxf); properly georeferenced to the NAD83, UTM, Zone 17 coordinate system.

Extents of submitted GIS files must be set within the following values: West: 560000 m; East: 660000 m; North: 4850000 m; South 4750000 m.

d. Due to the significant number of layers typically included in GIS files, features relevant to the hazards and associated labels should be submitted in a separate GIS file in addition to the main drawings, clearly attributed in the GIS file, and named in the correspondence accompanying the submission.

If you require additional information please contact the undersigned at extension 2257.

Yours truly,

Paul Bond
Coordinator/Environmental Planner
Regional Infrastructure Team
PB/

cc: Gord Murray, Stantec Consulting (via e-mail)
Bohdan Kowalyk, MNRF (via e-mail)

Stantec

Stantec Consulting Ltd.
100-300 Hagey Boulevard, Waterloo ON N2L 0A4

June 15, 2018
1650-10586/30

Attention: Mr. Paul Bond
Coordinator/Environmental Planner
Regional Infrastructure Team
Conservation Halton
2596 Britannia Road West
Burlington, ONL7P 0G3

Dear Paul,

Reference: Regional Rd. 25 MCEA – Draft SWM Report (Stantec-March 2018)
Conservation Halton File: MPR 708

Stantec and the Region have reviewed CH's comments provided on the following draft document as part of the above noted MCEA submission: *Regional Road 25 Class "C" Environmental Assessment, Stormwater Management Report, prepared by Stantec, dated March 6, 2018.* Our responses to your comments follow in bold/black text.

1. **Sec. 2.1.1 Watercourses Crossings and Bridges, Pg. 2.3**

   1.1. On Pg. 2.4 please provide a direct link between the HEC-RAS model analysed and Crossing/Culvert # as specified earlier in the Section to identify which model was used to confirm the hydraulic conditions at which Crossing/Culvert.

   Response: A direct link between the HEC-RAS model analyzed and Crossing/Culvert # will be provided.

   1.2. Digital models must be provided for staff review as part of SWM report. The models should be prepared in accordance with the General Comments on HEC-RAS modelling and report (*see "Attachment" comments on page 4 herein*).

   Response: Digital models will be provided with the revised SWM report.

   1.3. Please review and revise the name of the tributary that flows through crossings C1, C2, and C3 as it appears there may be an error. Based on Figure 1, it appears that Tributary N1-A flows through crossing C2 and C3 and an unidentified branch of Tributary N1-A flows through crossing C1.

   Response: Names of tributaries will be revised and updated.

2. **Section 3.1.1. Quantity Control, Pg. 3.6.**

   2.1. Given the time of the pond S36 construction, verification of the design conditions of the pond (i.e. drainage area, as-built details) are needed as its performance will be required at the detailed stage of the project to confirm that the pond possesses the capacity to accommodate the increased quantity of flow resulting from the future road conditions.

Reference: **Regional Rd. 25 MCEA – Draft SWM Report (Stantec-March 2018)**
Conservation Halton File: MPR 708

Response: It has come to our attention that the Town of Milton will be making modifications to Pond S36 to convert it to an "offline pond", including a realignment of the existing naturalized channel at its downstream end. Stantec will be contacting the Town and their design consultant to attempt to ascertain the details of these modifications, and what, if any, provisions have been made for existing/proposed drainage from Regional Road 25. In addition, a note will be added to the report that the Town of Milton, owner of Pond S36, should be contacted during the detailed design stage to verify the pond improvements and the design capabilities of the pond with respect to quality and quantity control.

2.2. Details and a summary table of the proposed super-pipes, orifices and stage-storage-discharge tables will be required at the detailed design stage.

Response: The commitments table in the ESR will identify the need for a summary table of the proposed super-pipes, orifices and stage-storage-discharge tables to be provided at the detailed design stage.

2.3. Bullet 3, notes *that "Potential opportunities to implement infiltration measures/low impact developments (LIDs) should be identified and implemented wherever feasible and appropriate."* It is noted that the report does not provide any discussion to the potential opportunities to implement LID features. Staff recommend a section be added to the report.

Response: A section will be added to the SWM report to discuss potential LID opportunities which are applicable for the project. Most likely options will include infiltration trenches and/or underground storage chambers with infiltration capabilities.

3. **Section 3.1.2. Quality Control, Pg. 3.6.**

3.1. Please note that staff are unable to support 80% TSS removal by two proposed OGS units (stand-alone units). We note that typically, to achieve 80% TSS removal, a treatment train approach is required which includes an OGS unit sized accordingly based on the entire drainage area (assumed as 50% TSS removal), plus an additional BMP (any type of LID). Please revise.

Response: Quality control approach will be revised to add Jellyfish filters and/or treatment train including LID measures (e.g., catchbasin shields, infiltration trenches, underground chambers, enhanced swales).

3.2. Alternatively, units combining gravitational pre-treatment (sedimentation and floatation) and membrane filtration (for example Jellyfish® Filter units) can be considered as part of the design, which was verified to obtain 80% TSS removal subject to proper design and maintenance procedure.

Response: Noted. Jellyfish filters and LID measures will be added as treatment train options to achieve "first flush" and TSS removal targets. To be confirmed during detailed design.

Reference: **Regional Rd. 25 MCEA – Draft SWM Report (Stantec-March 2018)**
Conservation Halton File: MPR 708

3.3. Last sentence in first paragraph reads *"no additional quantity control"*, when it should read "no additional *quality* control". Please revise.

Response: The sentence will be revised as noted.

3.4. Staff recommend that the titles of Figure 4 – Water Crossing 1 and Figure 6 – Water Crossing 3 be revised to reflect the crossing/culvert numbering depicted in Figure 1. Figure 4 notes the culvert as Crossing 1 when it should be culvert/crossing 4, similar with Figure 6, the titles notes Crossing 3 when it should be culvert/crossing 1.

Response: Culverts numbering will be revised and updated, as noted.

4. **Section 3.1.3. Minor and Major System Drainage, Pg. 3.6. Figure 8A "Proposed Drainage Conditions".**

4.1. According to Figures 7A and 8A, the existing outlets downstream of Crossing 1 through roadside ditches will be replaced with two new source point outlets to a branch of Tributary N2-B. Please note that Permits from CH under Ontario Regulation 162/06 will be required prior to construction of the outlets.

Response: A note will be added to the Environmental Study Report commitments table, requiring the permits.

5. **Section 3.1.6. CNR Watercourse Crossing Analysis, Pg. 3.1.**

5.1 Staff support the proposed mitigation measure, i.e. installation of relief culverts, to reduce flooding at Maplehurst Correctional Complex as part of the proposed Regional Road 25 widening. Confirmation is required that CN is accepting the proposed design including an indication of the timing of the relief culvert works at the CN culvert (BR02).

Response: The proposed mitigation measures were previously discussed with CN and have been accepted in-principle, including increasing the existing culvert's capacity by adding two more culverts under the railway embankment. The matter will be further discussed and confirmed with CN following the completion of the flood impact analysis. The two additional relief culverts would be installed at the time the CN tracks are diverted to facilitate bridge replacement (simultaneous with the widening of Regional Road 25 to six lanes).

6. **Section 3.1.7. Summary of Culverts, Pg. 3.2.** (note: there appeared to be a typo in the page number for the Section).

Response: Comment noted – will be revised.

6.1. The provided summary table indicated overtopping for Crossings 2 and 3 under the Regional Storm Event. Please confirm which conditions (existing or proposed) this table represents. Please provide summary tables for both existing and proposed conditions to confirm the flooding impact of the proposed road widening on the adjacent properties.

Reference: **Regional Rd. 25 MCEA – Draft SWM Report (Stantec-March 2018)**
Conservation Halton File: MPR 708

Response: The table will be updated to include both the existing and proposed conditions.

6.2. **IMPORTANT**: Please note that Conservation Halton accepts **no** increase on flood elevation or velocities on privately owned neighbouring properties resulting from a new road construction unless there is no increased risk to structures or decreased access/egress to the property and the property owner accepts and signs off on the increases. We will require a detailed review to assess the increases and associated impact on private lands prior to forwarding the information to the affected landowner for the final decision. This cannot be deferred to detail design and must be resolved as part of the EA process.

Response: Flood impact details will be provided to confirm that there will be no increase in floodline elevations or velocities on privately owned properties, including no increased risk to structures, nor decreased access/egress, due to the proposed road widening.

7. **Figure 5. Water Crossing 2.**

7.1 It appears that the proposed widening will extend to the watercourse centreline (long dashed line) as shown in Figure 5. Please confirm the proposed mitigation for the watercourse disturbance in this area as part of the EA. Please note that CH Permits under Ontario Regulation 162/06 will be required should any creek works be required as part of the road construction.

Response: The dashed line was not intended to represent the grading limit, but the centerline of the existing channel. It is shown in error and will be removed. The impact of the additional roadway embankment widening will be mitigated by installation of a retaining wall on the east side of Regional Road 25.

8. **OGS Sizing Report, South of Highway 401.**

8.1. Staff support the proposed sizing for oil-grit separators downstream of Crossing C1 as drainage area characteristics match drainage plan presented in Figure 8A.

Response: Noted.

8.2. It is understood that there is an existing OGS between MHS6 and MHS5 (CST9000) that serves drainage directed to the existing Pond S36. Please provide a re-evaluation of the unit to confirm its sizing and performance under the proposed conditions.

Response: The existing unit OGS between MHS6 and MHS5 (CST9000) will be re-evaluated to confirm its sizing and updated in the SWM report.

9. **General.**

9.1. Specific grading details associated with the widening of a portion of the road along Maplehurst Correctional Complex are required at the EA stage due to the sensitivity of the area from a flooding perspective. According to Fig 5 "Water Crossing 2", the proposed road widening will encroach into the floodplain at Crossing C2 due to a location of the watercourse (run parallel to

Reference: **Regional Rd. 25 MCEA – Draft SWM Report (Stantec-March 2018)**
Conservation Halton File: MPR 708

the road both upstream and downstream of C2). As a result, floodplain impact assessment will need to be prepared in order to confirm the impact on the existing flooding conditions (from both conveyance and storage perspectives, under both man-made and riparian conditions). It is assumed that grading details, as well as proposed crossing details, will be essential for such analysis. Therefore, the analysis is required at the EA stage as the result of the assessment may influence the preferred road design details and mitigation measures.

Response: Flood impact analysis will be provided upon completion of the preliminary design for the preferred alternative design, at the EA stage.

Regards,

Stantec Consulting Ltd.

Gord Murray P.Eng.
Principal, Transportation

Phone: (519) 585-7358
Fax: (519) 579-6733
gordon.murray@stantec.com

c. P. Burnard, Stantec Consulting Ltd.
J. Reid, Halton Region
A. Larkin, Halton Region

mg v:\01650\active\165010586\30_agencies_approvals_permits\letter response to ch (swm_report)_june 13 2018.docx

From:	Matt Howatt
To:	Reid, Jeffrey; Aurora.McAllister@ontario.ca
Cc:	Tawnia Martel; Holly Anderson; Ekaterina Sapozhnikova; Larkin, Ann; bohdan.kowalyk@ontario.ca; "april.currie@ontario.ca"; Murray, Gordon; Burnard, Paula; Mukhtar, Mustafa; Stuart, Sean
Subject:	RE: Regional Road 25 MCEA Study - Minutes and Updated SWM Report/Analysis
Date:	Wednesday, March 13, 2019 9:18:59 AM

Good morning Jeff,

Thank you for the project update and for providing the updated project materials. We've successfully retrieved the information from the Dropbox.

We will conduct a review to confirm that previous comments have been addressed recognizing that the project continues to move forward with a TAC meeting in mid to late April and PIC #2 in June.

We will follow up shortly with our feedback and look forward to the upcoming TAC meeting.

Regards,
Matt

Matt Howatt
Coordinator, Regional Infrastructure Team

Conservation Halton
2596 Britannia Road West, Burlington, ON L7P 0G3
905.336.1158 ext. 2311 | Fax 905.336.6684 | mhowatt@hrca.on.ca
conservationhalton.ca

From: Reid, Jeffrey [mailto:Jeffrey.Reid@halton.ca]
Sent: March 8, 2019 2:05 PM
To: Matt Howatt; Aurora.McAllister@ontario.ca
Cc: Paul Bond; Tawnia Martel; Holly Anderson; Ekaterina Sapozhnikova; Larkin, Ann; bohdan.kowalyk@ontario.ca; 'april.currie@ontario.ca'; 'Murray, Gordon'; Paula.Burnard@stantec.com; 'mustafa.mukhtar@stantec.com'; 'sean.stuart@stantec.com'
Subject: Regional Road 25 MCEA Study - Minutes and Updated SWM Report/Analysis

Hi Matt/Aurora,

Halton Region would like to provide an update regarding the Regional Road 25 MCEA Study from Steeles Avenue to 5 Side Road, within the Town of Milton/Town of Halton Hills. The Project Team last met with CN/MNRF on July 25, 2018 in which we discussed the draft Stormwater Management (SWM) Report. Please find attached both the Minutes and Presentation which guided the meeting.

In addition, Halton was requested to provide the following information:

- Updated SWM Report to address CH/MNRF Comments

    - Culvert (C2) Cross-sections (Figures 11, 12 & 13)
    - Preliminary Design from Market Drive to Chisholm Drive (Figure 14)
- HEC-RAS Analysis

As the files are large (and numerous) the above information has been drop-boxed at the following link:

http://dropbox.halton.ca/en/downloadfiles.aspx?param=wSDhsM5lA5HJh0vyyfPzgYjZogeQuAleQuAl

Please review the updated SWM Report and supporting material. Let me know if you have any difficulty retrieving the information. We believe all CH/MNRF comments have been addressed, however let me know if there are any follow-up questions. From what I understand, CH/MNRF meet monthly, so we could potentially meeting on this same day (if required).

In terms of process, we anticipate hosting Technical Agency Committee (TAC) Meeting #2 in mid to late April and Public Information Centre (PIC) #2 in June. Throughout the summer the draft Environmental Study Report (ESR) will be drafted and will then be circulated to Agencies for a 6 week commenting period. The Project Team anticipates advertising the Notice of Study Completion this Fall for a minimum 30-day public review period.

Please don't hesitate to contact me if you would like to discuss.

The Region thanks both CH and MNRF for your continued input and support.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

From: Reid, Jeffrey
Sent: Friday, March 29, 2019 4:28 PM
To: 'Matt Howatt'
Subject: Regional Road 25 MCEA Study

Hi Matt,

As a follow-up to our telephone conversation, below are a couple clips from the recently provided SWM Report.

In addition, attached is the Presentation and Minutes from our meeting on June 25, 2018.

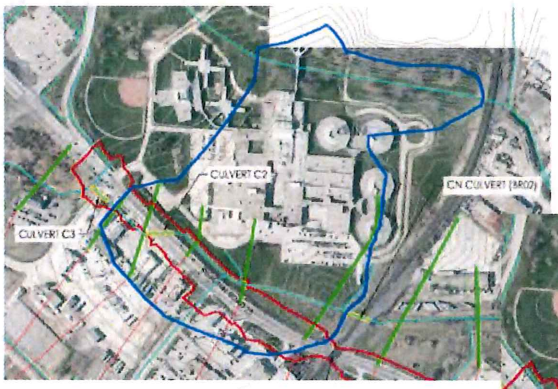
If we can touch-base early next week regarding any CH comments, that would be appreciated.

Thanks,
Jeff

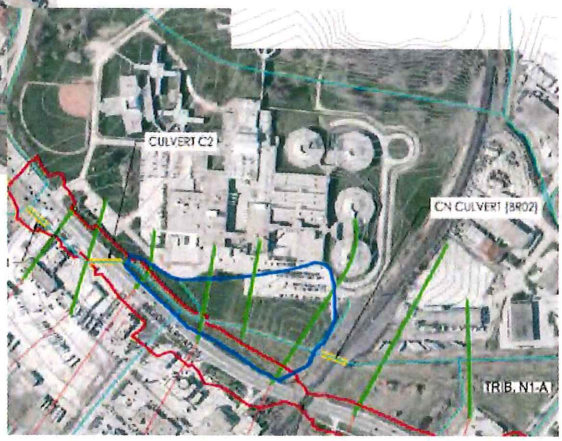
ANALYSIS AND EVALUATION

DRAINAGE (Regional Storm Event)

Existing Conditions



Proposed Conditions



Legend
- REGIONAL FLOODLINE
- SITE BOUNDARY
- 16 MILE CREEK TRIB N1-A
- FOAK 11_DAT SECTIONS
- CULVERTS

Halton REGION

halton.ca 311

From:	ian.fleming@zayo.com
To:	Burnard, Paula
Subject:	Re: Technical Agency Committee Meeting #1 - Regional Road 25 Municipal Class Environmental Assessment Study - Steeles Avenue to 5 Side Road, Town of Milton/Halton Hills, Halton Region
Date:	Friday, February 16, 2018 2:31:54 PM

Good Afternoon Paula,

Zayo has no existing facilities in the area you've specified. We will not be attending the meeting, and have no objections to your works. Thank you.

Ian Fleming
Utility Circulations

On 16 February 2018 at 12:49, Burnard, Paula <Paula.Burnard@stantec.com> wrote:

> Halton Region has initiated a Municipal Class Environmental Assessment (MCEA) Study to consider options for transportation corridor improvements to satisfy future travel demands to 2031 on the Regional Road 25 corridor between Steeles Avenue (Regional Road 8) and 5 Side Road.
>
> On behalf of Halton Region, we invite you to attend the first Technical Agency Committee (TAC) meeting for the Regional Road 25 MCEA Study from Steeles Avenue to 5 Side Road.
>
> **Please reply to this meeting invitation to advise whether you plan to attend.**
>
> The purpose of the first TAC Meeting is to review the study background, study approach, existing conditions, alternative solutions, and to review high level conceptual corridor alternatives for the improvements for the Regional Road 25 Corridor.
>
> If you have any questions, please feel free to contact Mr. Gord Murray, at gordon.murray@stantec.com or 519-585-7358.

From:	Parisotto, Mark (MCSCS)
To:	Burnard, Paula
Cc:	Frankovich, Tanya (MCSCS)
Subject:	RE: Technical Agency Committee Meeting #1 - Regional Road 25 Municipal Class Environmental Assessment Study - Steeles Avenue to 5 Side Road, Town of Milton/Halton Hills, Halton Region
Date:	Wednesday, January 31, 2018 9:00:30 PM

Hi Paula,

I have moved on to another position and Ms. Tanya Frankovich is now Superintendent at Maplehurst Correctional Complex. I've copied Tanya for her awareness.

Mark Parisotto

Sent with BlackBerry Work
(www.blackberry.com)

From: Burnard, Paula <Paula.Burnard@stantec.com<mailto:Paula.Burnard@stantec.com>>
Date: Wednesday, Jan 31, 2018, 8:16 PM
To: michael.vallins@cn.ca <michael.vallins@cn.ca<mailto:michael.vallins@cn.ca>>, Desautels, Solange (MOECC) <Solange.Desautels@ontario.ca<mailto:Solange.Desautels@ontario.ca>>, Currie, Geoff (MCSCS) <Geoff.Currie@ontario.ca<mailto:Geoff.Currie@ontario.ca>>, Parisotto, Mark (MCSCS) <Mark.Parisotto@ontario.ca<mailto:Mark.Parisotto@ontario.ca>>, Degan, Robyn (MCSCS) <Robyn.Degan@ontario.ca<mailto:Robyn.Degan@ontario.ca>>, Heeney, Paul (MNRF) <Paul.Heeney@ontario.ca<mailto:Paul.Heeney@ontario.ca>>, Kowalyk, Bohdan (MNRF) <bohdan.kowalyk@ontario.ca<mailto:bohdan.kowalyk@ontario.ca>>, Hatcher, Laura (MTCS) <Laura.E.Hatcher@ontario.ca<mailto:Laura.E.Hatcher@ontario.ca>>, Minkin, Dan (MTCS) <Dan.Minkin@ontario.ca<mailto:Dan.Minkin@ontario.ca>>, Lai, Joseph (MTO) <Joseph.Lai@ontario.ca<mailto:Joseph.Lai@ontario.ca>>, Zhou, Miao (MTO) <Miao.Zhou@ontario.ca<mailto:Miao.Zhou@ontario.ca>>, Van Roon, Pauline (MTO) <Pauline.VanRoon@ontario.ca<mailto:Pauline.VanRoon@ontario.ca>>, Siddiqui, Fayyaz (MTO) <Fayyaz.Siddiqui@ontario.ca<mailto:Fayyaz.Siddiqui@ontario.ca>>, Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca<mailto:Lisa.Myslicki@infrastructureontario.ca>>, pbond@hrca.on.ca <pbond@hrca.on.ca<mailto:pbond@hrca.on.ca>>, veermanl@hdsb.ca <veermanl@hdsb.ca<mailto:veermanl@hdsb.ca>>, cathy.robertson@halton.ca <cathy.robertson@halton.ca<mailto:cathy.robertson@halton.ca>>, Markek.Braczek@halton.ca <Markek.Braczek@halton.ca<mailto:Markek.Braczek@halton.ca>>, Stirling.Todd@halton.ca <Stirling.Todd@halton.ca<mailto:Stirling.Todd@halton.ca>>, Bob.Wicklund@halton.ca <Bob.Wicklund@halton.ca<mailto:Bob.Wicklund@halton.ca>>, Keenan.Lane@halton.ca <Keenan.Lane@halton.ca<mailto:Keenan.Lane@halton.ca>>, Sage, Greg (Halton Emergency Medical Services) <Greg.Sage@halton.ca<mailto:Greg.Sage@halton.ca>>, robin.garell@halton.ca <robin.garell@halton.ca<mailto:robin.garell@halton.ca>>, Stephen.Tanner@haltonpolice.ca <Stephen.Tanner@haltonpolice.ca<mailto:Stephen.Tanner@haltonpolice.ca>>, Paul.Davies@haltonpolice.ca <Paul.Davies@haltonpolice.ca<mailto:Paul.Davies@haltonpolice.ca>>, gena.ali@halton.ca <gena.ali@halton.ca<mailto:gena.ali@halton.ca>>, Gabrielle.Baldazzi@halton.ca <Gabrielle.Baldazzi@halton.ca<mailto:Gabrielle.Baldazzi@halton.ca>>, heide.schlegl@milton.ca <heide.schlegl@milton.ca<mailto:heide.schlegl@milton.ca>>, maureenv@haltonhills.ca <maureenv@haltonhills.ca<mailto:maureenv@haltonhills.ca>>, mary_morelle.stratychuk@bell.ca <mary_morelle.stratychuk@bell.ca<mailto:mary_morelle.stratychuk@bell.ca>>, lynanne.cane@cogeco.com <lynanne.cane@cogeco.com<mailto:lynanne.cane@cogeco.com>>, Amy.Vandendool@enbridge.com <Amy.Vandendool@enbridge.com<mailto:Amy.Vandendool@enbridge.com>>, russ.mclean@enbridge.com <russ.mclean@enbridge.com<mailto:russ.mclean@enbridge.com>>, Brian.Mccormick@HydroOne.com <Brian.Mccormick@HydroOne.com<mailto:Brian.Mccormick@HydroOne.com>>, utility.circulation@zayo.com <utility.circulation@zayo.com<mailto:utility.circulation@zayo.com>>, dgadbois@uniongas.com <dgadbois@uniongas.com<mailto:dgadbois@uniongas.com>>, land@interpipeline.com

<land@interpipeline.com<mailto:land@interpipeline.com>>, franklasowski@miltonhydro.com
<franklasowski@miltonhydro.com<mailto:franklasowski@miltonhydro.com>>, steve.andrews@rco.rogers.com
<steve.andrews@rco.rogers.com<mailto:steve.andrews@rco.rogers.com>>, dmatthews@haltonhillshydro.com
<dmatthews@haltonhillshydro.com<mailto:dmatthews@haltonhillshydro.com>>, marion.wright@rco.rogers.com
<marion.wright@rco.rogers.com<mailto:marion.wright@rco.rogers.com>>, janice.hayes@cogeco.com
<janice.hayes@cogeco.com<mailto:janice.hayes@cogeco.com>>, lacroixk@haltonbus.ca
<lacroixk@haltonbus.ca<mailto:lacroixk@haltonbus.ca>>, tony.dalessandro@milton.ca
<tony.dalessandro@milton.ca<mailto:tony.dalessandro@milton.ca>>, elyse.hosein@halton.ca
<elyse.hosein@halton.ca<mailto:elyse.hosein@halton.ca>>, dave.pratt@milton.ca
<dave.pratt@milton.ca<mailto:dave.pratt@milton.ca>>, barb.koopmans@milton.ca
<barb.koopmans@milton.ca<mailto:barb.koopmans@milton.ca>>, paul.cripps@milton.ca
<paul.cripps@milton.ca<mailto:paul.cripps@milton.ca>>, john.brophy@milton.ca
<john.brophy@milton.ca<mailto:john.brophy@milton.ca>>, Murray, Gordon
<gordon.murray@stantec.com<mailto:gordon.murray@stantec.com>>, Reid, Jeffrey
<Jeffrey.Reid@halton.ca<mailto:Jeffrey.Reid@halton.ca>>, Larkin, Ann
<Ann.Larkin@halton.ca<mailto:Ann.Larkin@halton.ca>>
Subject: Technical Agency Committee Meeting #1 - Regional Road 25 Municipal Class Environmental Assessment Study - Steeles Avenue to 5 Side Road, Town of Milton/Halton Hills, Halton Region

Halton Region has initiated a Municipal Class Environmental Assessment (MCEA) Study to consider options for transportation corridor improvements to satisfy future travel demands to 2031 on the Regional Road 25 corridor between Steeles Avenue (Regional Road 8) and 5 Side Road.

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If you have any questions, please feel free to contact Mr. Gord Murray, at gordon.murray@stantec.com<mailto:gordon.murray@stantec.com> or 519-585-7358.

From:	Cliff Lee
To:	Burnard, Paula
Subject:	Declined: Technical Agency Committee Meeting #1 - Regional Road 25 Municipal Class Environmental Assessment Study - Steeles Avenue to 5 Side Road, Town of Milton/Halton Hills, Halton Region
Start:	Thursday, February 22, 2018 10:00:00 AM
End:	Thursday, February 22, 2018 12:00:00 PM
Location:	Halton Region, 1151 Bronte Road, Oakville ON – Glen Lawson/Mansewood Rooms (Upper Level)

Hello
TNPI has no facilities north of the QEW across Halton.

From:	Eastern Region Crossing
To:	Burnard, Paula
Cc:	Eastern Region Crossing
Subject:	RE: Technical Agency Committee Meeting #1 - Regional Road 25 Municipal Class Environmental Assessment Study - Steeles Avenue to 5 Side Road, Town of Milton/Halton Hills, Halton Region
Date:	Tuesday, February 20, 2018 11:42:52 AM

Hello Paula

The scope of the project is outside of Enbridge Pipelines Inc. facilities, Enbridge has no comments or concerns.

Regards

Maria Bradley
Crossings Analyst, Land Services
—

ENBRIDGE PIPELINES INC.

Crossings TEL: 1-800-668-2951
TEL: 519 333 6785| FAX: 519 339 0510
1086 Modeland Road, Building 1050 1st Flr, Sarnia, ON N7S 6L2

enbridge.com
Integrity. Safety. Respect.

-----Original Appointment-----
From: Burnard, Paula [mailto:Paula.Burnard@stantec.com]
Sent: Friday, February 16, 2018 3:09 PM
To: michael.vallins@cn.ca; solange.desautels@ontario.ca; geoff.currie@ontario.ca; mark.parisotto@ontario.ca; robyn.kasha@ontario.ca; paul.heeney@ontario.ca; bohdan.kowalyk@ontario.ca; laura.e.hatcher@ontario.ca; Dan.Minkin@Ontario.ca; joseph.lai@ontario.ca; Miao.Zhou@ontario.ca; pauline.vanroon@ontario.ca; fayyaz.siddiqui@ontario.ca; lisa.myslicki@infrastructureontario.ca; pbond@hrca.on.ca; veermanl@hdsb.ca; cathy.robertson@halton.ca; Markek.Braczek@halton.ca; Stirling.Todd@halton.ca; Bob.Wicklund@halton.ca; Keenan.Lane@halton.ca; Greg.Sage@halton.ca; robin.garell@halton.ca; Stephen.Tanner@haltonpolice.ca; Paul.Davies@haltonpolice.ca; gena.ali@halton.ca; Gabrielle.Baldazzi@halton.ca; heide.schlegl@milton.ca; maureenv@haltonhills.ca; mary_morelle.stratychuk@bell.ca; lynanne.cane@cogeco.com; Amy Robinson; Russ Mclean; Brian.Mccormick@HydroOne.com; utility.circulation@zayo.com; Dave Gadbois; land@interpipeline.com; franklasowski@miltonhydro.com; steve.andrews@rco.rogers.com; dmatthews@haltonhillshydro.com; marion.wright@rco.rogers.com; janice.hayes@cogeco.com; lacroixk@haltonbus.ca; tony.dalessandro@milton.ca; elyse.hosein@halton.ca; dave.pratt@milton.ca; barb.koopmans@milton.ca; paul.cripps@milton.ca; john.brophy@milton.ca; Murray, Gordon; Reid, Jeffrey; Larkin, Ann; Paul.Kesner@ontario.ca; clee@tnpi.ca; meagan.charland@milton.ca; Frank.Dieterman@infrastructureontario.ca; marek.braczek@halton.ca; arlene.tungol@hydroone.com; steve.andrews@rci.rogers.com; marion.wright@rci.rogers.com
Cc: Frankovich, Tanya (MCSCS); Christopher Hale; Green-Battiston, Melissa; Moore, Keith; mike.timbers@milton.ca; Eastern Region Crossing; Abul-Fotouh, Tarek; Amy Robinson; McQuay, Amanda
Subject: [External] Technical Agency Committee Meeting #1 - Regional Road 25 Municipal Class Environmental Assessment Study - Steeles Avenue to 5 Side Road, Town of Milton/Halton Hills, Halton Region
When: Thursday, February 22, 2018 10:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Halton Region - 1151 Bronte Road, Oakville - Glen Lawson/Mansewood Room (Upper Level)

An invite with the incorrect location (Concorde) was inadvertently sent out earlier today. Please disregard that invite. The date, time and location has not changed from the original invite sent:
February 22, 2018 from 10am – 12 noon
Halton Region
1151 Bronte Road, Oakville
Glen Lawson/Mansewood Room (Upper Level)

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If you have any questions, please feel free to contact Mr. Gord Murray, at gordon.murray@stantec.com or 519-585-7358.
<< File: RR 25 - TAC #1 (Agenda).pdf >>

Ministry of the Environment, Conservation and Parks

Central Region

5775 Yonge Street, 8th floor
North York ON M2M 4J1
Tel.: 416 326-6700
Fax.: 416 325-6345

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Région du Centre

8e étage, 5775, rue Yonge
North York ON M2M 4J1
Tél. : 416 326-6700
Téléc. : 416 325-6345

Ontario

June 13, 2019

To: Paula Burnard, Senior Environmental Planner, Stantec

From: Trevor Bell, Regional Environmental Assessment Coordinator, MECP

Subject: Technical Support Air Quality Comments
Regional Road 25 Transportation Corridor Improvements
Potential Air Quality Impact due to Proposed Improvements
May 15, 2019

In response to Stantec's memo *Potential Air Quality Impact due to Proposed Improvements* (the Report), the ministry requested that a more comprehensive quantitative assessment be completed for the final Environmental Study Report. The additional detail would assess impacts at sensitive receptors and compare the sum of maximum predicted concentrations with background conditions against the AAQCs and the CAAQS.

The purpose of the Environmental Assessment is to assess all potential impacts of the proposed project on human health and the environment. It is standard practice that proponents conduct a quantitative Air Quality Impact Assessment for road widenings of 4 to 6 lanes for single occupancy vehicle use.

However, after careful consideration, the ministry has taken into account that this project is located within the Milton 401 Industrial/Business Park with few sensitive receptors, and that the project is required to alleviate traffic congestion partially caused by the current widening of the Hwy 401 overpass.

Please refer to the following comments for your consideration:

1. Potential air quality impacts on the identified receptors from the proposed project must be assessed. This assessment may be completed by modelling traffic emissions only at the identified receptor locations, or by using previously modelled results from another project with similar traffic volumes and percentage of heavy vehicles. The Report should include estimated concentrations of contaminants of concern at the sensitive receptor locations for the future build scenario.

2. The Report should be revised to address the following:

a. In addition to the NAPS stations, the Report should include data from the AQHI station at Toronto West (Station No. 35125) for background concentrations as this station is representative of an area with heavy traffic.
b. The Report should include additional documentation which supports the statement that the project will have a net benefit on air quality. This information should include more detail on improved transit accessibility and connectivity of the proposed Multi Use Pathways and bike lanes with other areas of Halton Region.
c. The Report should clarify if any residential development is planned for the study area. If so, impacts on future sensitive receptors should also be assessed.
d. A discussion on mitigation measures, particularly in the areas near the existing sensitive receptors, should also be included.

Should you have any questions or concerns, please do not hesitate to contact Amanda Graham, Air Quality Analyst, at (416) 326-5745, and copy me on your correspondence.

Sincerely,

Trevor Bell
Regional EA Coordinator
Central Region, Technical Support Section
Ministry of the Environment, Conservation and Parks

cc. Paul Martin, Supervisor, Technical Support Section, CR, MECP
Amanda Graham, Air Quality Analyst, Technical Support Section, CR, MECP
Marinha Antunes, Air Quality Analyst, Technical Support Section, CR, MECP

Ministry of the Environment, Conservation and Parks

Central Region

5775 Yonge Street, 8th floor
North York ON M2M 4J1
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Ministère de l'Environnement, de la Protection de la nature et des Parcs

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North York ON M2M 4J1
Tél. : 416 326-6700
Téléc. : 416 325-6345

Ontario

June 19, 2019

To: Paula Burnard, Senior Environmental Planner, Stantec

From: Trevor Bell, Regional Environmental Assessment Coordinator, MECP

Subject: Technical Support Air Quality Comments
Regional Road 25 Transportation Corridor Improvements
Air Quality Impact Assessment Requirements

Environmental Assessments (EA) involving road widenings of 4 to 6 lanes for single occupancy vehicles typically require a full Air Quality Impact Assessment (AQIA) as described in the ministry's Notice of Commencement response (February 12, 2018). As per the ministry's May 15th response to Stantec, a full AQIA was originally requested. However additional discussions with Stantec on the requirements and merit of a full AQIA have taken place considering the nature of the project, including improved traffic flow and location within an industrial area.

As an alternative to the full AQIA, the ministry has previously allowed modelling for only the area of expected maximum impact in cases where EAs may have a small expected impact in general but a larger impact in one or more specific areas. Though the study area for this EA is largely industrial/commercial, the existing daycare is considered a critical receptor, which does require predicted impacts to be estimated.

This partial AQIA or "hot spot" analysis would provide a maximum predicted concentration of contaminants of concern. It would also sum the maximum concentration with background data for comparison against the Ambient Air Quality Criteria. Therefore, while modelling of the entire study corridor is not required, a quantitative assessment of maximum predicted air quality impacts for the Future Build and Future No-Build scenarios could be provided.

While the "hot spot" assessment is the ministry's preferred approach in this case, Stantec proposed to assess air quality impacts by quantifying emissions from the predicted number of vehicles expected to be idling near the daycare. If Stantec can demonstrate that such an approach would sufficiently quantify potential air quality impacts for the Future Build and Future No-Build scenarios, this approach may be acceptable for this project only.

Should you have any questions or concerns, please do not hesitate to contact me at (416) 326-3577.

Sincerely,

Trevor Bell
Regional EA Coordinator
Central Region, Technical Support Section
Ministry of the Environment, Conservation and Parks

cc. Paul Martin, Supervisor, Technical Support Section, CR, MECP
Amanda Graham, Air Quality Analyst, Technical Support Section, CR, MECP
Marinha Antunes, Air Quality Analyst, Technical Support Section, CR, MECP
Connie Lim, Air Quality Analyst, Stantec

From:	Bell, Trevor (MECP)
To:	Burnard, Paula
Cc:	Martin, Paul (MECP); Graham, Amanda (MECP); Lim, Connie; Reid, Jeffrey; Larkin, Ann; Murray, Gordon; Moura, David; Chen, Boris
Subject:	RE: AQIA Requirements - Regional Road 25 Class EA
Date:	Wednesday, September 11, 2019 10:01:01 AM

Hi Paula,

Thanks for your email. We have reviewed the revised memo and found that our comments have been addressed.

We have no further comments at this time. Thank you for the opportunity to review the Regional Road 25 Class EA and the Air Quality memo.

Sincerely,

Trevor Bell, B.Sc., M.Env.

Environmental Resource Planner and EA Coordinator
Technical Support Section | Central Region
Ministry of the Environment, Conservation and Parks
5775 Yonge St., 8th Floor
Toronto, ON M2M 4J1
T: 416-326-3577
E: trevor.bell@ontario.ca

From: Burnard, Paula <Paula.Burnard@stantec.com>
Sent: September-10-19 4:48 PM
To: Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>
Cc: Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Graham, Amanda (MECP) <Amanda.Graham@ontario.ca>; Lim, Connie <Connie.Lim@stantec.com>; Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Larkin, Ann <Ann.Larkin@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>; Moura, David <David.Moura@stantec.com>; Chen, Boris <Boris.Chen@stantec.com>
Subject: RE: AQIA Requirements - Regional Road 25 Class EA

Hi Trevor,
Thank you for your comments. Please see our responses below and the final memo for your records.

Comment 1:
Monitoring data from all the selected monitoring stations listed in Table 2 were assessed to determine the background concentrations presented in Table 3. For contaminants with monitoring data from more than one monitoring station, the maximum concentrations (calculated as described in Section 2) from the list of selected stations were used. Section 2 (pages 3 and 4 of the memo) has been updated to clarify this.

Comment 2:

As requested, a summary of MOVES input parameters is provided in Attachment C.

Comment 3:
The ESR will include a commitment to apply best management practices to mitigate any air quality impacts caused by construction dust and will recommend that non-chloride dust suppressants be applied.

Thank you for your time to review this memo in detail with us.

Regards,
Paula

Paula Burnard, MScPl, MCIP, RPP
Associate, Senior Environmental Planner
Environmental Team Lead - Transportation
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
Mobile: 226-926-6682
paula.burnard@stantec.com

From: Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>
Sent: Friday, September 06, 2019 1:15 PM
To: Burnard, Paula <Paula.Burnard@stantec.com>
Cc: Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Graham, Amanda (MECP) <Amanda.Graham@ontario.ca>; Lim, Connie <Connie.Lim@stantec.com>
Subject: RE: AQIA Requirements - Regional Road 25 Class EA

Hi Paula,

Please see attached for our comments on the Air Quality report.

Best regards,
Trevor

Trevor Bell, M.Env.
Environmental Resource Planner and EA Coordinator
Technical Support Section | Central Region
Ministry of the Environment, Conservation and Parks
5775 Yonge St., 8th Floor
Toronto, ON M2M 4J1
T: 416-326-3577
E: trevor.bell@ontario.ca

From: Burnard, Paula <Paula.Burnard@stantec.com>
Sent: September-04-19 10:00 AM
To: Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>
Subject: RE: AQIA Requirements - Regional Road 25 Class EA

Hi Trevor
I just thought I would check in with you to see if you had any questions on the revised AQ memo submitted.
Thank you!
Paula

Paula Burnard, MScPl, MCIP, RPP
Associate, Senior Environmental Planner
Environmental Team Lead - Transportation
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
Mobile: 226-926-6682
paula.burnard@stantec.com

From: Burnard, Paula
Sent: Friday, August 30, 2019 10:48 AM
To: 'Bell, Trevor (MECP)' <Trevor.Bell@ontario.ca>
Cc: Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Antunes, Marinha (MECP) <marinha.antunes@ontario.ca>; Graham, Amanda (MECP) <Amanda.Graham@ontario.ca>; Lim, Connie <Connie.Lim@stantec.com>; 'Reid, Jeffrey' <Jeffrey.Reid@halton.ca>; Larkin, Ann <Ann.Larkin@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>; Moura, David <David.Moura@stantec.com>
Subject: RE: AQIA Requirements - Regional Road 25 Class EA

Hi Trevor,
Please see the attached revised memo for MECP review to address comments received earlier in the summer. We appreciate your time and comments.
Thank you,
Paula

Paula Burnard, MScPl, MCIP, RPP
Associate, Senior Environmental Planner
Environmental Team Lead - Transportation
Stantec
600-171 Queens Avenue London ON N6A 5J7
Phone: 519-675-6666
Mobile: 226-926-6682
paula.burnard@stantec.com

From: Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>
Sent: Wednesday, June 19, 2019 1:56 PM
To: Burnard, Paula <Paula.Burnard@stantec.com>
Cc: Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Antunes, Marinha (MECP) <marinha.antunes@ontario.ca>; Graham, Amanda (MECP) <Amanda.Graham@ontario.ca>; Lim, Connie <Connie.Lim@stantec.com>
Subject: AQIA Requirements - Regional Road 25 Class EA

Hi Paula,

Please see attached for a letter regarding air quality assessment requirements for the above mentioned project.

As always feel free to contact me directly if you have any questions or concerns.

Sincerely,

Trevor Bell, M.Env.

Environmental Resource Planner and EA Coordinator
Technical Support Section | Central Region
Ministry of the Environment, Conservation and Parks
5775 Yonge St., 8th Floor
Toronto, ON M2M 4J1
T: 416-326-3577
E: trevor.bell@ontario.ca

Stantec Consulting Ltd.
600-171 Queens Avenue, London ON N6A 5J7

September 12, 2019
File: EA 01-06-05

Attention: Trevor Bell, Regional Environmental Assessment Coordinator
Ministry of the Environment, Conservation and Parks
Air, Pesticides, and Environmental Planning
5775 Yonge Street, Place Nouveau 9th Floor
Toronto ON M2M 4J1

Dear Mr. Bell,

Reference: Municipal Class Environmental Assessment Study
Regional Road 25 Transportation Corridor Improvements from Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Response to Letter Dated February 12, 2018

I am writing in follow-up to correspondence dated February 12, 2018, regarding the Halton Region Municipal Class Environmental Assessment (MCEA) Study for improvements to Regional Road 25 from Steeles Avenue (Regional Road 8) to 5 Side Road, in the Town of Milton and Town of Halton Hills. Halton Region has retained Stantec Consulting Ltd. to complete this MCEA Study. The proposed improvements include widening Regional Road 25 from 4 lanes to 6 lanes including on-road bicycle lanes and a multi-use path on both sides of the corridor.

The purpose of this letter is to identify and address the Ministry of the Environment, Conservation and Parks' (MECP) areas of interest that are applicable to the project.

The study area falls within the Halton Region Source Protection Area (SPA). The Source Protection Information Atlas mapping tool was utilized to determine if the study area occurs within a vulnerable area. No vulnerable areas occur within, or adjacent to the study area for this project. This will be identified in the Environmental Study Report (ESR).

During the assessment of alternative solutions and alternative designs, the project's expected production of greenhouse gas emissions, and the resilience or vulnerability of the undertaking to changing climatic conditions will be considered. A section on climate change will be included in the ESR to address these considerations.

Applicable plans and policies, including the Growth Plan for the Greater Golden Horseshoe, will be referenced in the ESR, along with a description of how the study adheres to the relevant plans and policies. Several plans are not applicable to this study, including the Oak Ridges Moraine Conservation Plan, Niagara Escarpment Plan, Greenbelt Plan, and Lake Simcoe Protection Plan. These plans will not be referenced in the ESR.

An Air Quality Assessment to provide an opinion on the potential impact on air quality associated with the project was completed. A summary of the Air Quality Assessment will be included in the ESR, and potential mitigation measures, if required. Dust and noise control measures during construction will be addressed during detail design.

Reference: Municipal Class Environmental Assessment Study
Regional Road 25 Transportation Corridor Improvements from Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Response to Letter Dated February 12, 2018

Noise modelling was carried out to compare the potential increase in noise level (forecast to 2031 traffic conditions) as a result of the proposed Regional Road 25 improvements. Three receiver locations were identified throughout the study area, including private residential houses on the west side of the corridor, located adjacent to or in close proximity to Regional Road 25. Findings from the noise analysis indicated that as a result of the proposed Regional Road 25 improvements, the receiver locations are not expected to experience an increase in noise level greater than 5 dBA. Therefore, the consideration of noise mitigation is not warranted under the MTO/MECP Noise Protocol.

Impacts to the natural environment were considered when developing and evaluating all design alternatives. A Natural Heritage report was prepared to characterize the significance and sensitivity of the natural features in the Study Area, identify potential impacts of the project on these natural features, and to recommend appropriate mitigation measures to avoid or minimize potential negative impacts. A summary of this report will be provided in the ESR with a commitment to submit an Information Gathering Form to the Ministry of Natural Resources and Forestry (MNRF) during the detail design phase to determine permit requirements.

A Stormwater Management report was prepared as part of the Class EA process and will be summarized in the ESR. Potential approval requirements for surface water taking or discharge, including either a Permit to Take Water (PTTW) or registration in the Environmental Activity and Sector Registry (EASR), will be identified in the ESR. Measures to mitigate impacts to surface water will also be identified in the ESR, including erosion and sediment control measures, and spill prevention and response measures.

Potential sources of soil contamination and will be summarized in the ESR. Required sampling and tests will be undertaken during detail design to determine contaminant levels in the study area. Methods to manage and dispose of contaminated soils, should they be found, will be determined during detail design. Spill prevention and response measures will be documented in the ESR.

The requirements of an Excess Materials Management Plan (EMMP) will be developed during detail design to outline appropriate soil management and disposal measures. The Management of Excess Soil Best Management Practices (BMP) will be utilized to develop the EMMP. The ESR will include a commitment that all waste generated will be disposed of in accordance with ministry requirements.

The requirement to obtain separate Environmental Compliance Approvals for stormwater management and sanitary sewers as part of the project will be included in the ESR commitments table.

Consultation is a major component of the Class EA process. As such, consultation with Indigenous communities, federal/provincial ministries, external agencies, stakeholders, and the public will be undertaken throughout the study. A Notice of Study Commencement and Notice of Public Information Centre (PIC) were sent to the aforementioned parties to provide information on the study. The first PIC was held on March 8, 2018, to review and obtain public input on the problem being addressed, background information, and planning alternatives being considered. The second PIC was held on

Reference: Municipal Class Environmental Assessment Study
Regional Road 25 Transportation Corridor Improvements from Steeles Avenue (Regional Road 8) to 5 Side Road, Town of Milton/Town of Halton Hills
Response to Letter Dated February 12, 2018

Tuesday, June 11, 2019. The ESR will document all stakeholder consultation efforts and will identify all concerns that are raised and how they are addressed by the project team throughout the study. All comments that are received will have any personal information redacted in accordance with the *Municipal Freedom of Information and Protection of Privacy Act* and will be included in the ESR.

Finally, the ESR will outline the Class EA process, including complete documentation of the planning process and decisions made throughout the study. The ESR will also summarize all supporting studies conducted during the Class EA process (e.g., natural heritage, noise, air quality), including existing conditions, potential impacts, and recommended mitigation measures. Permits and approvals required for the proposed improvements will be documented in the ESR.

Thank you for your interest in this project. Should you have any questions or concerns about the study, please do not hesitate to contact the undersigned.

Regards,

Stantec Consulting Ltd.

Paula Burnard, MScPl, MCIP, RPP
Senior Environmental Planner
Phone: 519-675-6666
paula.burnard@stantec.com

c. P. Martin, Supervisor, Technical Support Section – MECP
C. Hyde, Manager (A), Halton Peel District Office – MECP
J. Reid, Project Manager – Halton Region
G. Murray, Project Manager – Stantec Consulting Ltd.

Conservation Halton

905.336.1158
Fax: 905.336.7014
2596 Britannia Road West
Burlington, Ontario L7P 0G3
conservationhalton.ca

Protecting the Natural Environment from Lake to Escarpment

November 21, 2019

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy, Public Works
Halton Region
1151 Bronte Rd.
Oakville, ON
L6M 3L1

BY MAIL AND BY EMAIL

Dear Mr. Reid:

Re: Draft Environmental Study Report
Regional Road 25 Transportation Corridor Improvements from Steeles Avenue to 5 Side Road, Schedule C Municipal Class Environmental Assessment
Town of Milton and Town of Halton Hills
Region of Halton File: PR-3130
Conservation Halton File: MPR 708

Conservation Halton (CH) staff has reviewed the *DRAFT – Regional Road 25 Transportation Corridor Improvements from Steeles Avenue to 5 Side Road, Town of Milton/Town of Halton Hills, Environmental Study Report* (Stantec Consulting Limited, October 2019) and confirms its support of the document.

As outlined in the Detailed Design Commitments (Section 7.5) and Appendix F – Drainage/Stormwater Management, refinement of drainage areas, modelling (hydrologic and hydraulic) and culvert design will be required at the detailed design and CH permitting stage. This refinement will need to incorporate relevant information from ongoing studies in proximity to the proposed corridor improvements such as Conservation Halton's Floodplain Mapping Program work for Sixteen Mile Creek and the Maplehurst Correctional Complex Flood Mitigation Study.

A fluvial geomorphology study will also be required as part of the detailed design to evaluate and mitigate culvert lengthening impacts on stream planform, profile, and in-stream features. The study should also provide guidance on the proposed culverts, stream substrate and natural channel design for the portion of realigned watercourse. Updates to impacts and mitigation measures for aquatic and terrestrial habitat including fish and wildlife will also need to be incorporated in the detailed design.

Thank you for the opportunity to review and comment on the Regional Road 25 Transportation Corridor Improvements from Steeles Avenue to 5 Side Road Draft ESR. CH staff looks forward to working with Halton Region and the consultant team at the detailed design stage.

If you have any questions or require additional information please contact the undersigned at extension 2311.

Sincerely,

Matt Howatt
Coordinator/Environmental Planner
Regional Infrastructure Team

cc: Gordon Murray, Stantec Consulting (via e-mail)
Aurora McAllister, MECP (via e-mail)

Reid, Jeffrey

From: Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>
Sent: Friday, November 22, 2019 3:36 PM
To: Reid, Jeffrey
Subject: RE: Regional Road 25 MCEA Study - Draft ESR & Appendices

Hi Jeff,

I reviewed the draft ESR and we have no comments at this time. It is a highly detailed report and we appreciate the attention to detail with respect to MECP's areas of interest.

We look forward to receiving the Notice of Completion and final report when available.

Thanks
Trevor

From: Reid, Jeffrey
Sent: Friday, November 22, 2019 2:32 PM
To: Bell, Trevor (MECP)
Subject: FW: Regional Road 25 MCEA Study - Draft ESR & Appendices

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hi Trevor – did MECP have any comments regarding the Regional Road 25 draft ESR?

I've updated the link below (if required).

http://2big4email.halton.ca/en/downloadfiles.aspx?param=g9dCDU1Mt3nXVtTt3SjO8QeQuAleQuAl

Thanks,
Jeff

From: Reid, Jeffrey <Jeffrey.Reid@halton.ca>
Sent: Wednesday, October 09, 2019 3:26 PM
Cc: Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>
Subject: Regional Road 25 MCEA Study - Draft ESR & Appendices

Dear Agency,

Thank-you for your on-going participation in the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, within the Town of Milton/Town of Halton Hills.

The draft Environmental Study Report (ESR) and Appendices are ready for your review and comment (drop-boxed below):

http://2big4email.halton.ca/en/downloadfiles.aspx?param=YIHBXrEtqIP8Uml5IA5HPr0lvQeQuAleQuAl

The drop-box link expires on Wednesday, October 30, 2019.

The files include:

1_RR 25 - Draft ESR (to Agencies).pdf
2_RR 25 - Draft ESR Plates (to Agencies).pdf
3_A1_Public_Consultation.pdf
4_A2_Correspondence.pdf
5_A3_Meeting_Minutes.pdf
6_B_Transportation_Report.pdf
7_C_Natural_Heritage_Report.pdf
8_D_Cultural_Heritage_Report.pdf
9_E_Archaeological_Assessment_Report.pdf
10_F_Stormwater_Management_Report.pdf
11_G_Noise-Assessment.pdf
12_H_Air_Quality.pdf
13_Ia_Tree_Inventory.pdf
14_Ib_TreePresvPlan.pdf
15_J_Geotechnical_Report.pdf
16_K_Hydrogeological_Investigation.pdf

The Project Team requests any written comments (6-week review) by Friday, November 22, 2019.

Please do not hesitate to contact me if you have any questions or concerns.

After the 6-week Agency review period, it is the Region's intention to file the Notice of Study Completion.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II
Infrastructure Planning & Policy
Public Works
Halton Region
905-825-6000, ext. 7920 | 1-866-442-5866

Reid, Jeffrey

From: Zhou, Miao (MTO) <Miao.Zhou@ontario.ca>
Sent: Friday, November 29, 2019 3:03 PM
To: Reid, Jeffrey
Cc: Murray, Gordon; Muhammad, Iqbal (MTO); Khan, Moin (MTO)
Subject: RE: Regional Road 25 MCEA Study - Draft ESR & Appendices
Attachments: 1_RR_25_-_Draft_ESR_(to_Agencies) PAGE 35-36 401 Crossings.pdf

Hello Jeff:

Region and MTO already discussed and incorporated Region's plans at 401/RR25 (attached). We do not have any further comments at this time. I'd appreciate if you can continue involve us in this study.

Thank you,
Miao

From: Reid, Jeffrey
Sent: November-18-19 2:53 PM
To: Zhou, Miao (MTO)
Cc: Murray, Gordon ; Muhammad, Iqbal (MTO)
Subject: RE: Regional Road 25 MCEA Study - Draft ESR & Appendices

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hi Miao,

I've set-up the drop-box link (below).

http://2big4email.halton.ca/en/downloadfiles.aspx?param=g9dCDU1Mt3nXVtTt3SjO8QeQuAleQuAl

Please let me know if you have any problems downloading.

Thanks,
Jeff

From: Zhou, Miao (MTO) <Miao.Zhou@ontario.ca>
Sent: Monday, November 18, 2019 2:38 PM
To: Reid, Jeffrey <Jeffrey.Reid@halton.ca>
Cc: Murray, Gordon <gordon.murray@stantec.com>; Muhammad, Iqbal (MTO) <Iqbal.Muhammad@ontario.ca>
Subject: RE: Regional Road 25 MCEA Study - Draft ESR & Appendices

Hello Jeff,

Thank you for the reminder that comments are due this Friday.

The link is no longer open. Can you please resend?

Thanks
Miao

From: Reid, Jeffrey <Jeffrey.Reid@halton.ca>
Sent: October-09-19 3:26 PM
Cc: Reid, Jeffrey <Jeffrey.Reid@halton.ca>; Murray, Gordon <gordon.murray@stantec.com>
Subject: Regional Road 25 MCEA Study - Draft ESR & Appendices

Dear Agency,

Thank-you for your on-going participation in the Regional Road 25 Municipal Class Environmental Assessment (MCEA) Study from Steeles Avenue (Regional Road 8) to 5 Side Road, within the Town of Milton/Town of Halton Hills.

The draft Environmental Study Report (ESR) and Appendices are ready for your review and comment (drop-boxed below):

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5_A3_Meeting_Minutes.pdf
6_B_Transportation_Report.pdf
7_C_Natural_Heritage_Report.pdf
8_D_Cultural_Heritage_Report.pdf
9_E_Archaeological_Assessment_Report.pdf
10_F_Stormwater_Management_Report.pdf
11_G_Noise-Assessment.pdf
12_H_Air_Quality.pdf
13_Ia_Tree_Inventory.pdf
14_Ib_TreePresvPlan.pdf
15_J_Geotechnical_Report.pdf
16_K_Hydrogeological_Investigation.pdf

The Project Team requests any written comments (6-week review) by Friday, November 22, 2019.

Please do not hesitate to contact me if you have any questions or concerns.

After the 6-week Agency review period, it is the Region's intention to file the Notice of Study Completion.

Thanks,
Jeff

Jeffrey Reid, HBA, C.E.T., LET
Project Manager II

Infrastructure Planning & Policy
Public Works
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