

## **Appendix I: Agency Consultation**

- Fisheries and Oceans Canada
- Ministry of the Environment, Conservation and Parks
- Ministry of Natural Resources and Forestry
- Ministry of Citizenship and Multiculturalism  
(Previously Ministry of Tourism, Culture, and Sport)
- Conservation Halton
- Halton Region

## **Fisheries and Oceans Canada**

## Vijayakumar, Roslyn

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**From:** Talpur, Mir  
**Sent:** Tuesday, July 12, 2022 3:24 PM  
**To:** FPP.CA / PPP.CA (DFO/MPO)  
**Cc:** Syed Rizvi; Sinke, David; Felker, Bob  
**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

Hi Kyle,

Thank you for your response to the Notice of Study Commencement and Online Public Information Centre for McCraney Creek Bridge Replacement.

Based on the proposed works, a Request for Review form will need to be submitted to Fisheries and Oceans Canada to review the project. We will make a commitment in project's EA Report that this form should be completed and submitted to Fisheries and Oceans Canada during detailed design phase of the project, when more detailed information about project's proposed construction methodology has become available.

Feel free to let me know if you have any questions.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

**[www.woodplc.com](http://www.woodplc.com)**

**wood.**

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**From:** FPP.CA / PPP.CA (DFO/MPO) <fisheriesprotection@dfo-mpo.gc.ca>

**Sent:** Friday, June 24, 2022 11:04 AM

**To:** Talpur, Mir <mir.talpur@woodplc.com>

**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hello Mir,

Thank you for the notification of the McCraney Creek Bridge Replacement Municipal Class Environmental Assessment. The Department reviews projects (works, undertakings, or activities) being conducted in or near waterbodies that support fish. We also review project proposals for impacts to Species at Risk. We do not review notifications for administrative processes. Please visit our website at: <https://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html> to determine whether your project requires a review by the Department. If you determine that your project needs a review please complete and submit a Request for Review Form to: [FisheriesProtection@dfo-mpo.gc.ca](mailto:FisheriesProtection@dfo-mpo.gc.ca). If you have any questions feel free to contact us at: 1-855-852-8320.

Yours sincerely,

**Kyle Mataya**

**Biologist | Biologiste**

Fisheries and Oceans Canada | Pêches et Océans Canada

Ontario and Prairie Region | Région de l'Ontario et des Prairies

Fish and Fish Habitat Protection Program | Programme de protection du poisson et de son habitat

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** Friday, June 24, 2022 10:11 AM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Jill MacInnes <[jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

Good Morning,

This is a gentle reminder regarding the ongoing Public Information Centre for McCraney Creek Bridge Replacement Municipal Class Environmental Assessment (Schedule 'B'). Comments are being requested by **June 30, 2022**. Please refer to the [project webpage](#) for more information.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

**[www.woodplc.com](http://www.woodplc.com)**

The logo for Wood PLC, featuring the word "wood." in a bold, lowercase, sans-serif font.

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**From:** Talpur, Mir

**Sent:** Monday, June 6, 2022 1:50 PM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

Cc: Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Jill MacInnes <[jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

6 June 2022

## **McCraney Creek Bridge Replacement Notice of Study Commencement and Online Public Information Centre Municipal Class Environmental Assessment**

The Town of Oakville has initiated an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. The purpose of this email is to share the attached notice with you and invite you to participate in the upcoming Public Information Centre (PIC).

The Town is hosting a Public Information Centre to share the recommended solution for bridge replacement. Information materials will be available on the [project webpage](#), from **June 16 to June 30, 2022**. We encourage you to participate in the PIC by reviewing the information materials and providing any comments on the online comment form by **June 30, 2022**. You are also invited to attend the **Online Presentation on Tuesday, June 21, 2022, at 6 p.m.** where there will be an opportunity to ask any questions of the study team and provide comments. Please refer to the attached notice and visit project webpage for further details.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

**[www.woodplc.com](http://www.woodplc.com)**

The logo for Wood Group PLC, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid dot.

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Project File Report  
McCraney Creek Bridge Replacement  
Municipal Class Environmental  
Assessment

## **Ministry of the Environment, Conservation and Parks**

## Talpur, Mir

---

**From:** Talpur, Mir  
**Sent:** Thursday, October 27, 2022 7:55 AM  
**To:** Bell, Trevor (MECP)  
**Cc:** Syed Rizvi; Eric Chan; Sinke, David; Felker, Bob; Vijayakumar, Roslyn; Desautels, Solange (MECP); Dufresne, Tina (MECP)  
**Subject:** RE: McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

Hi Trevor - Thank you very much for taking the time to review the Draft Project File Report, and confirming that the MECP has no technical comments at this time.

We have included a commitment in the Project File Report to consult with the Ministry during detailed design phase to share the technical studies for review. As such, the team responsible for the next phase will be contacting the Ministry to share these reports.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner  
*He/Him*

M+ 1 647-545-8974  
**WSP E&I Canada Limited**

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP.

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**From:** Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>  
**Sent:** Wednesday, October 26, 2022 3:40 PM  
**To:** Talpur, Mir <mir.talpur@wsp.com>  
**Cc:** Syed Rizvi <syed.rizvi@oakville.ca>; Eric Chan <eric.chan@oakville.ca>; Sinke, David <david.sinke@wsp.com>; Felker, Bob <bob.felker@wsp.com>; Vijayakumar, Roslyn <roslyn.vijayakumar@wsp.com>; Shams, Aniq <aniqa.shams@wsp.com>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>; Dufresne, Tina (MECP) <Tina.Dufresne@ontario.ca>  
**Subject:** RE: McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good afternoon,

The ministry has reviewed the draft Project File Report for the above mentioned project. We understand the preferred alternative is to replace the existing bridge with a new structure with slightly adjusted ends to better align with the re-alignment of McCraney Creek Bridge.

The project aims to improve the safety and long-term stability of the bridge, as well as to address erosion issues and improve aquatic habitat in this section of McCraney Creek. We have no technical comments or concerns at this time. However, it is noted that the Natural Environment Assessment and other detailed technical investigations will be undertaken during the detail design phase. Therefore, the ministry would like to be consulted during the detail design phase. Please notify me when these reports are available.



Thank you for the opportunity to review the draft report.

Sincerely,

**Trevor Bell** | Regional Environmental Planner  
Project Review Unit, Environmental Assessment Branch  
Ministry of the Environment, Conservation and Parks  
5775 Yonge Street, 8<sup>th</sup> floor, Toronto ON, M2M 4J1  
New Phone: 437-770-3731 | [trevor.bell@ontario.ca](mailto:trevor.bell@ontario.ca)

---

**From:** Talpur, Mir <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Sent:** September 26, 2022 9:39 AM  
**To:** 'Talpur, Mir' <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Eric Chan <[eric.chan@oakville.ca](mailto:eric.chan@oakville.ca)>; Sinke, David <[david.sinke@wsp.com](mailto:david.sinke@wsp.com)>; Felker, Bob <[bob.felker@wsp.com](mailto:bob.felker@wsp.com)>; Vijayakumar, Roslyn <[roslyn.vijayakumar@wsp.com](mailto:roslyn.vijayakumar@wsp.com)>; Shams, Aniq <[aniqa.shams@wsp.com](mailto:aniqa.shams@wsp.com)>  
**Subject:** McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**  
**26 September 2022**

**McCraney Creek Bridge Replacement  
Municipal Class Environmental Assessment  
Draft Project File Report**

The Town of Oakville has is undertaking an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. A Public Information Centre was hosted from June 16 to June 30, 2022 to share the recommended solution for bridge replacement.

The Study Team has now prepared the “**Draft**” **Project File Report** for this Class EA Study. You are invited to review the draft report and provide any comments by **October 26, 2022**. After this review period, the Study Team will finalize the report and issue it for a formal 30-day review period along with a Notice of Completion.

Download Link:  [11- McCraney Creek Bridge - Draft Project File Report-26-09-2022](#)

Feel free to contact me if you encounter any issues with downloading the file, or if you prefer any other method of file transfer.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

He/Him

M+ 1 647-545-8974

E [mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)

WSP E&I Canada Limited

#

3450 Harvester Road, Suite 100  
Burlington, Ontario  
L7N 3W5 Canada

[wsp.com](http://wsp.com)

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP. #

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-LAEmHhHzdJzBITWfa4Hgs7pbKl

## Vijayakumar, Roslyn

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**From:** Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>  
**Sent:** Wednesday, March 16, 2022 2:19 PM  
**To:** Talpur, Mir  
**Cc:** Syed Rizvi; Sinke, David; Felker, Bob  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

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Hi Mir,

Based on the location of the project, the province has identified the following Indigenous communities that may be interested in the project:

- Mississaugas of the Credit First Nation
- Six Nations of the Grand River
  - Both the Haudenosaunee Confederacy Chiefs Council and the Haudenosaunee Development Institute.

Thanks,  
Trevor

**Trevor Bell** | Regional Environmental Planner  
*Project Review Unit, Environmental Assessment Branch*  
*Ministry of the Environment, Conservation and Parks*  
5775 Yonge Street, 8<sup>th</sup> floor, Toronto ON, M2M 4J1  
**New Phone: 437-770-3731** | [trevor.bell@ontario.ca](mailto:trevor.bell@ontario.ca)

---

**From:** Talpur, Mir <mir.talpur@woodplc.com>  
**Sent:** February 18, 2022 1:19 PM  
**To:** Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>  
**Cc:** Syed Rizvi <syed.rizvi@oakville.ca>; Sinke, David <david.sinke@woodplc.com>; Felker, Bob <bob.felker@woodplc.com>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

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Hi Trevor,

Thank you for confirming that our proposed approach is acceptable to the Ministry. I will be in touch to share project notices, as this study progresses.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

[www.woodplc.com](http://www.woodplc.com)



---

**From:** Bell, Trevor (MECP) <[Trevor.Bell@ontario.ca](mailto:Trevor.Bell@ontario.ca)>

**Sent:** Friday, February 18, 2022 12:01 PM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

Thanks for your email. I'm perfectly fine with your approach. I can request a list of potentially interested indigenous communities for your project now and provide it asap. After the Notice of Commencement is received I will send you the ministry's formal acknowledgement letter.

Thanks,  
Trevor

**Trevor Bell** | Regional Environmental Planner

*Project Review Unit, Environmental Assessment Branch*

*Ministry of the Environment, Conservation and Parks*

5775 Yonge Street, 8<sup>th</sup> floor, Toronto ON, M2M 4J1

**New Phone: 437-770-3731** | [trevor.bell@ontario.ca](mailto:trevor.bell@ontario.ca)

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** February 17, 2022 10:57 AM

**To:** Bell, Trevor (MECP) <[Trevor.Bell@ontario.ca](mailto:Trevor.Bell@ontario.ca)>; EA Notices to CRegion (MECP) <[eanotification.cregion@ontario.ca](mailto:eanotification.cregion@ontario.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hello Trevor,

The Town of Oakville has initiated an environmental assessment study for the replacement of McCraney Creek Bridge that is located on Lakeshore Road West over McCraney Creek immediately to the east of Fourth Line (please see figure at the end of this email). This Study will satisfy the

requirements of a Schedule 'B' project as outlined in the Municipal Class Environmental Assessment (Class EA) document (October 2000, as amended in 2015).

The McCraney Creek Bridge is concrete arch structure built in 1940 and was subsequently extended with a box culvert section. In July 2017, emergency work was undertaken to temporarily stabilize the road embankment slope as a result of the north-west wingwall collapse. Further erosion issues have been identified through bridge inspections. In addition, the structure conveys the water flows associated with 100-year storm event, however, modelling indicates that the bridge is overtopped by the Regional storm by approximately 1.40 m. Due to the condition of this crossing, it will require replacement.

This Class EA Study will build on and utilize information from previously completed reports that were developed as part of the Lakeshore Road West Improvements project, which was initiated in November 2016, as a Schedule 'C' Municipal Class EA Study. On July 6, 2021, the Town of Oakville Council held a [Special Council meeting](#), where the Town Council directed staff to terminate the Class EA for Lakeshore Road West improvements and directed the Town staff to proceed with a separate Class EA for the McCraney Creek Bridge Replacement using information, analysis and design from the Lakeshore Road West study. A Notice of Study Completion was not issued, and the Environmental Study Report for Lakeshore Road West improvements was not filed with the Ministry of the Environment, Conservation and Parks.

The plan for McCraney Creek Bridge Replacement, including alternatives considered and evaluated, were previously shared with the public, government agencies, Indigenous Nations, and key stakeholders as part of the consultation process completed for Lakeshore Road West Improvements project. This current Class EA Study is intended to utilize the previously completed work to fulfil the requirements of the Municipal Class EA process for McCraney Creek Bridge Replacement.

As part of this Class EA Study for McCraney Creek Bridge Replacement, consultation with the public, government agencies, Indigenous Nations, and key stakeholders will be completed to share the preferred solution for bridge replacement. Existing conditions within the Study Area, consultation process, project description, project's effects and proposed mitigation measures and next steps will be documented in a Project File Report, which will be made available for a formal public review period. A Notice of Study Completion will be issued at that time.

At this time, we have completed the attached Project Information Form for this Class EA Study. We would like to share this form with you to introduce the project and to obtain the Ministry's acknowledgement letter/email to confirm the Indigenous Nations that should be consulted for this Class EA Study. In addition, we would like to receive the Ministry's feedback regarding the Class EA approach outlined above.

We look forward to receiving your feedback.

### **Figure 1: Location of McCraney Creek Bridge**

## Talpur, Mir

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**From:** Syed Rizvi <syed.rizvi@oakville.ca>  
**Sent:** Thursday, July 14, 2022 4:37 PM  
**To:** Talpur, Mir  
**Subject:** FW: McCraney Creek Bridge Replacement - Schedule B Municipal Class EA  
**Attachments:** MECP Response\_Notice of Commencement\_McCraney Creek Bridge Replacement.pdf

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Fyi  
Syed

**Syed Rizvi, M.Sc., P. Eng**  
**Transportation Engineer**  
**Transportation and Engineering**  
Town of Oakville | 905-845-6601, ext.3981 | [www.oakville.ca](http://www.oakville.ca)

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**From:** Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>  
**Sent:** Thursday, July 14, 2022 3:37 PM  
**To:** Syed Rizvi <syed.rizvi@oakville.ca>  
**Cc:** Potter, Katy (MECP) <Katy.Potter@ontario.ca>; Dufresne, Tina (MECP) <Tina.Dufresne@ontario.ca>; david.sinke@woodplc.com  
**Subject:** McCraney Creek Bridge Replacement - Schedule B Municipal Class EA

**SECURITY CAUTION:** This email originated from outside of The Town of Oakville. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

Please find attached a letter from the Ministry of the Environment, Conservation and Parks, Environmental Approvals Branch, regarding the above mentioned project. Feel free to contact me directly with any questions or concerns you may have.

Sincerely,

**Trevor Bell** | Regional Environmental Planner  
*Project Review Unit, Environmental Assessment Branch*  
*Ministry of the Environment, Conservation and Parks*  
5775 Yonge Street, 8<sup>th</sup> floor, Toronto ON, M2M 4J1  
**New Phone: 437-770-3731** | [trevor.bell@ontario.ca](mailto:trevor.bell@ontario.ca)

Ministry of the Environment,  
Conservation and Parks

*Environmental Assessment Branch*

1<sup>st</sup> Floor  
135 St. Clair Avenue W  
Toronto ON M4V 1P5  
Tel.: 416 314-8001  
Fax.: 416 314-8452

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

*Direction des évaluations  
environnementales*

Rez-de-chaussée  
135, avenue St. Clair Ouest  
Toronto ON M4V 1P5  
Tél. : 416 314-8001  
Télec. : 416 314-8452



July 14, 2022

Syed Rizvi, M.Sc., P.Eng.  
Transportation Engineer  
Town of Oakville  
[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)

BY EMAIL ONLY

Re: **McCraney Creek Bridge Replacement  
Town of Oakville  
Schedule B Municipal Class Environmental Assessment  
Notice of Study Commencement**

Dear Mr. Rizvi,

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that the project is following the approved environmental planning process for a Schedule B project under the Municipal Engineers Association's Municipal Class Environmental Assessment (Class EA).

The 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 the applicable areas of interest can minimize potential delays to the project schedule.

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 MECP 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.

Based on information provided to date and the Crown's preliminary assessment the proponent is required to consult with the following communities who have been identified as potentially affected by the proposed project:

- Mississaugas of the Credit First Nation; and
- Six Nations of the Grand River (Both the Six Nations Elected Council and Haudenosaunee Confederacy Chiefs Council).

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](#)".

Additional information related to Ontario's *Environmental Assessment Act* is available online at: [www.ontario.ca/environmentalassessments](http://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 Assessment Branch under the following circumstances after initial discussions with the communities identified by MECP:

- Aboriginal or treaty rights impacts are identified to you by the communities;
- You have reason to believe that your proposed project may adversely affect an Aboriginal or treaty right;
- Consultation with Indigenous communities or other stakeholders has reached an impasse; or
- A Section 16 Order request is expected based on impacts to Aboriginal or treaty rights.

The MECP 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 you will be asked to play should additional steps and activities be required.

Once the report is finalized, the proponent must issue a Notice of Completion providing a minimum 30-day period during which documentation may be reviewed and comment and input can be submitted to the Proponent.

Please ensure that the Notice of Completion advises that outstanding concerns are to be directed to the proponent for a response, and that in the event there are outstanding concerns regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights, Section 16 Order requests on those matters should be addressed in writing to:

Minister David Piccini  
Ministry of Environment, Conservation and Parks  
777 Bay Street, 5<sup>th</sup> Floor  
Toronto ON M7A 2J3  
[minister.mecp@ontario.ca](mailto:minister.mecp@ontario.ca)

and



Director, Environmental Assessment Branch  
Ministry of Environment, Conservation and Parks  
135 St. Clair Ave. W, 1<sup>st</sup> Floor  
Toronto ON, M4V 1P5  
[EABDirector@ontario.ca](mailto:EABDirector@ontario.ca)

Please note the project cannot proceed until at least 30 days after the end of the public review period provided for in the Notice of Completion.

Further, the project may not proceed after this time if:

- a Section 16 Order request has been submitted to the ministry regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights; or
- the Director has issued a Notice of Proposed Order regarding the project.

The public can request a higher level of assessment on a project if they are concerned about potential adverse impacts to constitutionally protected Aboriginal and treaty rights. In addition, the Minister may issue an order on his or her own initiative within a specified time period. The Director will issue a Notice of Proposed Order to the proponent if the Minister is considering an order for the project within 30 days after the conclusion of the comment period on the Notice of Completion. At this time, the Director may request additional information from the proponent.

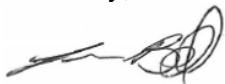
Once the requested information has been received, the Minister will have 30 days to make a decision or impose conditions on your project.

A draft copy of the report should be sent to me 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 ensure a copy of the final notice is sent to the ministry's Central Region EA notification email account ([eanotification.cregion@ontario.ca](mailto:eanotification.cregion@ontario.ca)) after the report is finalized.

Should you or your project team members have any questions regarding the material above, please contact me at [trevor.bell@ontario.ca](mailto:trevor.bell@ontario.ca).

Sincerely,



Trevor Bell  
Regional Environmental Planner

cc: Tina Dufresne, Manager, Halton Peel District Office, MECP  
Katy Potter, Supervisor (A), Project Review Unit, MECP  
David Sinke, Principle, Transportation Engineering, Wood

Attachments: Areas of Interest  
A Proponent's Introduction to the Delegation of Procedural Aspects of  
consultation with Aboriginal Communities

## AREAS OF INTEREST

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

### **Species at Risk**

- The Ministry of the Environment, Conservation and Parks has now assumed responsibility of Ontario's Species at Risk program. For any questions related to subsequent permit requirements, please contact [SAROntario@ontario.ca](mailto:SAROntario@ontario.ca).

### **Planning and Policy**

- Ontario has released "A Place to Grow: Growth Plan for the Greater Golden Horseshoe (2019)" which replaces the "Growth Plan for the Greater Golden Horseshoe (2017)". More information, including the Plan, is found here: <https://www.placestogrow.ca>.
- Parts of the study area may be subject to the [A Place to Grow: Growth Plan for the Greater Golden Horseshoe](#) (2019), [Oak Ridges Moraine Conservation Plan](#) (2017), [Niagara Escarpment Plan](#) (2017), [Greenbelt Plan](#) (2017) or [Lake Simcoe Protection Plan](#) (2014). Applicable policies should be referenced in the report, and the proponent should describe how the proposed project adheres to the relevant policies in these plans.
- The [Provincial Policy Statement](#) (2020) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the report, and the proponent should describe how the proposed project is consistent with these policies.

### **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.

- 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 report 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 report 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. 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 MECP.

#### □ **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](#)" (Guide).**

The Guide is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP'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 MECP expects proponents to:
  1. Consider 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 report 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.

- The MECP has also prepared another guide to support provincial land use planning direction related to the completion of energy and emission plans. The "[Community Emissions Reduction Planning: A Guide for Municipalities](#)" document is designed to educate stakeholders on the municipal opportunities to reduce energy and greenhouse gas emissions, and to provide guidance on methods and techniques to incorporate consideration of energy and greenhouse gas emissions into municipal activities of all types. We encourage you to review the Guide for information.

#### □ **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 report 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 as 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.
  
- The MECP 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 report 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 report 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 report must include enough 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 report 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 report 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 report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, except for certain water taking activities that 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. Please review the [Water Taking User Guide for EASR](#) for more information. Additionally, an Environmental Compliance Approval under the OWRA is required for municipal stormwater management works.

#### □ **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 report.

- If the potential construction or decommissioning of water wells is identified as an issue, the report 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 report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that 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. Please review the [Water Taking User Guide for EASR](#) for more information.

#### □ **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 appropriate MECP District Office for further consultation if contaminated sites are present.
- Any current or historical waste disposal sites should be identified in the report. 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 report. 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 report 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 MECP'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 [environmental land use planning guides](#) 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 report 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 report, as outlined in Section A.2.5 and A.4.1 of the MEA Class EA parent document.

## □ Consultation

- The report 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 SR 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 report 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, 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 Section 16 Order requests under the



*Environmental Assessment Act*, although the plan itself would not be.

- The report 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 report 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.
- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The report 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 report.
- Please include in the report a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including but not limited to, MECP's PTTW, EASR Registrations, ECAs, and Species at Risk permits, Conservation Authority permits, and approvals under the *Impact Assessment Act, 2019*.
- 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 report.

## A PROPONENT'S INTRODUCTION TO THE DELEGATION OF PROCEDURAL ASPECTS OF CONSULTATION WITH ABORIGINAL COMMUNITIES

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### 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.

Project File Report  
McCraney Creek Bridge Replacement  
Municipal Class Environmental  
Assessment

## **Ministry of Natural Resources and Forestry**

## Talpur, Mir

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**From:** Talpur, Mir  
**Sent:** Tuesday, October 18, 2022 1:30 PM  
**To:** Kennedy, Adam (MNRF)  
**Cc:** Syed Rizvi; Sinke, David; Felker, Bob  
**Subject:** RE: McCraney Creek Bridge Replacement - Mun EA - File Report

Hi Adam - Thank you very much for taking the time to review the Project File Report, and confirming that the MNRF has no further comments.

Project File Report includes a commitment to obtain authorization from the MNRF during detailed design phase. As such, the team responsible for the next phase will be contacting the Ministry to obtain the required authorization.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner  
*He/Him*

M+ 1 647-545-8974

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP.

---

**From:** Kennedy, Adam (MNRF) <Adam.Kennedy@ontario.ca>  
**Sent:** Tuesday, October 18, 2022 1:20 PM  
**To:** Talpur, Mir <mir.talpur@wsp.com>  
**Cc:** Syed Rizvi <syed.rizvi@oakville.ca>; Sinke, David <david.sinke@wsp.com>; Felker, Bob <bob.felker@wsp.com>; Kennedy, Adam (MNRF) <Adam.Kennedy@ontario.ca>  
**Subject:** RE: McCraney Creek Bridge Replacement - Mun EA - File Report

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

I have had the opportunity to review the Project File Report and other related documents for the McCraney Creek Bridge Replacement environmental assessment.

It is noted in the Report that authorization from MNRF per the *Fish and Wildlife Conservation Act* may be required prior to start of construction, as well as, required permits/approvals from Halton Conservation Authority, DFO, Halton Region and MECP for multiple aspects of the proposed project.

MNRF has no further comment at this time, but please circulate the MNRF when the detailed design report has been completed so the MNRF may confirm whether permits/authorizations are required and if so provide the process for how to obtain them.

If you have any questions please let me know.



Regards,  
Adam

**Adam Kennedy (he/him)**

Regional Planner  
Land Use Planning and Strategic Issues Section | Southern Region  
Ministry of Natural Resources and Forestry  
(705) 761-3374  
[Adam.Kennedy@Ontario.ca](mailto:Adam.Kennedy@Ontario.ca)

---

**From:** Kennedy, Adam (MNRF)  
**Sent:** September 29, 2022 4:02 PM  
**To:** Talpur, Mir <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@wsp.com](mailto:david.sinke@wsp.com)>; Felker, Bob <[bob.felker@wsp.com](mailto:bob.felker@wsp.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Mun EA - File Report

Thanks Mir,

I am able to access the documents from the link.

Regards,  
Adam

**Adam Kennedy (he/him)**

Regional Planner  
Land Use Planning and Strategic Issues Section | Southern Region  
Ministry of Natural Resources and Forestry  
(705) 761-3374  
[Adam.Kennedy@Ontario.ca](mailto:Adam.Kennedy@Ontario.ca)

---

**From:** Talpur, Mir <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Sent:** September 29, 2022 1:44 PM  
**To:** Kennedy, Adam (MNRF) <[Adam.Kennedy@ontario.ca](mailto:Adam.Kennedy@ontario.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@wsp.com](mailto:david.sinke@wsp.com)>; Felker, Bob <[bob.felker@wsp.com](mailto:bob.felker@wsp.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Mun EA - File Report

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hi Adam,

Thank you for your email. I have now shared access to the report with you. Could you please try accessing the following link and let me know if it works for you? Thanks

[11- McCraney Creek Bridge - Draft Project File Report-26-09-2022](#)

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
*He/Him*

M+ 1 647-545-8974

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP.

---

**From:** Kennedy, Adam (MNR) <[Adam.Kennedy@ontario.ca](mailto:Adam.Kennedy@ontario.ca)>  
**Sent:** Wednesday, September 28, 2022 4:27 PM  
**To:** [mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)  
**Subject:** McCraney Creek Bridge Replacement - Mun EA - File Report

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

Could you please add me to the contact list to be able to access the EA documents per the link forwarded re the McCraney Creek Bridge Replacement – Municipal EA – forwarded to MNR on September 26<sup>th</sup>.

My email to be added is: [adam.kennedy@ontario.ca](mailto:adam.kennedy@ontario.ca)

Thanks,  
Adam

**Adam Kennedy (he/him)**  
Regional Planner  
Land Use Planning and Strategic Issues Section | Southern Region  
Ministry of Natural Resources and Forestry  
(705) 761-3374  
[Adam.Kennedy@Ontario.ca](mailto:Adam.Kennedy@Ontario.ca)

**From:** Talpur, Mir <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Sent:** Monday, September 26, 2022 9:38:44 AM  
**To:** 'Talpur, Mir' <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Eric Chan <[eric.chan@oakville.ca](mailto:eric.chan@oakville.ca)>; Sinke, David <[david.sinke@wsp.com](mailto:david.sinke@wsp.com)>; Felker, Bob <[bob.felker@wsp.com](mailto:bob.felker@wsp.com)>; Vijayakumar, Roslyn <[roslyn.vijayakumar@wsp.com](mailto:roslyn.vijayakumar@wsp.com)>; Shams, Aniq <[aniqa.shams@wsp.com](mailto:aniqa.shams@wsp.com)>  
**Subject:** McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

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**26 September 2022**

**McCraney Creek Bridge Replacement  
Municipal Class Environmental Assessment  
Draft Project File Report**

The Town of Oakville has is undertaking an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. A Public Information Centre was hosted from June 16 to June 30, 2022 to share the recommended solution for bridge replacement.

The Study Team has now prepared the “**Draft**” **Project File Report** for this Class EA Study. You are invited to review the draft report and provide any comments by **October 26, 2022**. After this review period, the Study Team will finalize the report and issue it for a formal 30-day review period along with a Notice of Completion.

Download Link:  [11- McCraney Creek Bridge - Draft Project File Report-26-09-2022](#)

Feel free to contact me if you encounter any issues with downloading the file, or if you prefer any other method of file transfer.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

*He/Him*

M+ 1 647-545-8974

E [mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)

WSP E&I Canada Limited

3450 Harvester Road, Suite 100

Burlington, Ontario

L7N 3W5 Canada

[wsp.com](http://wsp.com)

tructure Solutions

Canada Limited was acquired by WSP.

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-LAEhHhHzdJzBITWfa4Hgs7pbKl

**Vijayakumar, Roslyn**

---

**From:** Talpur, Mir  
**Sent:** Tuesday, July 26, 2022 12:55 PM  
**To:** Fortini, Natosha (NDMNRF)  
**Cc:** Syed Rizvi; Sinke, David; Felker, Bob; Vijayakumar, Roslyn  
**Subject:** RE: McCraney Creek Bridge Replacement - Request for Information (MNDMNRF)

Hi Natosha,

Thank you for sharing Ministry's Natural Heritage Information Request Guide. We have reviewed the LIO/GeoHub (Aquatic Resource Area database), as well information fish community provided by Conservation Halton for McCraney Creek. Based on these information sources, we have identified the following fish species in McCraney Creek.

Based on the these fish species, we anticipate that the in-water works restriction window of March 15 to July 15 will apply. We would appreciate if you could please confirm this. Thank you.

<ul style="list-style-type: none"><li>• Common Shiner</li><li>• Creek Chub</li><li>• Fathead Minnow</li><li>• Longnose Dace</li><li>• Pumpkinseed</li><li>• Rainbow Darter</li><li>• Rainbow Trout</li></ul>	<ul style="list-style-type: none"><li>• White Sucker</li><li>• Blacknose Dace</li><li>• Bluntnose Minnow</li><li>• Lake Chub</li><li>• Mottled Sculpin</li><li>• Notropis sp.,</li><li>• River Chub</li></ul>
--	---

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)



---

**From:** Fortini, Natosha (NDMNRF) <Natosha.Fortini@ontario.ca>  
**Sent:** Friday, June 24, 2022 3:35 PM  
**To:** Talpur, Mir <mir.talpur@woodplc.com>  
**Subject:** RE: McCraney Creek Bridge Replacement - Request for Information (MNDMNRF)

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hello Mir,

Thank you for your request for information on natural heritage information. In order to provide the most efficient service possible, the attached *Natural Heritage Information Request Guide* has been developed to assist you with accessing natural heritage data and values from convenient online sources. Most, if not all, of the information you are requesting can be found online through LIO/GeoHub.

NDMNRF has no further comment on your information request at the present time. Once specific works are proposed, boundaries are known and potential impacts to specific features are identified, you may contact our office to request more detailed information. If you are looking for wetland and/or ANSI evaluations/field notes or fish dot files to help inform initial planning processes at a broader level, please send a request to our office for the specific features you are interested in so that we can provide the applicable information.

While NDMNRF is the provincial lead for setting timing window *guidelines* in the province, **we do not issue timing windows for projects where we do not have a review and approval role** under our own legislation (e.g. FWCA, PLA, LRIA, etc.). The agency(ies) responsible for the review and approval of the proposed works are responsible for setting the appropriate timing windows, and will do so while taking into consideration NDMNRF's guidelines. Where fish rescues are required, NDMNRF may issue a Licence to Collect Fish for Scientific Purposes, however, this timing window applies only to fish handling and not to in-water works. Please see the Ministry's timing window guidelines for in-water works [here](#). If you are in consultations with the Department of Fisheries and Oceans and/or the local conservation authority regarding working outside of the timing window guidelines and the applicable agency is looking for NDMNRF guidance, please have the appropriate staff member from the respective agency(ies) contact our office directly at [scp.aurora@ontario.ca](mailto:scp.aurora@ontario.ca).

It remains the proponent's responsibility to complete a preliminary screening for each project, to obtain available information from multiple sources, to conduct any necessary field studies, and to consider any potential environmental impacts that may result from an activity. We wish to emphasize the need for the proponents to complete screenings prior to contacting the Ministry or other agencies for more detailed technical information and advice.

The Ministry continues to work on updating data housed by Lands Information Ontario and the Natural Heritage Information Centre, and ensuring this information is accessible through online resources. The Ministry no longer has carriage of the Endangered Species Act. For species at risk information, please contact the Ministry of Environment, Conservation and Parks at [SAROntario@ontario.ca](mailto:SAROntario@ontario.ca).

Data housed by LIO and NHIC will assist in scoping the necessary field assessments for an area if development or site alteration is proposed. This information is not meant to replace the responsibility of the proponent to undertake species and / or habitat surveys. Surveys or additional site level assessment are often required to confirm presence or absence of natural heritage features and values. Environmental consulting firms have the professional and technical expertise to assess sites for natural heritage features and can gauge the potential for such features to exist.

Absence or lack of information for a given geographic area does not necessarily mean the absence of natural heritage features. Many areas in Ontario have never been surveyed and new plant and animal species records are still being discovered for many localities. In addition, new species may be listed and new natural heritage features may be defined over time. For these reasons, the Ministry cannot provide a definitive statement on the presence, absence or condition of natural heritage features in all parts of Ontario.

Thank you for your inquiry,

Natosha

**Natosha Fortini** (she/her) Listen to how my name is pronounced [here](#)

Management Biologist | Aurora District | Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry | 50  
Bloomington Rd. W., Aurora, ON, L4G 0L8 | P: 289-380-6181 | F: 905.713.7361 | [natosha.fortini@ontario.ca](mailto:natosha.fortini@ontario.ca)



---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** June 24, 2022 10:28 AM

**To:** Fortini, Natosha (NDMNRF) <[Natosha.Fortini@ontario.ca](mailto:Natosha.Fortini@ontario.ca)>; Varga, Steve (NDMNRF) <[steve.varga@ontario.ca](mailto:steve.varga@ontario.ca)>;  
Thompson, Dan L. (NDMNRF) <[Dan.L.Thompson@ontario.ca](mailto:Dan.L.Thompson@ontario.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob  
<[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Vijayakumar, Roslyn <[roslyn.vijayakumar@woodplc.com](mailto:roslyn.vijayakumar@woodplc.com)>

**Subject:** RE: McCraney Creek Bridge Replacement - Request for Information (MNDMNRF)

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good Morning,

I sent the following email to "[ESA.aurora@ontario.ca](mailto:ESA.aurora@ontario.ca)", but received an automated message that this email is not being monitored.

I would to request natural heritage information for McCraney Creek in the vicinity of Lakeshore Road and Fourth Line, in the Town of Oakville. I would appreciate if you could please share any natural heritage information requested below, or forward this request to the relevant staff that may be able to assist with this request. Many thanks in advance.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

[www.woodplc.com](http://www.woodplc.com)



---

**From:** Talpur, Mir

**Sent:** Thursday, June 23, 2022 3:18 PM

**To:** 'ESA.aurora@ontario.ca' <[ESA.aurora@ontario.ca](mailto:ESA.aurora@ontario.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Vijayakumar, Roslyn <[roslyn.vijayakumar@woodplc.com](mailto:roslyn.vijayakumar@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Request for Information (MNDMNRF)

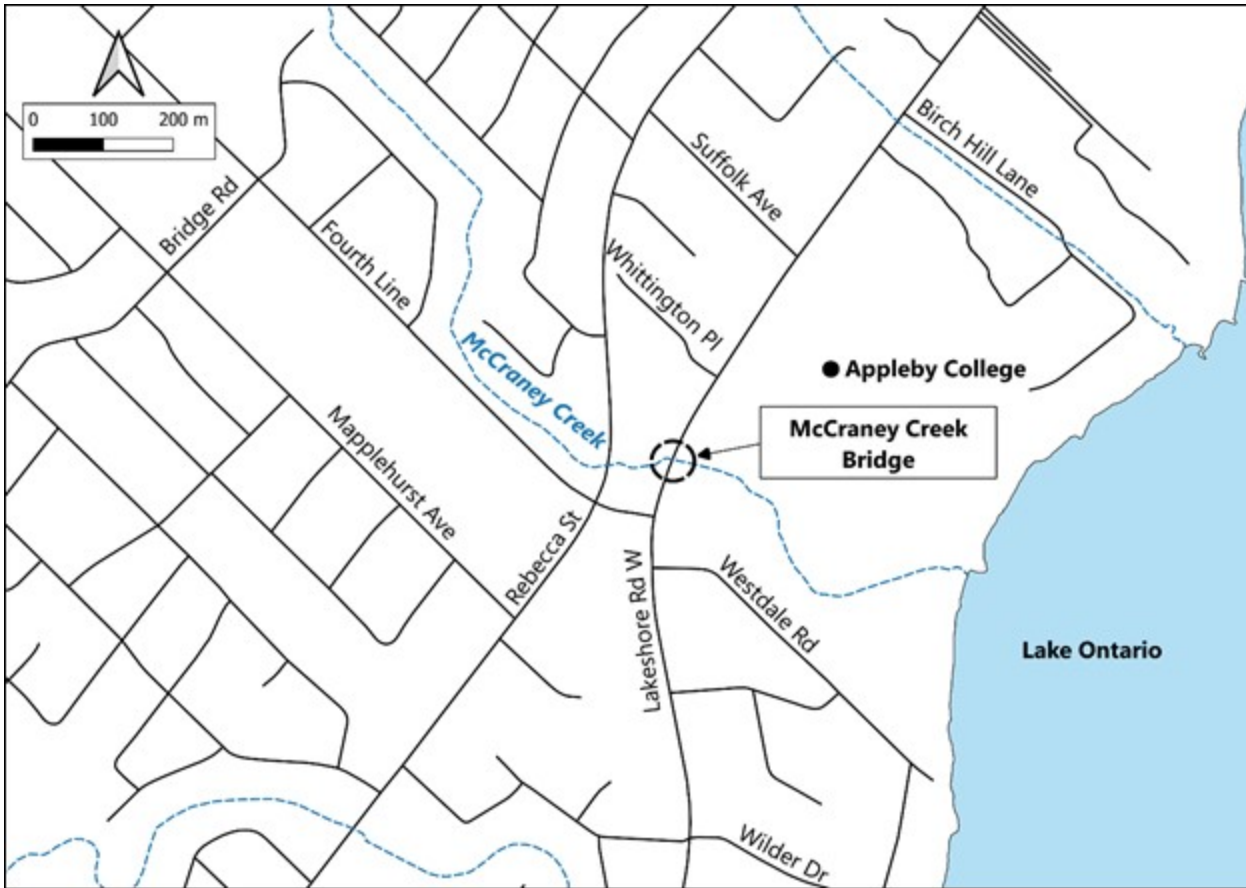
Good afternoon,

The Town of Oakville is undertaking an environmental assessment study for the replacement of the McCraney Creek bridge located on Lakeshore Road West, east of Fourth Line in the Town of Oakville (see map below). This Study will satisfy the requirements of a Schedule 'B' project as outlined in the Municipal Class Environmental Assessment (Class EA) document (October 2000, as amended in 2015).

We would like to request any natural heritage information for this site, including the following. Any information the Ministry staff is able to share, will be used as part of the EA Study.

- Fish Habitat Sensitivity;
- Habitat Information and Location;
- Fisheries Management Objectives/plans;
- Fish Community Records;
- In-water Timing Restrictions;
- Important Commercial or Recreation Fisheries;
- Thermal and Flow Regimes;
- Benthic Invertebrate data; and,
- Known fish spawning.

We understand that not all the information requested from the list above may be available; however, it would be greatly beneficial if you could please provide a response indicating which information can or will be provided. Any insight the Ministry can provide is greatly appreciated.



Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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**wood.**

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Project File Report  
McCraney Creek Bridge Replacement  
Municipal Class Environmental  
Assessment

**Ministry of Citizenship and Multiculturalism  
(Previously Ministry of Tourism, Culture, and Sport)**

## Talpur, Mir

---

**From:** Talpur, Mir  
**Sent:** Friday, November 4, 2022 11:55 AM  
**To:** Barboza, Karla (MCM)  
**Cc:** Hatcher, Laura (MCM); Syed Rizvi; Eric Chan; Sinke, David; Felker, Bob; Susan Schappert  
**Subject:** RE: McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies) [MCM File 0016854]  
**Attachments:** McCraney Bridge November 2022.pdf

Hi Karla,

Thank you for sharing Ministry of Citizenship and Multiculturalism (MCM)'s comments on the draft Project File Report for McCraney Creek Bridge Replacement.

It appears that the Ministry is satisfied with the proposed approach for archaeological assessment (Section 3.4.2). We have updated Section 7.4.2.2 and Section 8.2 of the report per your suggested wording below.

With regards to comments on Built Heritage Resources and Cultural Heritage Landscapes below (Section 3.4.1 and Section 7.4.1), please find attached a letter from Town's Heritage Planner (Susan Schappert). We plan to include this letter in the report, and trust that this addresses Ministry's comments. Susan has indicated that she would be happy to have a discussion with you if there are further concerns related to the need for a Cultural Heritage Evaluation Report (CHER).

If this is satisfactory, we will proceed to finalize the Project File Report and issue the Notice of Study Completion.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

*He/Him*

M+ 1 647-545-8974

**WSP E&I Canada Limited**

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP.

---

**From:** Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>  
**Sent:** Wednesday, October 26, 2022 2:13 PM  
**To:** Talpur, Mir <mir.talpur@wsp.com>  
**Cc:** Syed Rizvi <syed.rizvi@oakville.ca>; Eric Chan <eric.chan@oakville.ca>; Sinke, David <david.sinke@wsp.com>; Felker, Bob <bob.felker@wsp.com>; Vijayakumar, Roslyn <roslyn.vijayakumar@wsp.com>; Shams, Aniq <aniqa.shams@wsp.com>; Hatcher, Laura (MCM) <Laura.E.Hatcher@ontario.ca>  
**Subject:** RE: McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies) [MCM File 0016854]

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

Thanks for the opportunity to review the Draft Project File Report for the McCraney Creek Bridge Replacement Project in the Town of Oakville.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage has been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Individual staff roles and contact information remain unchanged.

MCM's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage.

### **Comments**

We have reviewed the Draft Project File Report (dated September 26, 2022 prepared by WSP E&I Limited) and have the following comments:

#### **Section 3.4.1 Built Heritage Resources and Cultural Heritage Landscapes**

Although a letter from the Town's Heritage Planner was included in Appendix A, it is not clear that staff have accepted the approach to not evaluate the bridge/culvert, which is over 80 years old. Please refer to our advice dated July 19, 2022 (see attached email).

#### **Section 3.4.2 Archaeological Resources**

The draft report informs that "the Town will complete a combined Stage 1 and 2 Archaeological Assessment as part of detailed design phase for the extended areas that were not previously assessed as part of the Lakeshore Road West Stage 1 Archaeological Assessment (2017)". This approach is acceptable to MCM.

#### **Section 7.4.1 Built Heritage Resources and Cultural Heritage Landscapes**

This section will need to be updated based on comments above (on Section 3.4.1).

#### **Section 7.4.2.2 Mitigation Measures and Table 8-1 Commitments for Technical Work**

The standard measures need to be updated as follows:

- Should previously undocumented archaeological resources be discovered, they may indicate a new archaeological site and therefore subject to Section 48 (1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and ~~inform the MHSTC~~ and engage a licensed consultant archaeologist to carry out archaeological assessment fieldwork, in compliance with Section 48 (1) of the Ontario Heritage Act.
- The Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with Ontario Regulation 30/11, the coroner shall notify ~~and~~ the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. ~~of Cemeteries at the Bereavement Authority of Ontario. If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416-326-8800) must be contacted.~~ In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism (MCM) ~~MHSTC~~ should also be notified (at [archaeology@ontario.ca](mailto:archaeology@ontario.ca)) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.

#### **8.2 Commitments for Permits and Approvals**

Although MCM does not have an approval role, but a regulatory role, the table should read as follows:

- Ministry of Citizenship and Multiculturalism – A combined Stage 1 and 2 Archaeological Assessment (and further stages of assessment, if recommended) will be submitted by the licensed archaeologist for the ministry’s review during the detailed design phase. A letter issued by the ministry indicating that archaeological concerns have been addressed and the report(s) have been entered into the Ontario Public Register of Archaeological Reports shall be obtained prior to any ground disturbing activities.

Thanks again for the opportunity to review the draft Project File Report. If you have any questions or require further clarification, please do not hesitate to contact us.

Sincerely,  
Karla

Karla Barboza MCIP, RPP, CAHP | Team Lead, Heritage  
Ministry of Citizenship and Multiculturalism  
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit  
T. 416. 660.1027 | Email: [karla.barboza@ontario.ca](mailto:karla.barboza@ontario.ca)

---

**From:** Talpur, Mir <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Sent:** September-26-22 9:39 AM  
**To:** 'Talpur, Mir' <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Eric Chan <[eric.chan@oakville.ca](mailto:eric.chan@oakville.ca)>; Sinke, David <[david.sinke@wsp.com](mailto:david.sinke@wsp.com)>; Felker, Bob <[bob.felker@wsp.com](mailto:bob.felker@wsp.com)>; Vijayakumar, Roslyn <[roslyn.vijayakumar@wsp.com](mailto:roslyn.vijayakumar@wsp.com)>; Shams, Aniq <[aniqa.shams@wsp.com](mailto:aniqa.shams@wsp.com)>  
**Subject:** McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

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**26 September 2022**

**McCraney Creek Bridge Replacement  
Municipal Class Environmental Assessment  
Draft Project File Report**

The Town of Oakville has is undertaking an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. A Public Information Centre was hosted from June 16 to June 30, 2022 to share the recommended solution for bridge replacement.

The Study Team has now prepared the “**Draft**” **Project File Report** for this Class EA Study. You are invited to review the draft report and provide any comments by **October 26, 2022**. After this review period, the Study Team will finalize the report and issue it for a formal 30-day review period along with a Notice of Completion.

Download Link:  [11- McCraney Creek Bridge - Draft Project File Report-26-09-2022](#)

Feel free to contact me if you encounter any issues with downloading the file, or if you prefer any other method of file transfer.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
*He/Him*

#

M+ 1 647-545-8974

E [mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)

WSP E&I Canada Limited  
3450 Harvester Road, Suite 100  
Burlington, Ontario  
L7N 3W5 Canada

[wsp.com](http://wsp.com)

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP.#

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-LAEmHhHzdJzBITWfa4Hgs7pbKl

## Vijayakumar, Roslyn

---

**From:** Talpur, Mir  
**Sent:** Tuesday, July 19, 2022 4:29 PM  
**To:** Hatcher, Laura (MTCS)  
**Cc:** Syed Rizvi; Susan Schappert; Felker, Bob; Sinke, David  
**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

Hi Laura,

Thank you very much for the prompt response. We really appreciate your review and advise on this matter.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

[www.woodplc.com](http://www.woodplc.com)

The logo for Wood PLC, featuring the word "wood." in a bold, dark blue, lowercase sans-serif font.

---

**From:** Hatcher, Laura (MTCS) <Laura.E.Hatcher@ontario.ca>  
**Sent:** Tuesday, July 19, 2022 4:00 PM  
**To:** Talpur, Mir <mir.talpur@woodplc.com>  
**Cc:** Syed Rizvi <syed.rizvi@oakville.ca>; Susan Schappert <susan.schappert@oakville.ca>; Felker, Bob <bob.felker@woodplc.com>; Sinke, David <david.sinke@woodplc.com>  
**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

Thank you for your detailed responses and the letter from Susan Schappert, Heritage Planner, Town of Oakville regarding the heritage status of the property. Please see my responses below.

### **Screening/evaluation of McCraney Creek Bridge**

I believe the application of the culvert criteria in the MEA Bridge Checklist is incorrect, as it applies to culverts/bridges that were built on or after 1956 (see preceding question in the checklist). The PIC presentation for this project states

that the bridge is over 80 years old. Therefore this should not be used to support the determination that a cultural heritage evaluation is not required.

MTCS recommends that a cultural heritage evaluation is prepared for the culvert since it appears it has not yet been evaluated. However, if you have consulted with the Town's Heritage Planning staff and they accept your approach not to evaluate the bridge, you could include this as supporting information in the EA reporting.

### **Archaeological Assessment**

Your approach to the additional archaeological assessment and the conditions you propose within the EA is acceptable to MTCS.

Thank you for discussing your approach with me. I hope these responses are of assistance. Please do not hesitate to reach out with any other questions.

Sincerely,

Laura

### **Laura Hatcher, MCIP, RPP**

Heritage Planner

Heritage Planning Unit | Programs and Services Branch | Heritage, Tourism and Culture Division

Ministry of Tourism, Culture and Sport

Tel. 437-239-3404 **New** | email: [laura.e.hatcher@ontario.ca](mailto:laura.e.hatcher@ontario.ca)

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** July 19, 2022 12:56 PM

**To:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>

**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hi Laura,

Please see below our responses to your comments in the email of June 24, 2022, in relation to the Public Information Centre for the Class Environmental Assessment for McCraney Creek Bridge Replacement. We look forward to receiving your response soon.

### **Identifying Cultural Heritage Resources**

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

A Cultural Heritage Assessment was developed as part of the Lakeshore Road West Class EA Study. This study identified cultural heritage properties nearby the subject bridge. This report was developed through a use of various information sources and input from Municipal Heritage staff. Relevant

information for nearby cultural heritage properties from this report will be incorporated into the EA Report.

### **Municipal Heritage Bridges: Cultural, Heritage & Archaeological Resources Assessment Checklist.**

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources. A Cultural Heritage Report was prepared for the Lakeshore Road West EA, but it is unclear if this bridge was evaluated as part of that study. If the bridge has not been evaluated, we recommend that the project team consults the Municipal Engineers Association screening criteria for work on bridges that falls under the Municipal Class EA. See the checklist and background material available online, developed in coordination with MTCS.

We have reviewed Municipal Engineers Association's "Municipal Heritage Bridges - Cultural, Heritage and Archaeological Resources Assessment Checklist" to determine the requirement for a cultural heritage evaluation for the bridge structure. The checklist notes that the following four structure types do not have heritage value: 1) Rigid Frame, 2) Precast with Concrete Deck, 3) Culvert and 4) Steel Beam/Concrete Deck.

The McCraney Creek Bridge structure falls within the category of a "Culvert", as per clarification provided in the Municipal Class Environmental Assessment - Companion Guide (2018). The document provides clarification on the difference between a bridge and a culvert and provides the following definition for a culvert: "A structure that forms an opening through an embankment". The completed checklist will be appended to the EA Report.

**On the basis of the foregoing, it is our determination that McCraney Creek Bridge is not subject to a cultural heritage evaluation.**

The Study Team also consulted with the Town's Heritage Planner to obtain input on this subject. On July 7, 2022, the Town's Heritage Planner provided a letter, confirming that McCraney Creek Bridge has no heritage status under the Ontario Heritage Act. It is not listed on the Oakville Register of Properties of Cultural Heritage Value or Interest (known as the Heritage Register) as a property of potential cultural value and/or interest and it is not designated under any part of the Ontario Heritage Act.

The letter from Town's Heritage Planner is attached to this email and will be appended to the EA Report.

### **Archaeological Assessment**

It is our understanding that the project team will be using the Stage 1 archaeological assessment (AA) that was prepared for the Lakeshore Road West EA study to inform this EA study. If the study area for this project includes lands that were not included in the previous AA, additional Stage 1 AA will be required.

The Stage 1 Archaeological Assessment prepared as part of the Lakeshore Road West Class EA assessed the area limited to the McCraney Creek Bridge Replacement. The Study Area for this project includes lands that extend beyond the area assessed as part of the previous Stage 1 Archaeological Assessment.

Apart from the above, our background review has identified that Halton Region completed a Stage 1 Archaeological Assessment in December 2010, in support of the Wastewater Pumping Station Master Plan for the Region. This report assessed all areas that encompass the entire Study Area for this



project and identified areas of archaeological potential that will be subject to Stage 2 Archaeological Assessment. This report can be accessed from this link ([2012 Wastewater Pumping Station Master Plan](#) - Appendix D). Please refer to page 85 of the pdf that shows areas of archaeological potential map – the project Study Area is to the far right, north of Pumping Station 24 and the Historic Homestead.

In light of the above information, the Town is committed to completing a combined Stage 1 and 2 Archaeological Assessment as part of detailed design phase for the extended areas that were not previously assessed as part of the Lakeshore Road West Stage 1 Archaeological Assessment. **Please advise if the Ministry would consider allowing the Town to defer the Stage 1 Archaeological Assessment for the extended area to detailed design phase. The Town is committed to include a number of commitments and mitigation measures in the EA Report.** The Study Team proposes the following commitments and mitigation measures to include in the EA Report:

*A combined Stage 1 and 2 Archaeological Assessment shall be completed during detailed design phase of this project. Additional stages of archaeological assessment may be required, based on the findings and recommendations of the Combined Stage 1 and 2 Archaeological Assessment. Archaeological concerns will not be considered addressed until all recommended archaeological assessments have been completed, and the reports have been entered onto the Ontario Public Registry of Archaeological Reports.*

*Additionally, the Town of Oakville is committed to continued engagement with the local Indigenous Nations. To continue to engage with the local Indigenous Nations, the Town of Oakville will invite the following Indigenous Nations to participate in the monitoring of the Stage 2 Archaeological Assessment fieldwork (and any additional archaeological assessment, if required) and report review:*

- *Mississaugas of the Credit First Nation*
- *Six Nations of the Grand River*
- *Haudenosaunee Development Institute, on behalf of Haudenosaunee Confederacy*

*Following standard measures will apply during construction:*

- *Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48 (1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and inform the MHSTCI and engage a licensed consultant archaeologist to carry out archaeological fieldwork, in compliance with Section 48 (1) of the Ontario Heritage Act.*
- *The Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33 requires that any person discovering human remains must notify the police or coroner and the Registrar of Cemeteries at the Bereavement Authority of Ontario. If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416-326-8800) must be contacted. In situations where human remains are associated with archaeological resources, MHSTCI should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.*

- *Archaeological sites recommended for further archaeological fieldwork or protection remain subject to Section 48 (1) of the Ontario Heritage Act and may not be altered, or have artifacts removed from them, except by a person holding an archaeological license.*

### **Environmental Assessment Reporting**

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. If the screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Comment noted. Available information related to cultural heritage and archaeological resources will be included in the EA Report, which will be shared with the Ministry for review.

Thank you for consulting MTCS on this project. Please continue to do so through the EA process and contact me for any questions or clarification.

The Study Team will continue to contact MTCS as the Class EA Study progresses. The next step in this Class EA Study will be sharing of the draft EA Report, followed by issuance of Notice of Study Completion and final EA Report.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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The logo for Wood, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid black dot.

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**From:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>

**Sent:** Friday, July 8, 2022 11:32 AM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Thanks Mir! Talk to you then.

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** July 8, 2022 10:55 AM

**To:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Laura,

Not a problem. Thank you very much for making yourself available on a very short notice. Too bad the technology didn't help today.

We will touch base with you the week of July 18. In the meantime, have a great vacation!

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

**[www.woodplc.com](http://www.woodplc.com)**



---

**From:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>

**Sent:** Friday, July 8, 2022 10:16 AM

**To:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** Re: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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I've tried dialing in on both my work and personal phones but no luck. They are both on the Rogers network and seem to be affected by the same issue.

Get [Outlook for iOS](#)

---

**From:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>

**Sent:** Friday, July 8, 2022 10:08:30 AM

**To:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>; Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Laura,

Please try dialing in since other member were running into same issue and are able to join in by calling in.

Thanks,  
Syed

**Syed Rizvi, M.Sc., P. Eng**  
**Transportation Engineer**  
**Transportation and Engineering**  
Town of Oakville | 905-845-6601, ext.3981 | [www.oakville.ca](http://www.oakville.ca)

**Vision: To be the most livable town in Canada**

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**From:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>  
**Sent:** Friday, July 8, 2022 10:05 AM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>; Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Mir,

I have been having difficulty connecting to internet and my cellular reception today. I had chalked it up to the remote location I am working from today, but have just been notified that the Ontario Public Service is experiencing issues due to a Rogers network degradation today.

I can try to take the Teams call but my connection may drop off.

Thanks for your patience. Hopefully we can make this work.

Laura

-----Original Appointment-----

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** July 8, 2022 8:31 AM  
**To:** Talpur, Mir; Hatcher, Laura (MTCS); Syed Rizvi; Susan Schappert; Felker, Bob  
**Subject:** File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre  
**When:** July 8, 2022 10:00 AM-10:30 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Microsoft Teams Meeting

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Microsoft Teams meeting

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---

**From:** Talpur, Mir

**Sent:** Friday, July 8, 2022 8:27 AM

**To:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

Good Morning Laura,

I am going to send a meeting for 10-10:30 am this morning.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

**[www.woodplc.com](http://www.woodplc.com)**



---

**From:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>  
**Sent:** Thursday, July 7, 2022 4:58 PM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Mir,

I have some time tomorrow between 10-11 or 1-2. Let me know if that works for you.

Thanks,

Laura

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** July 7, 2022 4:51 PM  
**To:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Susan Schappert <[susan.schappert@oakville.ca](mailto:susan.schappert@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Laura,

Thank you very much for the response. Any chance we could meet tomorrow for a quick meeting? 😊

If tomorrow doesn't work for you, then we can definitely arrange something for the week of July 18.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)



---

**From:** Hatcher, Laura (MTCS) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>  
**Sent:** Thursday, July 7, 2022 4:37 PM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Mir,

Yes, I would be happy to have a call to discuss. I will be on vacation next week, so would the week of the 18<sup>th</sup> work for you? Tuesday July 19 or Wednesday July 20 are both wide open for me at this point. Other days that week could work as well.

Sincerely,  
Laura

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** July 5, 2022 3:35 PM  
**To:** Hatcher, Laura (MHSTCI) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Laura,

My colleague, David Sinke, forwarded me your following email related to McCraney Creek Bridge Replacement Class EA Study. We were wondering if you would be available for a short meeting (20-30 minutes) to discuss these comments? If yes, could you provide a few options for your availability? I will then check project team's availability and send out a MS Teams meeting invite.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)



---

**From:** Hatcher, Laura (MHSTCI) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>

**Sent:** Thursday, June 30, 2022 1:43 PM

**To:** Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>

**Subject:** FW: File 0016854: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi David:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Commencement for the above-referenced project. MTCS's interest in this environmental assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- archaeological resources (including land and marine)
- built heritage resources (including bridges and monuments)
- cultural heritage landscapes

### **Project Summary**

The town has initiated an EA for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement.

According to the background materials online, this project is using information, analysis and design from the Lakeshore Road West EA study. At a Special Council Meeting held Tuesday, July 6, 2021, the Town Council directed staff to terminate the Class EA for Lakeshore Road West improvements and directed the town staff to proceed with a separate Class EA for the McCraney Creek Bridge Replacement

### **Identifying Cultural Heritage Resources**

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

### **Municipal Heritage Bridges: Cultural, Heritage & Archaeological Resources Assessment Checklist**

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources. A Cultural Heritage Report was prepared for the Lakeshore Road West EA, but it is unclear if this bridge was evaluated as part of that study. If the bridge has not been evaluated, we recommend that the project team consults the Municipal Engineers Association screening criteria for work on bridges that falls under the Municipal Class EA. See the [checklist](#) and [background material](#) available online, developed in coordination with MTCS.



## Archaeological Assessment

It is our understanding that the project team will be using the Stage 1 archaeological assessment (AA) that was prepared for the Lakeshore Road West EA study to inform this EA study. If the study area for this project includes lands that were not included in the previous AA, additional Stage 1 AA will be required.

## Environmental Assessment Reporting

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. If the screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Thank you for consulting MTCS on this project. Please continue to do so through the EA process and contact me for any questions or clarification.

Sincerely,  
Laura

### Laura Hatcher, MCIP, RPP

Heritage Planner

Heritage Planning Unit | Programs and Services Branch | Heritage, Tourism and Culture Division

Ministry of Tourism, Culture and Sport

Tel. 437-239-3404 **New** | email: [laura.e.hatcher@ontario.ca](mailto:laura.e.hatcher@ontario.ca)

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** June-06-22 1:50 PM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Jill MacInnes <[jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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6 June 2022

## McCraney Creek Bridge Replacement Notice of Study Commencement and Online Public Information Centre Municipal Class Environmental Assessment

The Town of Oakville has initiated an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. The purpose of this email is to share the attached notice with you and invite you to participate in the upcoming Public Information Centre (PIC).

The Town is hosting a Public Information Centre to share the recommended solution for bridge replacement. Information materials will be available on the [project webpage](#), from **June 16 to June 30, 2022**. We encourage you to participate in the PIC by reviewing the information materials and providing any comments on the online comment form by **June 30, 2022**. You are also invited to attend the **Online Presentation on Tuesday, June 21, 2022, at 6 p.m.** where there will be an

opportunity to ask any questions of the study team and provide comments. Please refer to the attached notice and visit project webpage for further details.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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The logo for Wood, featuring the word "wood." in a bold, dark blue, lowercase sans-serif font. The period is a solid dot.

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## **Conservation Halton**

October 25, 2022

WSP E&I Canada Limited *c/o Mir Talpur*  
3450 Harvester Road, Suite 100  
Burlington ON L7N 3W5

**BY EMAIL ONLY (mir.talpur@wsp.com)**



Planning & Watershed Management  
905.336.1158 | Fax: 905.336.6684  
2596 Britannia Road West  
Burlington, Ontario L7P 0G3  
conservationhalton.ca

Dear Mir Talpur:

**Re: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class  
Environmental Assessment – Draft Project File Report  
Town of Oakville  
(MPR 807)**

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Conservation Halton (CH) staff has reviewed the Draft Project File Report prepared by WSP for the McCraney Creek Bridge Replacement Class EA (September 26, 2022). Documents reviewed are listed in Appendix B.

Key comments are below, and detailed comment responses can be found in Appendix A.

### **Key Comments**

1. Delineation of the erosion hazard associated with McCraney Creek (long-term stable slope) must be completed for existing and proposed alternatives to confirm the preferred alternative does not increase risk to and regulation of private property when the creek is realigned. Additional discussions regarding erosion risks for McCraney Creek should be added to the report.
2. Include requirement to Table 8-1: Commitments for Additional Work for existing and proposed floodplain mapping (supported by hydraulic modelling) to be provided at detailed design.

### **Conclusion**

CH staff thank the Study Team for the opportunity to review the Draft Project File Report. Staff would appreciate the opportunity to review key modifications prior to submission of the Final Report and would also appreciate receiving a response matrix and track changes document to help expedite subsequent reviews.

CH looks forward to working with the Town of Oakville through the remainder of this EA Study, as well as future detailed design and permitting processes. Please contact the undersigned should there be any questions.

Sincerely,



**Braden Fleming**  
Environmental Planner  
905.336.1158 ext. 2335  
[bffleming@hrca.on.ca](mailto:bffleming@hrca.on.ca)

Encl. Appendix A: Detailed Comments

Appendix B: Materials/Technical Reports Reviewed

- C.C. Syed Rizvi ([syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)), Town of Oakville (via email)  
Eric Chan ([eric.chan@oakville.ca](mailto:eric.chan@oakville.ca)), Town of Oakville (via email)  
David Sinke ([david.sinke@wsp.com](mailto:david.sinke@wsp.com)), WSP (via email)  
Bob Felker ([bob.felker@wsp.com](mailto:bob.felker@wsp.com)), WSP (via email)  
Roslyn Vijayakumar ([roslyn.vijayakumar@wsp.com](mailto:roslyn.vijayakumar@wsp.com)), WSP (via email)  
Aniqa Shams ([aniqa.shams@wsp.com](mailto:aniqa.shams@wsp.com)), WSP (via email)

## Appendix A – Detailed Comments

CH provides the following comments on the Draft Project File Report prepared by WSP for the McCraney Creek Bridge Replacement Class EA (September 26, 2022).

#	Topic/Section	CH – First Submission Comments (October 25, 2022)
<b>General Comments</b>		
1.	General	McCraney Creek is a confined channel. Erosion hazard mapping (existing and proposed condition) should be completed to confirm the proposed alternative does not increase the erosion hazard (long-term stable top of slope) on private property as a result of channel relocation. This should be completed prior to selection of the preferred alternative. At detailed design, the erosion hazard should be plotted on drawings submitted to CH for permit.
2.	General	Existing and proposed floodplain mapping must be provided at detailed design, supported by hydraulic modelling. Please add this requirement to Table 8-1.
<b>Draft Project File Report</b>		
3.	Section 3.5 Natural Environment	Include a section on erosion hazard associated with McCraney Creek, which is a confined channel with physical and long-term stable top of slope hazards.
4.	Section 3.5.3 Terrestrial Ecosystem, page 31	We recommend providing additional information on facilitating wildlife passage, specifically: the target species, the openness ratio and the proposed measures that will be taken to ensure wildlife passage. For further guidance, Conservation Halton’s Road Ecology Quick Reference Guide may be of assistance, available online here: <a href="https://www.conservationhalton.ca/wp-content/uploads/2022/05/Conservation-Halton-Road-Ecology-Quick-Reference-Guide-September-2018.pdf">https://www.conservationhalton.ca/wp-content/uploads/2022/05/Conservation-Halton-Road-Ecology-Quick-Reference-Guide-September-2018.pdf</a>
5.	Section 3.5.3 Terrestrial Ecosystem, page 31	Given the existing conditions have a significant presence of invasive species, we recommend incorporating an invasive species management plan to ensure the survivability of the proposed plantings. This can be provided at detailed design.
6.	Section 3.5.4 Flooding Hazards, page 33	At detailed design, the most current hydraulic modelling must be used to confirm culvert and stone sizing for the proposed crossing replacement. Contact CH for most current hydraulic model.

#	Topic/Section	CH – First Submission Comments (October 25, 2022)
7.	Table 5-1 Evaluation of Alternatives for McCraney Creek Bridge, page 38	CH staff note the criteria “Effects on and Risks from Erosion Hazard” should include discussion of potential alternatives on delineation of the erosion hazard (i.e., Long-Term Stable Top of Slope) where creek realignment is proposed, noting also that hardening of banks is typically not credited by CH for reduction of erosion allowance. Evaluation of alternatives should include delineation of the LTSTS.
8.	Table 5-1 Evaluation of Alternatives for McCraney Creek Bridge, page 39	Revise the construction timing window for fish to be consistent with the timing window provided in section 7.5.1.2.
9.	Section 6.1 Proposed Bridge Design	Update this section to comment on bridge size from a fluvial geomorphological perspective (e.g., will bridge span 100-year erosion rate or 3x bankfull width?)
10.	Section 6.3 Proposed Channel Design	Need for vegetated channel revetments and proposed sizing should be confirmed at detailed design.
11.	Section 7 Potential Environmental Effects and Mitigation Measures	Include a section on erosion hazard, confirming no increase in hazard and associated 7.5 m regulatory allowance impacting private property.
12.	Section 7.3.1 Existing Land Use	Further to Comment 1, this section should confirm no increase in erosion/flooding hazard and 7.5 m regulatory allowance onto private property results from the proposed works.

## **Appendix B – Materials/Technical Reports Reviewed**

The following documents were received September 26, 2022, and reviewed as part of this submission:

- *Project File Report – Schedule ‘B’ Municipal Class Environmental Assessment for McCraney Creek Bridge Replacement on Lakeshore Road in the Town of Oakville; WSP; September 26, 2022*
  - Appendix C: Fluvial Geomorphology Review and Preliminary Channel Design Report; AquaLogic Consulting; March 19, 2018
  - Appendix D – Natural Environment Documentation



## Vijayakumar, Roslyn

---

**From:** Andrea Dunn <adunn@hrca.on.ca>  
**Sent:** Thursday, July 21, 2022 2:32 PM  
**To:** Talpur, Mir  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment  
**Attachments:** McCraney Creek\_Rebecca to Lakeshore.xls; MCR-13\_2022.pdf

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Perfect! Thanks,  
Please find attached the data you requested as part of DLA20220701. Please note that the fish data collected for this year has not yet been incorporated into our datasets, so I have also attached a copy of the original field sheets for your information.

If you have any questions, please let me know.

Take care,

Andrea

---

**From:** Talpur, Mir <mir.talpur@woodplc.com>  
**Sent:** July 21, 2022 1:55 PM  
**To:** Andrea Dunn <adunn@hrca.on.ca>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Andrea,

Sorry, I was under the impression that only Syed was to sign this. Please see attached with my signature added. Let me know if you need anything else.

Look forward to receiving the data as we are working through the EA Report, so that is very timely.  
Thanks, Andrea.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
**www.woodplc.com**



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**From:** Andrea Dunn <[adunn@hrca.on.ca](mailto:adunn@hrca.on.ca)>  
**Sent:** Thursday, July 21, 2022 12:29 PM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,  
I see that Syed has signed this, but I think you may have missed your signature which is also required at the bottom. Sorry for any confusion. I'm pulling the data today if you are able to sign back quickly. I will be away as of tomorrow, until August 2<sup>nd</sup>.

Andrea

---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** July 15, 2022 3:31 PM  
**To:** Andrea Dunn <[adunn@hrca.on.ca](mailto:adunn@hrca.on.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Andrea,

Please find attached the signed agreement for McCraney Creek Bridge Replacement Class EA. We look forward to receiving the data soon.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)



---

**From:** Andrea Dunn <[adunn@hrca.on.ca](mailto:adunn@hrca.on.ca)>  
**Sent:** Monday, July 11, 2022 4:45 PM

To: Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

Subject: RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

Please find attached Conservation Haltons data licensing agreement. If you can obtain the appropriate signatures and return to me, I can move forward with releasing the data.

If you have any questions, please let me know.

Take care,

**Andrea Dunn, B.Sc. (Bio)**  
**Coordinator, Monitoring Ecology**

Conservation Halton

2596 Britannia Road West, Burlington, ON L7P 0G3

905.336.1158 ext. 2309 | Fax 905.336.7014 | [adunn@hrca.on.ca](mailto:adunn@hrca.on.ca)

[conservationhalton.ca](http://conservationhalton.ca)



## RE:GENERATIONS

Join us **September 15, 2022** at Crawford Lake Conservation Area for our annual fundraising dinner. For tickets and sponsorship: [chregenerations.com](http://chregenerations.com)

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**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** June 23, 2022 3:18 PM

**To:** GIS Request <[gis@hrca.on.ca](mailto:gis@hrca.on.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Diana Michalakos <[Diana.Michalakos@oakville.ca](mailto:Diana.Michalakos@oakville.ca)>; Elisa Bernier <[eberner@hrca.on.ca](mailto:eberner@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>; Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Vijayakumar, Roslyn <[roslyn.vijayakumar@woodplc.com](mailto:roslyn.vijayakumar@woodplc.com)>

**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Good afternoon,

Please see Elisa's email below and the attached digital information request form, along with Study Area map. We would appreciate any information you can share with us.

Many thanks in advance.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)

The logo for Wood, featuring the word "wood." in a bold, dark blue, lowercase sans-serif font.

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**From:** Elisa Bernier <[ebernier@hrca.on.ca](mailto:ebernier@hrca.on.ca)>

**Sent:** Tuesday, June 14, 2022 11:08 AM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; [Diana.Michalakos@oakville.ca](mailto:Diana.Michalakos@oakville.ca); Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Chipps, Steve <[steve.chipps@woodplc.com](mailto:steve.chipps@woodplc.com)>; Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>

**Subject:** Re: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

Thank you for the meeting minutes and sharing the Town's 2021 Creek Inventory Study.

Given that the biophysical data is over a decade old, we recommend that more recent information be considered in the EA. To obtain CH's records of fish, wildlife, and plant species observed in the study area, please complete the Digital Information Request form (online at: <https://www.conservationhalton.ca/mapping-and-data> ) and submit it to [gis@hrca.on.ca](mailto:gis@hrca.on.ca). We have fish records up until 2018 and our Monitoring Ecology staff will be completing fish surveys of McCraney Creek at Lakeshore Rd this summer.

No further comments on the meeting minutes from CH.

Elisa

**Elisa Bernier** (*she/her*)  
Planning Ecology Specialist

## Vijayakumar, Roslyn

---

**From:** Alex Lenarduzzi <alenarduzzi@hrca.on.ca>  
**Sent:** Friday, June 10, 2022 9:59 AM  
**To:** Talpur, Mir; Braden Fleming  
**Cc:** Syed Rizvi; Diana.Michalakos@oakville.ca; Elisa Bernier; Sinke, David; Felker, Bob; Chipps, Steve  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Thanks Mir – no additions/edits from me.

### Alex Lenarduzzi, P.Eng.

Water Resources Engineer

#### Conservation Halton

2596 Britannia Road West, Burlington, ON L7P 0G3  
905.336.1158 ext. 2259 | Fax 905.336.7014 | [alexl@hrca.on.ca](mailto:alexl@hrca.on.ca)  
[conservationhalton.ca](http://conservationhalton.ca)



Click [here](#) to learn about Conservation Halton's new strategic plan.

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**From:** Talpur, Mir <mir.talpur@woodplc.com>  
**Sent:** June 9, 2022 4:48 PM  
**To:** Braden Fleming <bffleming@hrca.on.ca>  
**Cc:** Syed Rizvi <syed.rizvi@oakville.ca>; Diana.Michalakos@oakville.ca; Elisa Bernier <ebernier@hrca.on.ca>; Alex Lenarduzzi <alenarduzzi@hrca.on.ca>; Sinke, David <david.sinke@woodplc.com>; Felker, Bob <bob.felker@woodplc.com>; Chipps, Steve <steve.chipps@woodplc.com>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Braden,

Please find attached the minutes of the meeting of June 01, 2022, related to McCraney Creek Bridge Replacement Class EA. Also attached is the pdf of the presentation.

Let us know if you have any revisions to the meeting minutes.

# Minutes

**Date:** 09 June 2022  
**File #:** TPB166147  
**Meeting Date & Time:** 01 June 2022 (10:00 AM)  
**Meeting at:** MS Teams Meeting  
**Subject:** McCraney Creek Bridge Replacement - Municipal Class Environmental Assessment

**Attendees:**

Syed Rizvi, Town of Oakville	David Sinke, Wood
Diana Michalakos, Town of Oakville	Bob Felker, Wood
Braden Fleming, Conservation Halton	Steve Chipps, Wood
Elisa Bernier, Conservation Halton	Mir Talpur, Wood
Alex Lenarduzzi, Conservation Halton	

**Regrets:**

MATTERS DISCUSSED	ACTION BY:
<p><b>Introduction/Purpose of Meeting</b></p> <p>The purpose of this meeting was to share the recommended solution for the McCraney Creek Bridge Replacement with Conservation Halton staff prior to hosting the Public Information Centre. The evaluation table along with the general arrangement drawing for the bridge and various technical reports were sent to Conservation Halton in advance of the meeting.</p> <p>It was noted that the Study Team previously shared the alternative solutions and information with Conservation Halton staff as part of Lakeshore Road West Class Environmental Assessment.</p> <p>The Study Team delivered a presentation and invited Conservation Halton staff to ask questions/provide comments.</p>	

**PLEASE NOTE:** If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Wood within five (5) business days of issue and confirmed in writing.



Continued...

Meeting Date: 01 June 2022

<b>MATTERS DISCUSSED</b>	<b>ACTION BY:</b>
<p><b>Open Discussion:</b> The following questions were asked by Conservation Halton staff and responses provided by the Study Team:</p> <p><b>Class EA Study:</b></p> <ul style="list-style-type: none"><li>• <b>Question:</b> Why was the Lakeshore Road West Class EA Study terminated, and why is this study is being carried out separately?</li><li>• <b>Response:</b> Given the reduction in scope of the proposed project, the proposed improvements for Lakeshore Road West no longer trigger the need for an EA. Consequently, council directed staff to terminate that EA.</li></ul> <p><b>Timing of Project File Report Filing and Detailed Design Phase:</b></p> <ul style="list-style-type: none"><li>• <b>Question:</b> When will the Project File Report be filed and when will the detailed design phase start?</li><li>• <b>Response:</b> At this time, it is anticipated that the Project File Report will be filed in late summer/early fall 2022. Timing for the detailed design for bridge replacement is not known at this time.</li></ul> <p><b>Ecological Investigation:</b></p> <ul style="list-style-type: none"><li>• <b>Question:</b> Is there new ecological investigation work being completed as part of this Class EA Study, considering that the previous work was completed back in 2017?</li><li>• <b>Response:</b> This Class EA Study will depend on the previously completed technical investigations. No additional ecological investigations are planned as part of this Class EA. A commitment will be included in the Project File Report to complete terrestrial and aquatic ecological investigations along McCraney Creek between Rebecca Street and Lakeshore Road West. Town staff will share the updated creek inventory with Conservation Halton staff.</li></ul> <p><b>Post Meeting Note:</b> A link to project webpage for Town's "2021 Creek Inventory and Assessment Report" and a map that summarized the observations for McCraney Creek (Reach 21) from this report were shared with Conservation Halton staff on 07 June 2022.</p> <p><b>Fish Community Information:</b></p> <ul style="list-style-type: none"><li>• <b>Question:</b> Is there any information on fish community within this reach of McCraney Creek? This information was not included in the memo titled "Aquatic and Bat Habitat Surveys for Proposed Channel</li></ul>	<p><b>Town</b></p> <p><b>Wood</b></p>

MATTERS DISCUSSED	ACTION BY:																																								
<p>Realignment of McCraney Creek North of Lakeshore Road to Rebecca Street.”</p> <ul style="list-style-type: none"> <li>• <b>Response:</b> The Study Team will review this and share any fish community information that may be available with Conservation Halton.</li> </ul> <p><b>Post Meeting Note:</b> The following table is taken from the “Aquatic Habitat Existing Conditions Report for Lakeshore Road West Improvements (Wood, 2017) (available on <a href="#">Lakeshore Road West EA webpage – Appendix J</a>):</p> <p style="text-align: center;"><b>Table 3-3: Fish Species of McCraney Creek</b></p> <table border="1" data-bbox="209 730 1187 1129"> <thead> <tr> <th>Common Name</th> <th>Scientific Name</th> <th>G-Rank</th> <th>S-Rank</th> </tr> </thead> <tbody> <tr> <td>Blacknose Dace<sup>1</sup></td> <td><i>Rhinichthys atratulus</i></td> <td>G5</td> <td>S5</td> </tr> <tr> <td>Longnose Dace<sup>1</sup></td> <td><i>Rhinichthys cataractae</i></td> <td>G5</td> <td>S5</td> </tr> <tr> <td>Common Shiner<sup>1</sup></td> <td><i>Luxilus cornutus</i></td> <td>G5</td> <td>S5</td> </tr> <tr> <td>Creek Chub<sup>1</sup></td> <td><i>Semotilus atromaculatus</i></td> <td>G5</td> <td>S5</td> </tr> <tr> <td>Fathead Minnow<sup>1</sup></td> <td><i>Pimephales promelas</i></td> <td>G5</td> <td>S5</td> </tr> <tr> <td>Pumpkinseed<sup>1</sup></td> <td><i>Lepomis gibbosus</i></td> <td>G5</td> <td>S5</td> </tr> <tr> <td>Rainbow Darter<sup>1</sup></td> <td><i>Etheostoma caeruleum</i></td> <td>G5</td> <td>S4</td> </tr> <tr> <td>White Sucker<sup>1</sup></td> <td><i>Catostomus commersonii</i></td> <td>G5</td> <td>S5</td> </tr> <tr> <td>Rainbow Trout<sup>1</sup></td> <td><i>Oncorhynchus mykiss</i></td> <td>G5</td> <td>SE</td> </tr> </tbody> </table> <p style="text-align: center;"><b>Source:</b> CH 2009a, 2009b and MNRF field collection record data (1 CH records and 2 indicates MNRF).</p> <p><b>Existing Pedestrian Bridge:</b></p> <ul style="list-style-type: none"> <li>• There is an existing pedestrian bridge downstream of McCraney Creek Bridge. Is it privately owned?</li> <li>• Study Team confirmed that the bridge is located on private property (Appleby College) and is privately owned.</li> </ul> <p><b>Storm Sewer Outfalls:</b></p> <ul style="list-style-type: none"> <li>• <b>Question:</b> Will the storm sewer outfalls be upgraded as part of the detailed design phase along with Lakeshore Road West widening project?</li> <li>• <b>Response:</b> At this time, it is not confirmed.</li> </ul> <p><b>Hydraulic Modelling:</b></p> <ul style="list-style-type: none"> <li>• <b>Comment:</b> Conservation Halton staff had previously reviewed the hydraulic modelling as part of the Lakeshore Road West Class EA and had identified some discrepancies in the model compared to the</li> </ul>	Common Name	Scientific Name	G-Rank	S-Rank	Blacknose Dace <sup>1</sup>	<i>Rhinichthys atratulus</i>	G5	S5	Longnose Dace <sup>1</sup>	<i>Rhinichthys cataractae</i>	G5	S5	Common Shiner <sup>1</sup>	<i>Luxilus cornutus</i>	G5	S5	Creek Chub <sup>1</sup>	<i>Semotilus atromaculatus</i>	G5	S5	Fathead Minnow <sup>1</sup>	<i>Pimephales promelas</i>	G5	S5	Pumpkinseed <sup>1</sup>	<i>Lepomis gibbosus</i>	G5	S5	Rainbow Darter <sup>1</sup>	<i>Etheostoma caeruleum</i>	G5	S4	White Sucker <sup>1</sup>	<i>Catostomus commersonii</i>	G5	S5	Rainbow Trout <sup>1</sup>	<i>Oncorhynchus mykiss</i>	G5	SE	<b>Wood</b>
Common Name	Scientific Name	G-Rank	S-Rank																																						
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Rainbow Darter <sup>1</sup>	<i>Etheostoma caeruleum</i>	G5	S4																																						
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Rainbow Trout <sup>1</sup>	<i>Oncorhynchus mykiss</i>	G5	SE																																						



Continued...

Meeting Date: 01 June 2022

<b>MATTERS DISCUSSED</b>	<b>ACTION BY:</b>
<p>model for McCraney and Fourteen Mile Creek Flood Remediation study.</p> <ul style="list-style-type: none"><li>• <b>Response:</b> Wood will review the hydraulic model and advise.</li></ul> <p><b>Documentation for Review:</b></p> <ul style="list-style-type: none"><li>• <b>Question:</b> Will Conservation Halton staff be receiving any new/additional documentation for review?</li><li>• <b>Response:</b> The documents shared with Conservation Halton staff are what the Study Team have to share at the moment. The only updated information was the general arrangement drawing and the evaluation table that have been slightly updated since 2018.</li></ul> <p><b>Wrap-up:</b></p> <ul style="list-style-type: none"><li>• The Study Team thanked Conservation Halton staff for attending the meeting and requested to share any considerations that should be identified as commitments in the Project File Report for future consideration.</li></ul>	

Meeting Minutes prepared by:

Wood Environment & Infrastructure Solutions  
a Division of Wood Canada Limited

Per: Mir Ahsan Talpur, M.Env.Sc., EP  
Environmental Planner

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**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** Thursday, June 9, 2022 4:48 PM  
**To:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; [Diana.Michalakos@oakville.ca](mailto:Diana.Michalakos@oakville.ca) <[Diana.Michalakos@oakville.ca](mailto:Diana.Michalakos@oakville.ca)>; Elisa Bernier <[eberner@hrca.on.ca](mailto:eberner@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Chipps, Steve <[steve.chipps@woodplc.com](mailto:steve.chipps@woodplc.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Braden,

Please find attached the minutes of the meeting of June 01, 2022, related to McCraney Creek Bridge Replacement Class EA. Also attached is the pdf of the presentation.

Let us know if you have any revisions to the meeting minutes.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

[www.woodplc.com](http://www.woodplc.com)

The logo for Wood Plc, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid dot.

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**From:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Sent:** Tuesday, June 7, 2022 10:38 AM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; [Diana.Michalakos@oakville.ca](mailto:Diana.Michalakos@oakville.ca); Elisa Bernier <[eberner@hrca.on.ca](mailto:eberner@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Chipps, Steve <[steve.chipps@woodplc.com](mailto:steve.chipps@woodplc.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

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Thank you Mir,

I can confirm that we have received both the Notice of Study Commencement and PIC as well as the additional background materials.

CH staff will take a look through the materials and let you know if we have any questions or formal comments.

Best,

Braden

**Braden Fleming, B.Sc. (Hons), EPt, ESCP**  
Environmental Planner  
Pronouns: he/him

**Conservation Halton**  
2596 Britannia Road West, Burlington, ON L7P 0G3  
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**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** June 7, 2022 8:01 AM  
**To:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Diana Michalakos <[Diana.Michalakos@oakville.ca](mailto:Diana.Michalakos@oakville.ca)>; Elisa Bernier <[ebernier@hrca.on.ca](mailto:ebernier@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Chipps, Steve <[steve.chipps@woodplc.com](mailto:steve.chipps@woodplc.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Braden,

As discussed during the meeting last week, here is the link to the Town's "2021 Creek Inventory and Assessment Report": <https://www.oakville.ca/environment/natural-areas-streams.html>

The Town staff has also shared the attached map that summarizes the observations for McCraney Creek (Reach 21) from this report.

Please let us know if there are any questions.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)



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**From:** Talpur, Mir  
**Sent:** Tuesday, May 31, 2022 4:14 PM  
**To:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Diana.Michalakos@oakville.ca; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Chipps, Steve <[steve.chipps@woodplc.com](mailto:steve.chipps@woodplc.com)>; Elisa Bernier <[ebernier@hrca.on.ca](mailto:ebernier@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Braden,

Further to my email below, I wanted to confirm that the main agenda item for tomorrow's meeting is to present the recommended solution for McCraney Creek Bridge Replacement, and answer any questions that Conservation Halton staff may have.

We will deliver a short presentation and then will open the floor for questions.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
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The logo for Wood PLC, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid dot.

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**From:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Sent:** Tuesday, May 24, 2022 8:37 AM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Diana.Michalakos@oakville.ca; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Chipps, Steve <[steve.chipps@woodplc.com](mailto:steve.chipps@woodplc.com)>; Elisa Bernier <[ebernier@hrca.on.ca](mailto:ebernier@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

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Good morning Mir,

Thank you very much for providing the background information. I can confirm that they have been downloaded successfully. We will have a quick look to brush up on the details ahead of our meeting.

Looking forward to getting together to discuss this project.

Braden

**Braden Fleming, B.Sc. (Hons), EPT, ESCP**  
Environmental Planner  
Pronouns: he/him

**Conservation Halton**  
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[conservationhalton.ca](http://conservationhalton.ca)



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**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** May 19, 2022 4:06 PM  
**To:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Diana Michalakos <[Diana.Michalakos@oakville.ca](mailto:Diana.Michalakos@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Chipps, Steve <[steve.chipps@woodplc.com](mailto:steve.chipps@woodplc.com)>; Elisa Bernier <[ebernier@hrca.on.ca](mailto:ebernier@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Braden,

Thank you for the prompt response. I will send out a meeting invite shortly.

We will circulate an agenda in advance of the meeting. The main purpose of this meeting is to provide a background on McCraney Creek Bridge Replacement project, share the recommended solution (bridge replacement with slightly adjusted ends and creek realignment), and answer any questions that Conservation Halton staff may have.

For now, I have saved the following documents in this OneDrive folder for Conservation Halton staff's review ([3-McCraney Creek Technical Reports](#)):

- Pdf table that includes evaluation of four alternatives for McCraney Creek Bridge Replacement (including a do-nothing option)
- General Arrangement drawing for the proposed bridge structure
- Aquatic and Bat Habitat Surveys for Proposed Channel Realignment of McCraney Creek North of Lakeshore Road to Rebecca Street (January 24, 2018)
- Fluvial Geomorphology Review and Preliminary Channel Design Fourteen Mile Creek & McCraney Creek (March 19, 2018)
- Lakeshore Road West Improvements Stormwater Management Report (04/06/2021)

As noted in my previous correspondence, this Class EA Study is building on and utilizing information from previously completed reports that were developed as part of the Lakeshore Road West Improvements project, which was initiated in November 2016, as a Schedule 'C' Municipal Class EA Study. As such, the above noted documents were developed as part of that study.

The evaluation table and the general were previously shared with Conservation Halton in 2018 and have been recently reviewed and refined by the Project Team. Previous correspondence with Conservation Halton on this subject is documented in Appendix C of Lakeshore Road West Environmental Study Report (also saved in the OneDrive folder).

Please let me know if you have any questions.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

**[www.woodplc.com](http://www.woodplc.com)**

The logo for Wood PLC, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid dot.

---

**From:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>

**Sent:** Thursday, May 19, 2022 2:36 PM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Elisa Bernier <[eberner@hrca.on.ca](mailto:eberner@hrca.on.ca)>; Alex Lenarduzzi <[alenarduzzi@hrca.on.ca](mailto:alenarduzzi@hrca.on.ca)>

**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good afternoon Mir,

Hope you have been well also. CH staff are available for the Wednesday June 1 meeting from 10-12. Can we expect to receive an agenda ahead of the meeting so we know what is planned to be discussed?

Thanks!

Braden

**Braden Fleming, B.Sc. (Hons), EPT, ESCP**

Environmental Planner

*Pronouns: he/him*

Conservation Halton

**Evaluation of Alternatives for McCraney Creek Bridge**

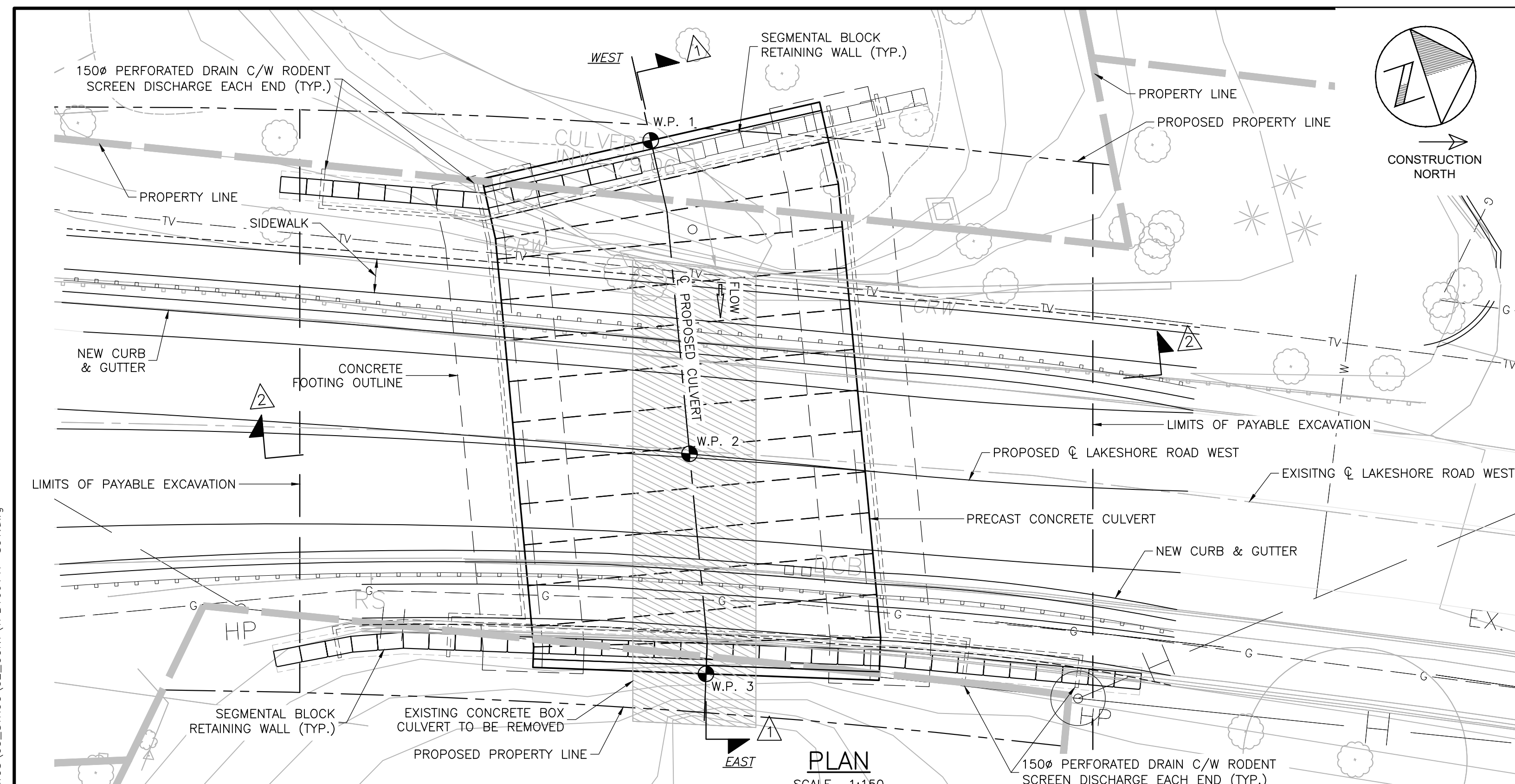
<b>Evaluation Criteria</b>	<b>Alternative 1: Do Nothing (Maintain Existing Structure)</b>	<b>Alternative 2: Replacement of Existing Bridge with a New Structure without re-alignment of McCraney Creek</b>	<b>Alternative 3: Replacement of Existing Bridge with a New Structure with re-alignment of McCraney Creek</b>	<b>Alternative 4: Replacement of Existing Bridge with a New Structure (with Slightly Adjusted Ends) with re-alignment of McCraney Creek</b>
<b>Natural Environment</b>				
<b>Effects on Vegetation</b>	No loss of vegetation. No improvements / enhancements to natural areas/vegetation.	Least amount of disturbance would occur to channel banks. Vegetation removal would be required on the west and east sides to accommodate structure replacement. Opportunity to improve riparian vegetation will be limited within the road right-of-way limits.	Disturbance would occur to channel banks. Vegetation removal would be required on the west and east sides to accommodate structure replacement. However, creek realignment will provide opportunity for vegetation restoration where native species can be planted, including selection of native trees that are able to outcompete invasive trees and shrubs present along the creek such as Norway Maple. In the long term, channel realignment will provide channel integrity and symmetrical terrestrial function on both sides.	Disturbance would occur to channel banks. Vegetation removal would be required on the west and east sides to accommodate structure replacement. However, creek realignment will provide opportunity for vegetation restoration where native species can be planted, including selection of native trees that are able to outcompete invasive trees and shrubs present along the creek such as Norway Maple. In the long term, channel realignment will provide channel integrity and symmetrical terrestrial function on both sides.
	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>
<b>Effects on Wildlife and Wildlife Habitat</b>	No impacts to wildlife or wildlife habitat.	Vegetation removal would be limited to areas immediately adjacent to the structure. Timing restrictions during vegetation removal would provide mitigation measures sufficient to protect both birds and bats.	Vegetation removal would be limited to areas immediately adjacent to the structure. Timing restrictions during vegetation removal would provide mitigation measures sufficient to protect both birds and bats. Revegetation as a result of channel realignment will improve terrestrial function in the creek corridor.	Vegetation removal would be limited to areas immediately adjacent to the structure. Timing restrictions during vegetation removal would provide mitigation measures sufficient to protect both birds and bats. Revegetation as a result of channel realignment will improve terrestrial function in the creek corridor.
	<b>Most Preferred</b>	<b>Moderately Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>
<b>Effects on and Risks from Flooding Hazards</b>	The existing structure conveys the water flows associated with 100-year storm event; however, modelling indicates that the bridge is overtopped by the Regional storm by approximately 1.40 m.	Water surface elevations would decrease upstream of the crossing for all storm events. Flooding risk for residential properties would be reduced.	Water surface elevations would decrease upstream of the crossing for all storm events. Flooding risk for residential properties would be reduced.	Water surface elevations would decrease upstream of the crossing for all storm events. Flooding risk for residential properties would be reduced.
	<b>Not Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>

Evaluation Criteria	Alternative 1: Do Nothing (Maintain Existing Structure)	Alternative 2: Replacement of Existing Bridge with a New Structure without re-alignment of McCraney Creek	Alternative 3: Replacement of Existing Bridge with a New Structure with re-alignment of McCraney Creek	Alternative 4: Replacement of Existing Bridge with a New Structure (with Slightly Adjusted Ends) with re-alignment of McCraney Creek
<b>Effects on and Risks from Erosion Hazards</b>	Do nothing will not address the existing erosion problem.	Without channel realignment, the erosion will continue to occur and the risk of failure of the McCraney Creek Bridge abutments will continue to exist, as the channel is forced to take an almost 90 degree turn into the structure. This directs the erosive potential of flows directly against the bridge abutments/wing walls, putting them at risk	Channel realignment will reduce the erosion problem and risk of failure of McCraney Creek Bridge abutments to a greater extent. However, due to the orientation of the bridge structure relative to McCraney Creek, there will still be continued erosion and risk of failure of infrastructure	Channel realignment along with adjustment to the orientation of the bridge structure by skewing/deflecting the north end of the structure to better align with the creek alignment will help address the erosion problem and risk of failure of McCraney Creek Bridge abutments. Channel realignment will eliminate the slope contact hazard and replace it specifically with a new slope at better angle with reinforcing vegetation. The skew/deflection at the north end will better align with the realigned creek, reducing potential for failure of abutments/wing walls.
	<b>Not Preferred</b>	<b>Not Preferred</b>	<b>Moderately Preferred</b>	<b>Most Preferred</b>
<b>Stormwater Management</b>	No changes to stormwater management requirements	Marginal increased runoff due to marginal road widening and additional sidewalk. Therefore, quality and erosion impacts would require mitigation through stormwater management measures	Marginal increased runoff due to marginal road widening and additional sidewalk. Therefore, quality and erosion impacts would require mitigation through stormwater management measures	Marginal increased runoff due to marginal road widening and additional sidewalk. Therefore, quality and erosion impacts would require mitigation through stormwater management measures
	<b>Most Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>
<b>Fluvial Geomorphology</b>	The current bridge consists of 2 structures of different age. Current span is 5.3m. Creek is confined by embankment. No opportunity for improvement / enhancement to the watercourse to address the deficiencies observed.	The longer structure would be able to span the low flow channel and provide adequate erosion setbacks with channel modifications.  Limited opportunities for improvements to the watercourse at the replaced structure. Risk of further erosion of Lakeshore Road West embankment will not be addressed.  Localized bank erosion protection would be used to address existing northwest bank erosion condition.	The longer structure would be able to span the low flow channel and provide adequate erosion setbacks with channel modifications.  Limited opportunities for improvements to the watercourse at the replaced structure. Risk of further erosion of Lakeshore Road West embankment will not be addressed.	The longer structure would be able to span the low flow channel and provide adequate erosion setbacks with channel modifications.  Opportunity for improvements to the watercourse. Risk of further erosion of Lakeshore Road West embankment could be minimized.
	<b>Least Preferred</b>	<b>Least Preferred</b>	<b>Moderately Preferred</b>	<b>Most Preferred</b>



<b>Evaluation Criteria</b>	<b>Alternative 1: Do Nothing (Maintain Existing Structure)</b>	<b>Alternative 2: Replacement of Existing Bridge with a New Structure without re-alignment of McCraney Creek</b>	<b>Alternative 3: Replacement of Existing Bridge with a New Structure with re-alignment of McCraney Creek</b>	<b>Alternative 4: Replacement of Existing Bridge with a New Structure (with Slightly Adjusted Ends) with re-alignment of McCraney Creek</b>
<b>Effects on Fisheries and Aquatic Habitat</b>	No impacts on fish or aquatic habitat. No opportunities for enhancements to remove barrier to fish passage.	Channel banks and vegetation will be disturbed to facilitate the structure replacement. Significant disturbance to the riparian vegetation and channel will be required for channel works related to the structure replacement.  Fish and fish habitat and vegetation would be temporarily disturbed. In-water timing window would provide protection for both spring and summer spawners and extend from July 1 to March 15.  No opportunities for enhancement to remove barrier to fish passage.	Channel banks and vegetation will be disturbed to facilitate the structure replacement. Significant disturbance to the riparian vegetation and channel will be required for channel realignment. Channel realignment will provide improved bank stability.  Accommodation of bankfull channel width with overbank setbacks will help achieve stable geomorphic form with fish passage and habitat improvement.  Fish and fish habitat and vegetation would be temporarily disturbed. In-water timing window would provide protection for both spring and summer spawners and extend from July 1 to March 15.	Channel banks and vegetation will be disturbed to facilitate the structure replacement. Significant disturbance to the riparian vegetation and channel will be required for channel realignment. Channel realignment will provide improved bank stability.  Accommodation of bankfull channel width with overbank setbacks will help achieve stable geomorphic form with fish passage and habitat improvement.  Fish and fish habitat and vegetation would be temporarily disturbed. In-water timing window would provide protection for both spring and summer spawners and extend from July 1 to March 15.
	<b>Least Preferred</b>	<b>Moderately Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>
<b>Social Environment</b>				
<b>Effects on Land Use</b>	No impact to private property.  No reduction in flood risk to private property.	Encroachment into town-owned property. No impact to private property.  Reduction in flood risk to private property	Encroachment into town-owned property. No impact to private property.  Reduction in flood risk to private property	Encroachment into town-owned property. No impact to private property.  Reduction in flood risk to private property
	<b>Least Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>
<b>Construction Disruption</b>	No impact to community.	Disruptions to traffic patterns would occur. Traffic control required for staged structural replacement.	Disruptions to traffic patterns would occur. Traffic control required for staged structural replacement.	Disruptions to traffic patterns would occur. Traffic control required for staged structural replacement.
	<b>Most Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>
<b>Public Safety</b>	No improvements to cyclist safety. No sidewalk on north side of structure. Emergency repair has created a pinch point on the westbound roadway.	Improvement to cyclist safety with provision of paved shoulders. Sidewalks on both the north and south sides of the structure.	Improvement to cyclist safety with provision of paved shoulders. Sidewalks on both the north and south sides of the structure.	Improvement to cyclist safety with provision of paved shoulders. Sidewalks on both the north and south sides of the structure.
	<b>Least Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>
<b>Utilities</b>	No impact to existing utilities.	Relocation of utilities as required for new structure.	Relocation of utilities as required for new structure.	Relocation of utilities as required for new structure.
	<b>Most Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>

<b>Evaluation Criteria</b>	<b>Alternative 1: Do Nothing (Maintain Existing Structure)</b>	<b>Alternative 2: Replacement of Existing Bridge with a New Structure without re-alignment of McCraney Creek</b>	<b>Alternative 3: Replacement of Existing Bridge with a New Structure with re-alignment of McCraney Creek</b>	<b>Alternative 4: Replacement of Existing Bridge with a New Structure (with Slightly Adjusted Ends) with re-alignment of McCraney Creek</b>
<b>Cultural Environment</b>				
<b>Archaeology and Cultural Heritage Resources</b>	No impact to archaeology and cultural heritage resources.	Potential for impact to archaeological resources which can be mitigated through further archaeological investigations.	Potential for impact to archaeological resources which can be mitigated through further archaeological investigations.	Potential for impact to archaeological resources which can be mitigated through further archaeological investigations.
	<b>Most Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>	<b>Moderately Preferred</b>
<b>Transportation</b>				
<b>Active Modes of Transportation</b>	No new cycling or pedestrian infrastructure across structure. Sidewalk only on south side of existing structure.	The new bridge will provide space to potentially accommodate a future sidewalk on the north side.	The new bridge will provide space to potentially accommodate a future sidewalk on the north side.	The new bridge will provide space to potentially accommodate a future sidewalk on the north side.
	<b>Not Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>
<b>Economic Environment</b>				
<b>Capital and Maintenance Costs</b>	No incremental cost for this option. However, there may higher costs in long term due to need for emergency repair or replacement	Capital cost for structural replacement would be lower than the cost of Alternative 3 or Alternative 4. However, erosion issue will continue to exist and may result in additional cost related to repairs due to impacts on the bridge	Capital cost for structural replacement including creek realignment would be higher than the cost of Alternative 1 but lower than Alternative 4. However, erosion issue will continue to exist and may result in additional maintenance costs.	Cost for this alternative would be highest, however, it will address the structural deficiency issues and will minimize long term maintenance costs.
	<b>Least Preferred</b>	<b>Least Preferred</b>	<b>Moderately Preferred</b>	<b>Most Preferred</b>
<b>Structural Engineering</b>				
<b>Structure Condition</b>	Structural condition not to be improved.	New structure will address structural deficiency issues.	New structure will address structural deficiency issues.	New structure will address structural deficiency issues.
	<b>Not Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>	<b>Most Preferred</b>
<b>Overall Recommendation</b>	Not Recommended	Not Recommended	Not Recommended	<b>Recommended Solution</b>

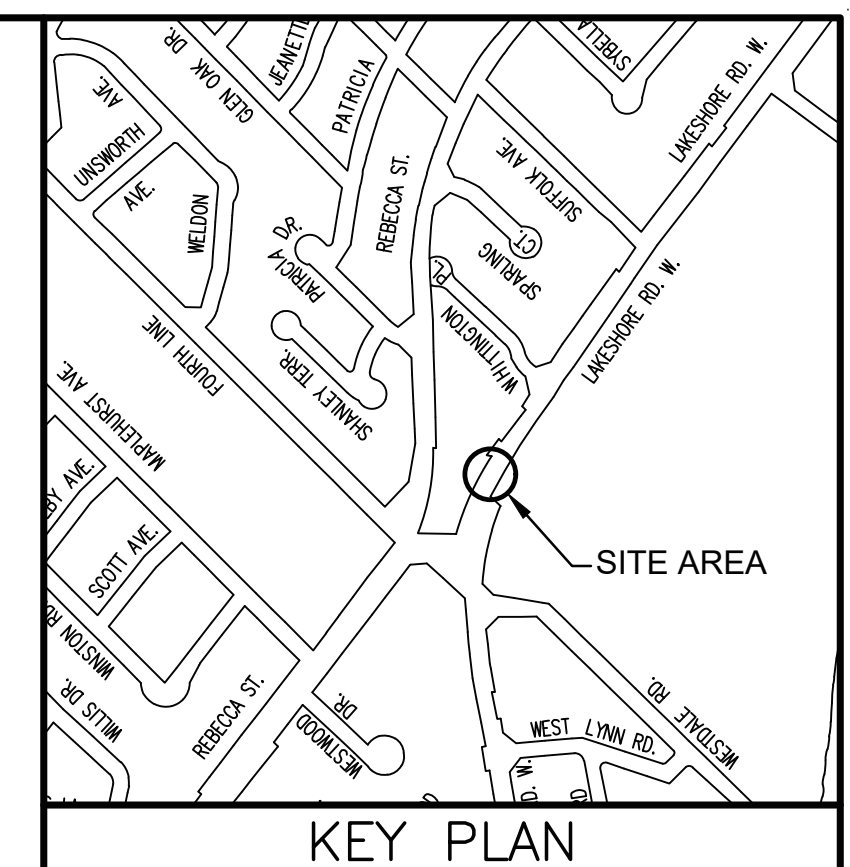


**COORDINATE TABLE**

CONTROL	NORTHING	EASTING	ELEVATION*	CL ROAD OFFSET	STATION
W.P. 1	4808919.523	606085.073	82.825	12.302 (WEST)	4+788.885
W.P. 2	4808917.182	606096.999	82.825	0.00	4+791.263
W.P. 3	4808914.463	606108.075	82.825	11.280 (EAST)	4+792.942

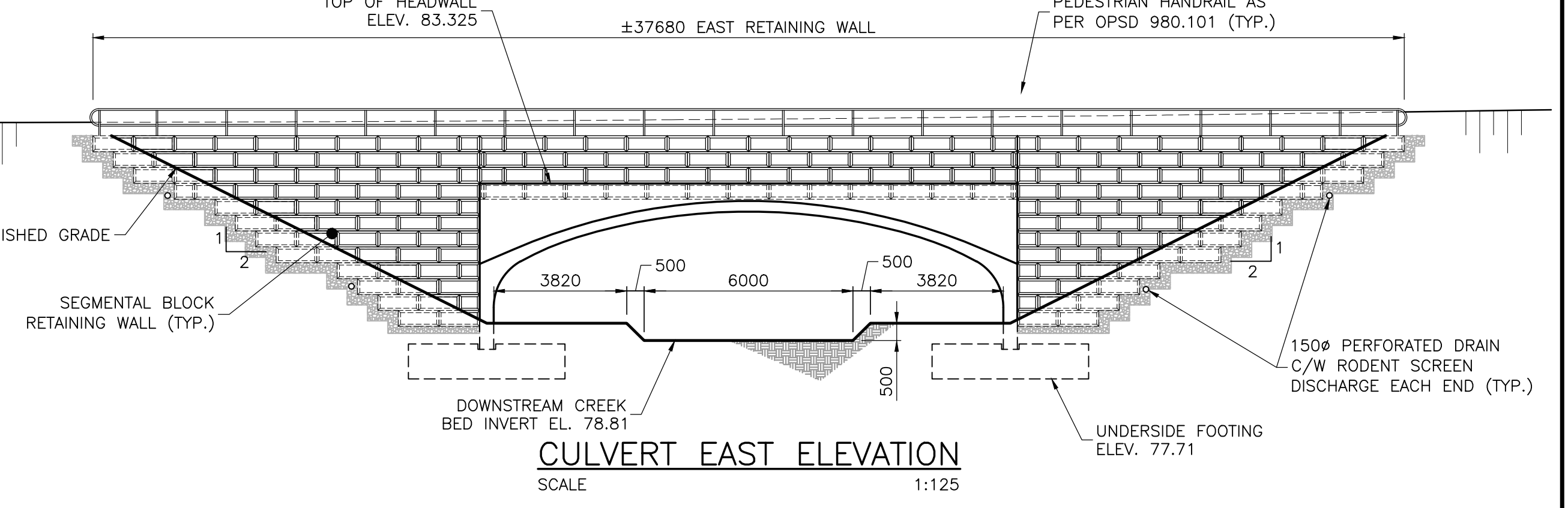
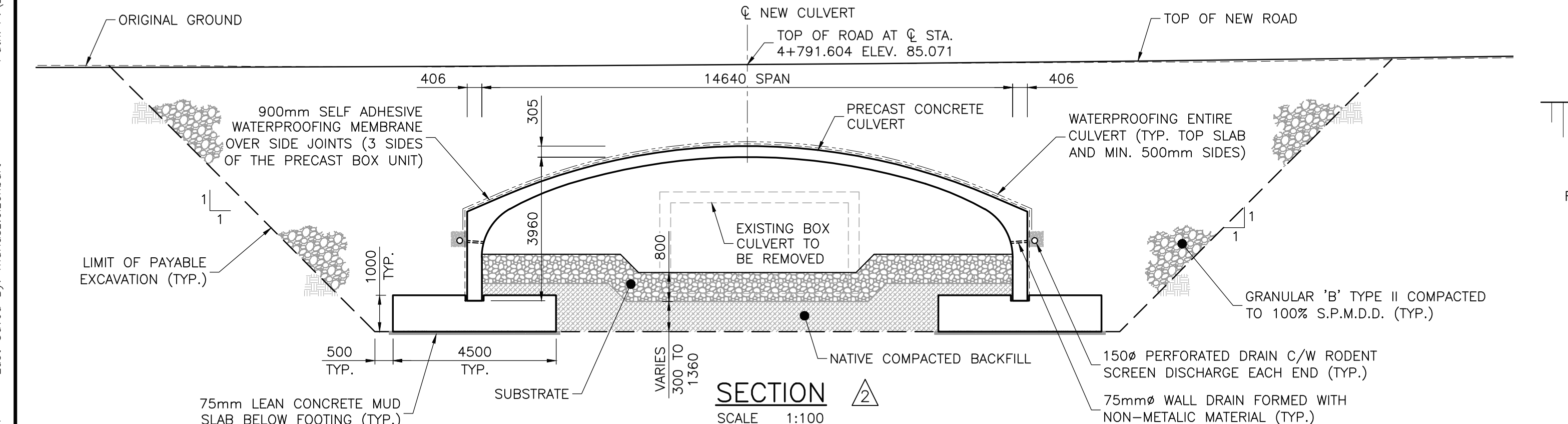
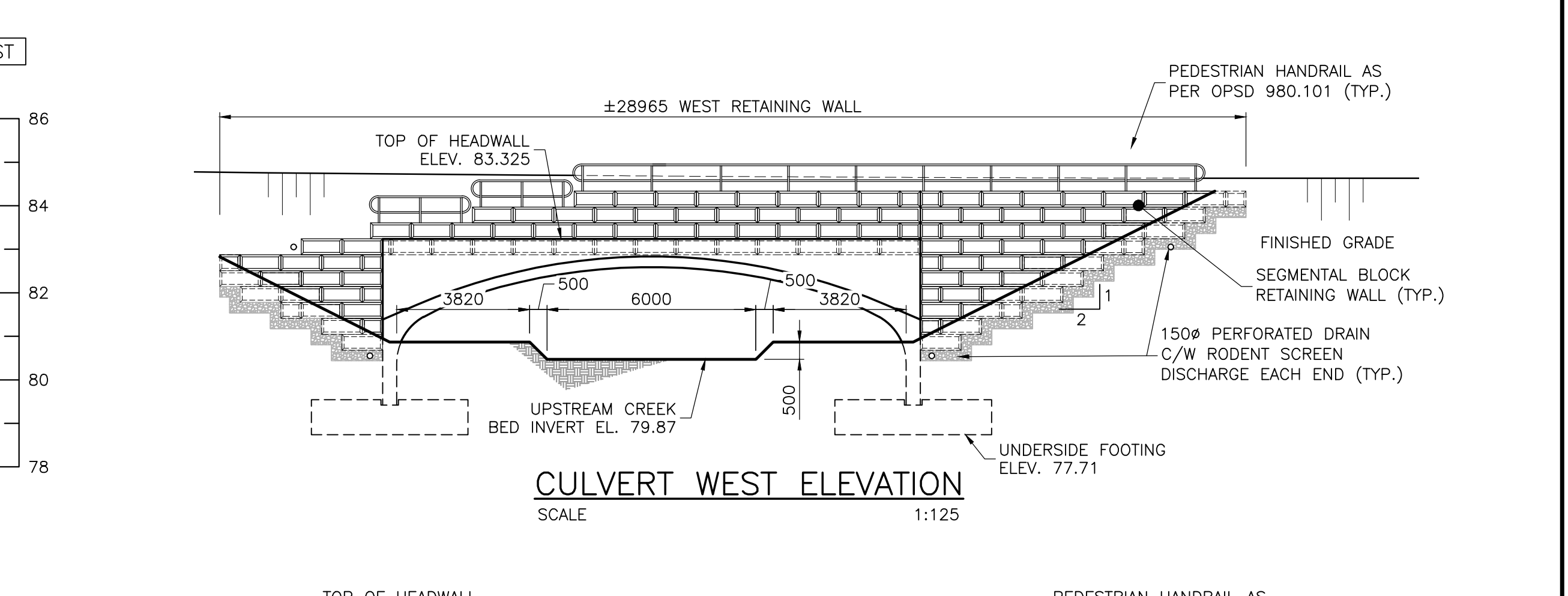
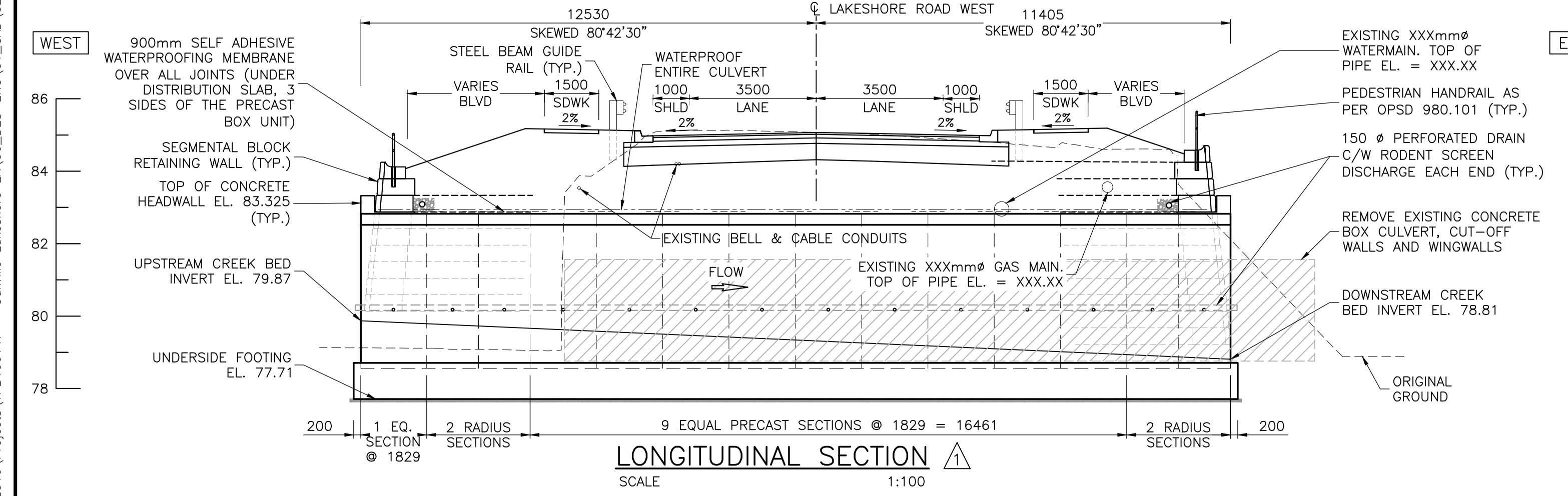
\* ELEVATION IS MEASURED TO TOP OF CULVERT SLAB AT APEX.

- NOTES:**
- DESIGN SHALL CONFORM TO THE CANADIAN HIGHWAY BRIDGE DESIGN CODE, CAN/CSA-S6-14, DESIGN LIVE LOADING IS CL-625-ONT.
  - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF THE EXISTING AND PROPOSED WORK AND ALL DETAILS ON SITE AND REPORT DISCREPANCIES TO THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING WITH THE WORK.
  - ALL SERVICES ARE TO BE ACCURATELY LOCATED PRIOR TO CONSTRUCTION AND ADEQUATE PROTECTION PROVIDED AT ALL TIMES. ANY INTERFERENCE OF EXISTING SERVICES OR UTILITIES WITH PROPOSED STRUCTURE OR CONSTRUCTION OPERATIONS IS TO BE REPORTED TO THE ENGINEER PRIOR TO THE COMMENCING OF CONSTRUCTION.
  - THE SPECIFIED COMPRESSIVE CONCRETE STRENGTH (AT 28 DAYS) SHALL BE:  
FOR PRECAST UNITS: 40MPa CLASS C-1  
FOR CAST-IN-PLACE: 30MPa CLASS F-1
  - CLEAR COVER TO REINFORCING STEEL IN CONCRETE SHALL BE:  
PRECAST CONCRETE  
- BOTTOM OF CULVERT TOP SLAB 40mm ±10mm  
- REMAINDER 50mm ±10mm  
CAST-IN-PLACE CONCRETE  
- 100mm ±25mm - CONCRETE AGAINST OR PERMANENTLY EXPOSED TO EARTH  
- 70mm ±20mm - REMAINDER, UNLESS OTHERWISE NOTED.
  - DETAIL, BEND, PLACE AND SUPPORT REINFORCING STEEL TO CONFORM TO THE REINFORCING STEEL MANUAL OF STANDARD PRACTICE AND CSA A23.1-09, UNLESS NOTED OTHERWISE.
  - EXPOSED EDGES TO BE CHAMFERED 20x20 EXCEPT AS NOTED.
  - REINFORCING SHALL BE DEFORMED WELDED WIRE FABRIC TO ASTM A497M (Fy=500 MPa) AND DEFORMED BARS CONFORMING TO CSA STANDARD G30.18-09m, GRADE 400W.
  - CONTRACTOR TO DESIGN, SUPPLY AND INSTALL PRECAST REINFORCED CONCRETE UNITS FOR THE SIZE, DEPTH AND LOADS INDICATED ON THE DRAWINGS, DETAILS FOR HEADER WALLS TO BE AS SHOWN.
  - PROVIDE WATER TIGHT JOINTS BETWEEN ALL PRECAST CONCRETE SEGMENTS AS PER MANUFACTURER SPECIFICATIONS.
  - DIMENSIONS AND ELEVATION SHOWN TO EXISTING CONDITIONS ARE TO BE FIELD VERIFIED.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER STRUCTURAL DETAIL DRAWINGS.
  - SOIL BEARING CAPACITY:  
SERVICEABILITY LIMIT STATE: 150 KPa (UNFACTORED)  
ULTIMATE LIMIT STATE: 200 KPa (FACTORED)  
THE GEOTECHNICAL ENGINEER TO VERIFY THIS REQUIREMENT PRIOR TO PLACING BOX CULVERT AND CONCRETE.
  - DO NOT SCALE THESE DRAWINGS.



- CONSTRUCTION NOTES:**
- BACKFILL SHALL BE PLACED SIMULTANEOUSLY BEHIND BOTH SIDES OF CULVERT KEEPING THE HEIGHT OF THE BACKFILL APPROXIMATELY THE SAME. AT NO TIME SHALL THE DIFFERENCE IN ELEVATION BE GREATER THAN 500mm.
  - THE SUB-BASE SHALL BE FREE FROM FROZEN MATERIAL AND SHALL BE COMPACTED TO SPECIFICATIONS. FROZEN AND SOFTENED MATERIALS SHALL BE REMOVED AND REPLACED WITH SUITABLE COMPACTED MATERIALS. OBTAIN ACCEPTANCE REGARDING SUB-BASE MATERIAL AND COMPACTION FROM THE OWNER'S REPRESENTATIVE PRIOR TO PLACING CONCRETE.

**APPLICABLE STANDARDS:**  
OPSD 3190.100WALLS RETAINING AND ABUTMENT WALL DRAIN



**APPROVALS**

Design	Checked
Drawn	Checked
Scale	AS SHOWN
Date	MARCH 2022

**PRELIMINARY NOT TO BE USED FOR CONSTRUCTION**

**LAKESHORE ROAD WEST IMPROVEMENTS - McCRAANEY CREEK CULVERT REPLACEMENT TOWN OF OAKVILLE**

**GENERAL ARRANGEMENT**

**wood.**

Contract No. \_\_\_\_\_  
Consultant File No. **TPB166147**  
Drawing No. \_\_\_\_\_  
SHEET **S01** OF \_\_\_\_\_

Path: P:\2016\Projects\TPB166147 - Oakville Lakeshore EA\06\_DES-ENG\01\_CAD\02\_DWG\03\_STRUC\02\_CON\TPB166147-S01.dwg  
 Plotted By: moriusz.eizenbort  
 Last Saved By: moriusz.eizenbort  
 Plotted: 2022-05-16  
 Last Saved: 2022-03-07



Click [here](#) to learn about Conservation Halton's new strategic plan.

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---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** May 19, 2022 1:50 PM  
**To:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Braden,

I hope you have been keeping well. We would like to host a virtual meeting with Conservation Halton staff to discuss McCraney Creek Bridge Replacement project. I have included Project Team's availability below. If you could please confirm Conservation Halton's staff availability, I will send out a Teams Meeting invite.

- **Tuesday, May 31:** 3-4 PM
- **Wednesday, June 1:** 10 AM-12 PM and 4 PM – 5 PM
- **Thursday, June 2:** 9:30 AM-12 PM
- **Friday, June 3:** 11 AM-12 PM

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)



---

**From:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>  
**Sent:** Friday, April 1, 2022 9:45 AM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good morning Mir,

As mentioned in my below email, please find attached Conservation Halton (CH) Cover Letter and EA Checklist which have been scoped for the McCraney Creek Bridge EA.

Thank you for providing the opportunity for CH to participate in this EA and please let me know if you have any questions regarding the materials provided at this time.

Best,

Braden

**Braden Fleming, B.Sc. (Hons), EPT, ESCP**  
Environmental Planner

*Pronouns: he/him*

**Conservation Halton**

2596 Britannia Road West, Burlington, ON L7P 0G3  
905.336.1158 x2335 | Fax 905.336.6684 | [bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)  
[conservationhalton.ca](http://conservationhalton.ca)



Click [here](#) to learn about Conservation Halton's new strategic plan.

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---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** March 10, 2022 3:03 PM

**To:** Braden Fleming <[bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)>; Laura Schreiner <[lschreiner@hrca.on.ca](mailto:lschreiner@hrca.on.ca)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** RE: McCraney Creek Bridge Replacement - Schedule 'B' Municipal Class Environmental Assessment

Hi Braden,

Thank you for sharing the checklist. Previous records of consultation with Conservation Halton regarding McCraney Creek Bridge Replacement are included in Appendix C of the Lakeshore Road West Environmental Study Report. I have extracted relevant pages from that appendix and attached for reference. This information will be helpful to get you up to speed about McCraney Creek Bridge Replacement and works completed to date.



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## **Halton Region**



## Talpur, Mir

---

**From:** Alonzo Moya, Carlos <Carlos.AlonzoMoya@halton.ca>  
**Sent:** Tuesday, October 25, 2022 4:00 PM  
**To:** Talpur, Mir  
**Cc:** Syed Rizvi; Eric Chan; Sinke, David; Felker, Bob; Vijayakumar, Roslyn; Shams, Aniq; Connell, Kate  
**Subject:** RE: McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Mir,

Thank you for the opportunity to provide comments on the draft Project File Report for the McCraney Creek Bridge Replacement.

The Water and Wastewater Infrastructure Planning team has reviewed the project file report, and we note no further comments. Thank you for including information on the 300 mm watermain and the 1200 mm sanitary sewer near the project area. Our team agrees with the commitment to consult and coordinate with the Region during the detailed design stage should any Regional water and wastewater infrastructure be impacted.

Please do not hesitate to contact me if you have any questions or comments.

Best regards,  
Carlos

### Carlos Alonzo Moya, M.A.Sc., EIT

Project Manager I  
Infrastructure Planning & Policy  
Public Works  
Halton Region  
905-825-6000, ext. | 1-866-442-5866



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---

**From:** Talpur, Mir <mir.talpur@wsp.com>  
**Sent:** Tuesday, October 11, 2022 10:40 AM  
**To:** 'Talpur, Mir' <mir.talpur@wsp.com>  
**Cc:** Syed Rizvi <syed.rizvi@oakville.ca>; Eric Chan <eric.chan@oakville.ca>; Sinke, David <david.sinke@wsp.com>; Felker, Bob <bob.felker@wsp.com>; Vijayakumar, Roslyn <roslyn.vijayakumar@wsp.com>; Shams, Aniq

<aniqa.shams@wsp.com>

**Subject:** RE: McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

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**11 October 2022**

Good Morning,

This is a gentle reminder email regarding the review of the **“Draft” Project File Report** for **McCraney Creek Bridge Replacement Class Environmental Assessment**. We would appreciate if you could provide any comments on the report by **October 26, 2022**. After this review period, we will finalize the report and issue it for a formal 30-day review period along with a Notice of Completion.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner  
*He/Him*

M+ 1 647-545-8974

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP.

---

**From:** Talpur, Mir

**Sent:** Monday, September 26, 2022 9:39 AM

**To:** 'Talpur, Mir' <[mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Eric Chan <[eric.chan@oakville.ca](mailto:eric.chan@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>; Vijayakumar, Roslyn <[roslyn.vijayakumar@woodplc.com](mailto:roslyn.vijayakumar@woodplc.com)>; Shams, Aniq <[aniqa.shams@woodplc.com](mailto:aniqa.shams@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Draft Project File Report (Government Agencies)

**26 September 2022**

**McCraney Creek Bridge Replacement  
Municipal Class Environmental Assessment  
Draft Project File Report**

The Town of Oakville has is undertaking an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. A Public Information Centre was hosted from June 16 to June 30, 2022 to share the recommended solution for bridge replacement.

The Study Team has now prepared the **“Draft” Project File Report** for this Class EA Study. You are invited to review the draft report and provide any comments by **October 26, 2022**. After this review period, the Study Team will finalize the report and issue it for a formal 30-day review period along with a Notice of Completion.

Download Link:  [11- McCraney Creek Bridge - Draft Project File Report-26-09-2022](#)

Feel free to contact me if you encounter any issues with downloading the file, or if you prefer any other method of file transfer.

Sincerely,



**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

*He/Him*

M+ 1 647-545-8974

E [mir.talpur@wsp.com](mailto:mir.talpur@wsp.com)

#

WSP E&I Canada Limited

3450 Harvester Road, Suite 100

Burlington, Ontario

L7N 3W5 Canada

[wsp.com](http://wsp.com)

Please be aware that, effective September 21st, 2022, Wood Environment & Infrastructure Solutions Canada Limited was acquired by WSP.#

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-LAEHhHzdJzBITWfa4Hgs7pbKl

## Vijayakumar, Roslyn

---

**From:** Sardena, Cindy <Cindy.Sardena@halton.ca>  
**Sent:** Thursday, June 16, 2022 12:53 PM  
**To:** Talpur, Mir  
**Cc:** Syed Rizvi; Sinke, David; jill.macinnes@oakville.ca; Felker, Bob  
**Subject:** FW: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hello Mir, I was forwarded your Notice of Study Commencement for the McCraney Creek Bridge Replacement. As your project progresses, feel free to reach out to me and I can provide you with the information on the Regional assets in your work area. There is currently a 300mm PVC watermain located on Lakeshore Road West at the bridge site, I can help connect you with the appropriate Public Works staff who will provide additional information regarding the watermain work, including permits, plan & profile drawings etc.

I look forward to working with you,

Cindy

### Cindy Sardena, C.Tech

#### Project Manager I

Infrastructure Planning & Policy

Public Works

Halton Region

905-825-6000, ext. 7329 | 1-866-442-5866



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---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** Monday, June 6, 2022 1:50 PM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Jill MacInnes <[jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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6 June 2022

## **McCraney Creek Bridge Replacement Notice of Study Commencement and Online Public Information Centre Municipal Class Environmental Assessment**

The Town of Oakville has initiated an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. The purpose of this email is to share the attached notice with you and invite you to participate in the upcoming Public Information Centre (PIC).

The Town is hosting a Public Information Centre to share the recommended solution for bridge replacement. Information materials will be available on the [project webpage](#), from **June 16 to June 30, 2022**. We encourage you to participate in the PIC by reviewing the information materials and providing any comments on the online comment form by **June 30, 2022**. You are also invited to attend the **Online Presentation on Tuesday, June 21, 2022, at 6 p.m.** where there will be an opportunity to ask any questions of the study team and provide comments. Please refer to the attached notice and visit project webpage for further details.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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The logo for Wood Group PLC, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid dot.

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## Vijayakumar, Roslyn

---

**From:** Talpur, Mir  
**Sent:** Wednesday, June 22, 2022 11:39 AM  
**To:** Stark, Shannon  
**Cc:** Syed Rizvi; Sinke, David; Felker, Bob; Chipps, Steve; Vijayakumar, Roslyn  
**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre  
**Attachments:** INFORMATION FOR LOCATION.docx; Lakeshore Rd W & Whittington Pl, Oakville.pdf; O-10929.tif

Hi Shannon,

Thank you very much for prompt response and sharing the attached information.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

[www.woodplc.com](http://www.woodplc.com)

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---

**From:** Stark, Shannon <Shannon.Stark@halton.ca>

**Sent:** Wednesday, June 22, 2022 11:16 AM

**To:** Talpur, Mir <mir.talpur@woodplc.com>

**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Mir,

Please see the attached files.

Let me know if you need more information.

Disclaimer: *'Please note the Regional Municipality of Halton, it's employees, officers and agents are not responsible for any errors, omissions or inaccuracies, whether due to their negligence or otherwise. All information should be verified.'*

Best regards,

Shannon Stark

**Public Works Permits**

Infrastructure Planning & Policy

Public Works

**Halton Region**

905-825-6000, ext. 6032 | 1-866-442-5866



**Shannon Stark, B.Tech, Arch.Tech**

**Permit Coordinator**

Infrastructure Planning & Policy

Public Works

**Halton Region**

905-825-6000, ext. 7040 | 1-866-442-5866



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---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** Wednesday, June 22, 2022 9:50 AM  
**To:** Sardena, Cindy <[Cindy.Sardena@halton.ca](mailto:Cindy.Sardena@halton.ca)>  
**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; [jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca); Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>  
**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Cindy,

Thank you for reaching out. I would greatly appreciate if you could put me in touch with the appropriate Regional staff that can share information about the Regional asset in our project area. Any information (documents, maps, drawings, etc.) would be great. We would also appreciate any requirements from Region's end that should be considered during detailed design phase. We will

include this information in the Project File Report as a future commitment for the detailed design phase. Thanks

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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---

**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** Monday, June 6, 2022 1:50 PM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Jill MacInnes <[jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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6 June 2022

## **McCraney Creek Bridge Replacement Notice of Study Commencement and Online Public Information Centre Municipal Class Environmental Assessment**

The Town of Oakville has initiated an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. The purpose of this email is to share the attached notice with you and invite you to participate in the upcoming Public Information Centre (PIC).

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Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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The logo for the company 'wood.' is displayed in a bold, dark blue, lowercase sans-serif font. The period at the end of the word is a standard size, matching the other characters.

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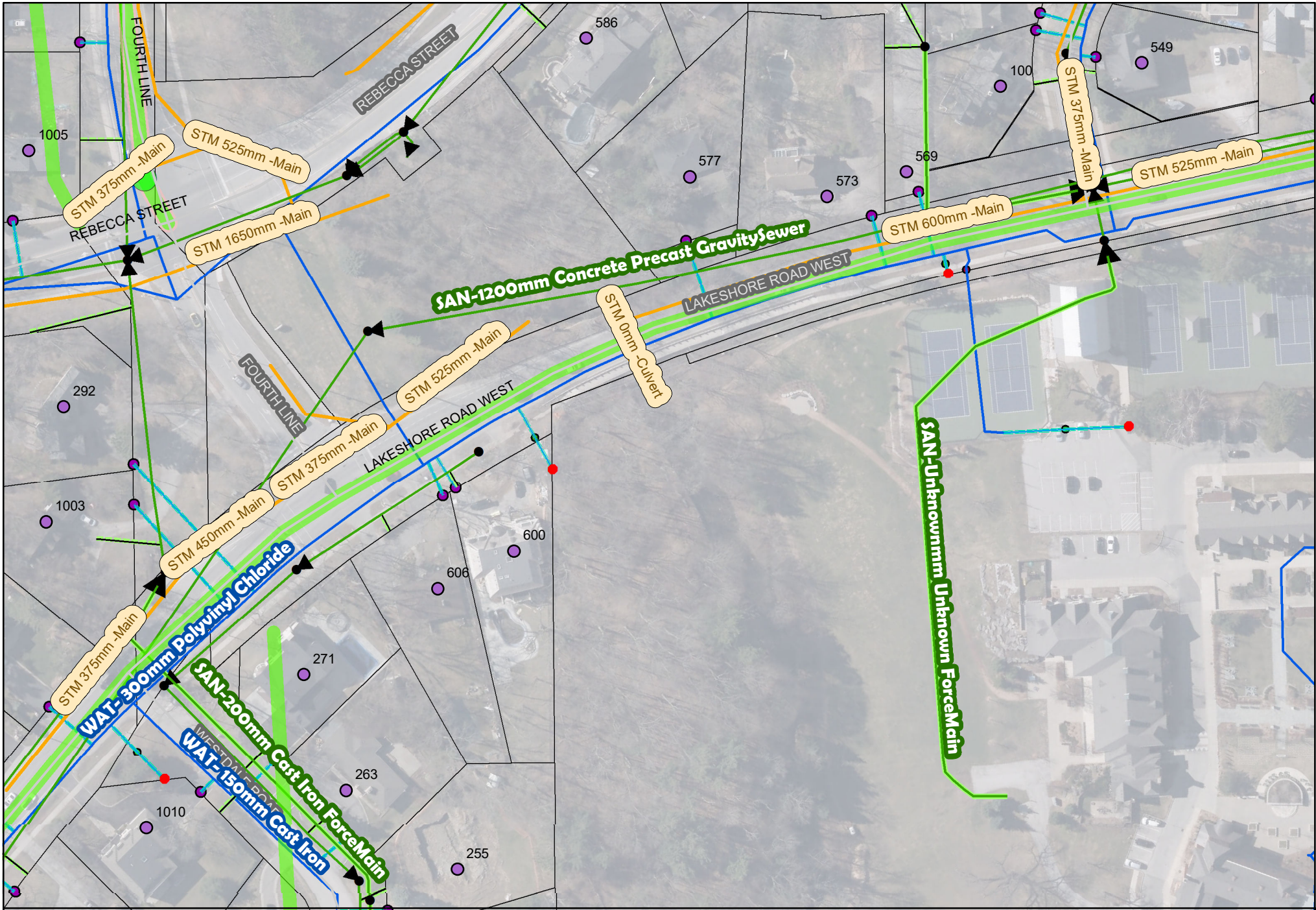
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- Maintenance Hole
- Hydrant
- ▶ Sewer Main
- ▶ Watermain
- Service Lateral
- Service Lead
- Storm Main

## McCraney Creek Bridge Replacement

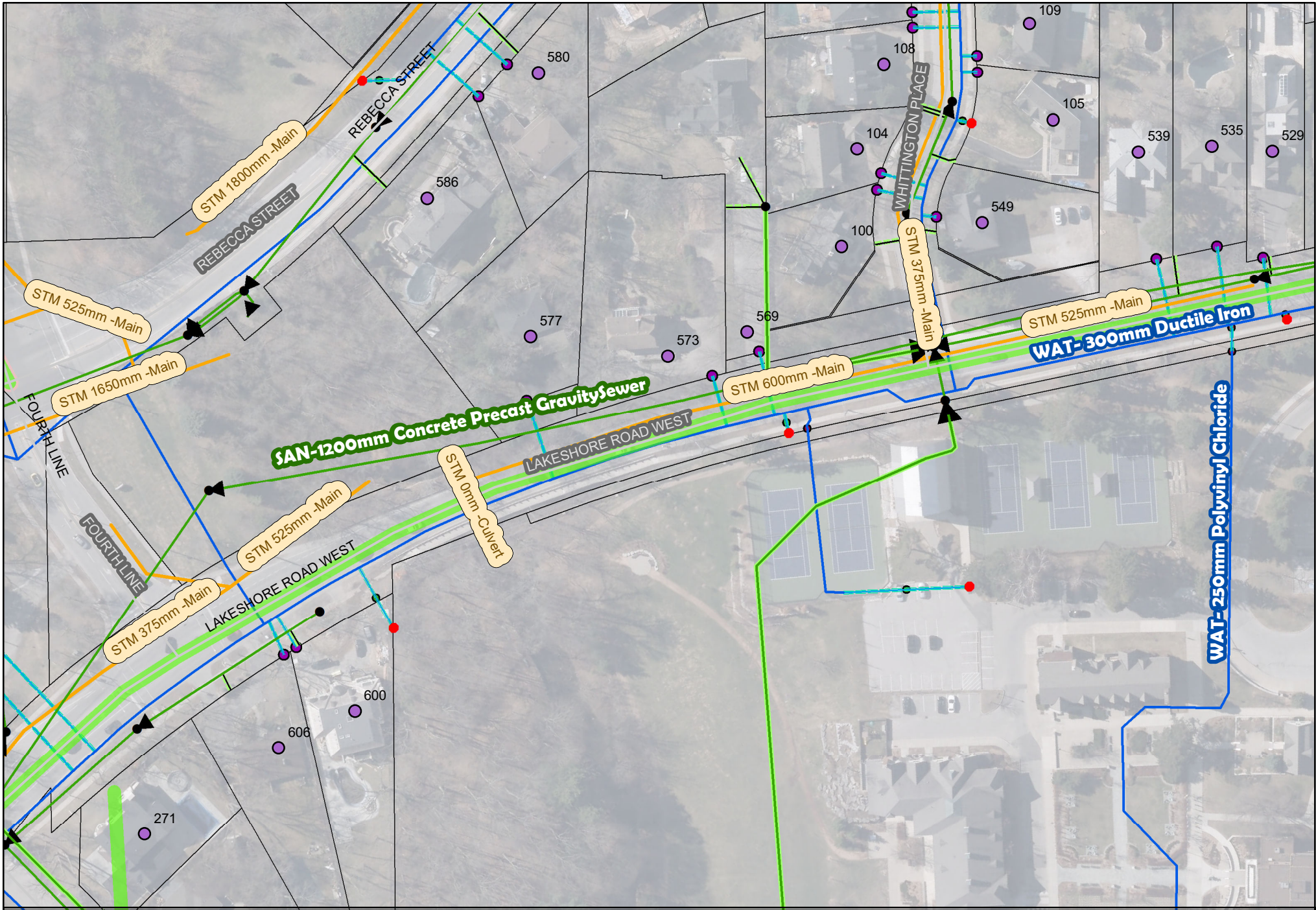


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Public Works Information



- Maintenance Hole
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- Storm Main

## McCraney Creek Bridge Replacement

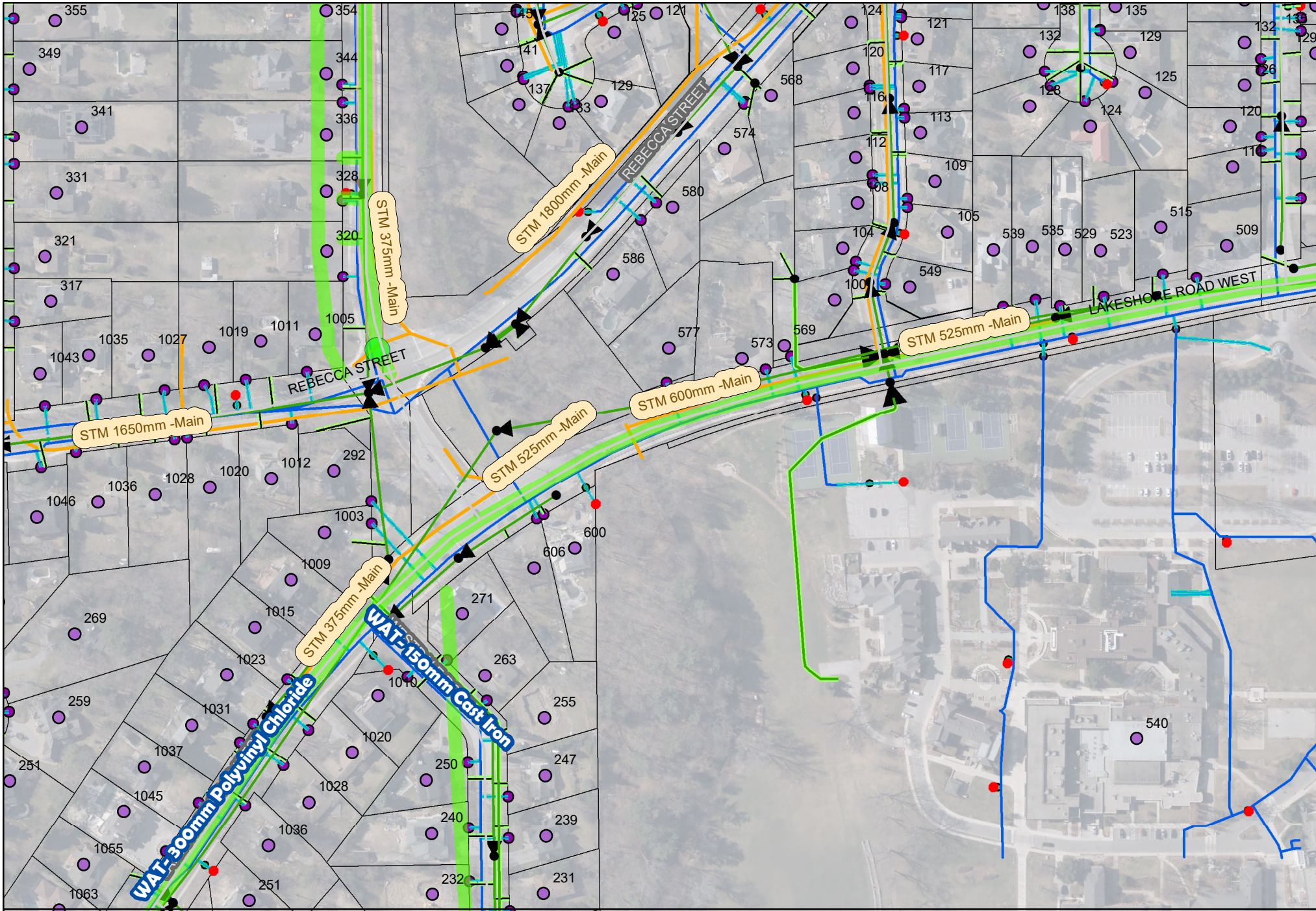


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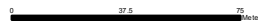


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 Created: Nov 30, 2021  
 Public Works Information



- MaintenanceHole
- Hydrant
- SewerMain
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## McCraney Creek Bridge Replacement



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 Public Works Information

**Vijayakumar, Roslyn**

---

**From:** Steiger, Bernie <Bernie.Steiger@halton.ca>  
**Sent:** Monday, July 4, 2022 1:24 PM  
**To:** Talpur, Mir  
**Cc:** Ireland, Heather  
**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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Hi Mir,  
Apologies for the delay in response.

I am Bernie Steiger, Acting-Manager –South for Community Planning at the Region of Halton. We have received your noticed. I just wanted to advise that we do intend on commenting in relation to ROP policies on the Regional Natural Heritage System. Heather Ireland (cc'd hereto) who is in our Planning Policy Division will be reviewing it. Our comments may come directly from Policy or via me.

I am not certain if our Public Works (e.g Operations) will be commenting –I am following up there.

I trust that this is of assistance,

Thanks,

Bernie

**Bernie Steiger, MCIP, RPP**  
**Acting Manager-South**  
Planning Services  
Legislative & Planning Services  
**Halton Region**  
905-825-6057 Ext. 7060 | 1-866-442-5866



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**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Sent:** Monday, June 6, 2022 1:50 PM

To: Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

Cc: Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Jill MacInnes <[jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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6 June 2022

## **McCraney Creek Bridge Replacement Notice of Study Commencement and Online Public Information Centre Municipal Class Environmental Assessment**

The Town of Oakville has initiated an environmental assessment for the replacement of the McCraney Creek Bridge that is located over McCraney Creek, on Lakeshore Road West immediately to the east of Fourth Line. The bridge was built in 1940. Due to its deteriorating condition, ongoing erosion and risk of flooding, the bridge requires replacement. The purpose of this email is to share the attached notice with you and invite you to participate in the upcoming Public Information Centre (PIC).

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Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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The logo for Wood, featuring the word "wood." in a bold, lowercase, sans-serif font. The period is a solid dot.

**From:** [Connell, Kate](#)  
**To:** [Syed Rizvi](#); [Talpur, Mir](#)  
**Cc:** [Longworth, Erin](#); [Alonzo Moya, Carlos](#); [Steiger, Bernie](#)  
**Subject:** RE: McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre  
**Date:** Wednesday, July 27, 2022 9:41:41 AM  
**Attachments:** [image001.png](#)  
[Figures - R1.pdf](#)

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Good morning Syed and Mir,

Hope all is well.

Our group (Water & Wastewater Infrastructure Planning) was circulated with the Notice of Commencement and PIC below for the McCraney Bridge Replacement EA. We understand that the timeframe for comments has expired, but we did want to provide you with the following as the EA moves forward (regarding water and wastewater).

We have reviewed existing and planned infrastructure in the area surrounding the McCraney Creek Bridge and note the following (associated mapping is attached):

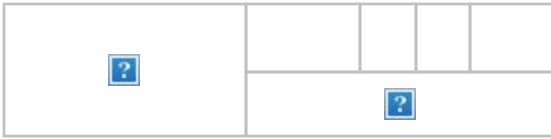
- There is a 300 mm PVC watermain going along Lakeshore Road West at the proposed site
- There is a 1200 mm Precast Concrete sewer pipe close to the proposed site
- There are no planned water or wastewater development projects planned in the immediate area to the 2031 time horizon.
- There are no planned state-of-good-repair projects planned in the immediate area to the 2031 time horizon

Plans to protect, re-locate or remove any water or wastewater infrastructure as a result of this project should be noted in EA reporting.

We would like to be included on future submissions for this project.

Kind Regards,  
Kate

**Kate Connell, P. Eng.**  
**Supervisor Water & Wastewater Planning**  
Infrastructure Planning & Policy  
Public Works  
**Halton Region**  
905-825-6000, ext. 3112 | 1-866-442-5866



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**From:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Sent:** Monday, June 6, 2022 1:50 PM

**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>

**Cc:** Syed Rizvi <[syed.rizvi@oakville.ca](mailto:syed.rizvi@oakville.ca)>; Jill MacInnes <[jill.macinnes@oakville.ca](mailto:jill.macinnes@oakville.ca)>; Sinke, David <[david.sinke@woodplc.com](mailto:david.sinke@woodplc.com)>; Felker, Bob <[bob.felker@woodplc.com](mailto:bob.felker@woodplc.com)>

**Subject:** McCraney Creek Bridge Replacement - Notice of Study Commencement and Online Public Information Centre

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6 June 2022

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Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**

Environmental Planner

Mobile: +1 (647) 545 8974

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**Erin Longworth, P.Eng., PMP**  
Manager of Water & Wastewater Planning  
Infrastructure Planning & Policy  
Public Works

**From:** [Talpur, Mir](#)  
**To:** [Steiger, Bernie](#)  
**Cc:** [Mark.Andrews@halton.ca](mailto:Mark.Andrews@halton.ca); [Syed Rizvi](#); [Eric Chan](#); [Sinke, David](#); [Felker, Bob](#); [Vijayakumar, Roslyn](#)  
**Subject:** RE: Region of Halton, Planning Services Comments. McCraney Creek /Lakeshore Road bridge replacement EA.  
**Date:** Tuesday, August 30, 2022 11:38:24 AM  
**Attachments:** [image001.png](#)

---

Hello Bernie,

Thank you for sharing Halton Region's policy comments on McCraney Creek Bridge Replacement Municipal Class Environmental Assessment. We have provided our responses in **red** below.

Please let me know if you have any questions.

Sincerely,

Mir

**Mir Ahsan Talpur, M.Env.Sc., EP**  
Environmental Planner  
Mobile: +1 (647) 545 8974  
[www.woodplc.com](http://www.woodplc.com)



---

**From:** Steiger, Bernie <[Bernie.Steiger@halton.ca](mailto:Bernie.Steiger@halton.ca)>  
**Sent:** Tuesday, August 9, 2022 3:53 PM  
**To:** Talpur, Mir <[mir.talpur@woodplc.com](mailto:mir.talpur@woodplc.com)>  
**Cc:** Andrews, Mark <[Mark.Andrews@halton.ca](mailto:Mark.Andrews@halton.ca)>  
**Subject:** Region of Halton, Planning Services Comments. McCraney Creek /Lakeshore Road bridge replacement EA.

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Hi,

The Community Planning Div. of Planning Services/LPS Department has reviewed this proposed EA in relation to the policies of the Region's Official Plan and offer the following comments.

I apologize for the delay in our response.

**Background:**

It is the Region's understanding that the purpose of the proposed Municipal Class EA is to

consider options to replace the existing bridge/culvert that was constructed in 1940, which has been deemed structurally deficient and subject to severe erosion by McCraney Creek. The preferred option is to replace the structure and to realign a portion of McCraney Creek north of Lakeshore Road West to Rebecca Street to address erosion issues and improve the flows of the creek. Further, it is the Region's understanding that emergency repair works were conducted recently to temporarily stabilize the slope as a portion of the bridge wall has collapsed.

### **Region Official Plan designations:**

The subject lands are designated "Urban Area" in the Region's Official Plan (ROP). The 'Urban Area' designation under Section 76 permits uses in accordance with the Local Official Plan and Zoning By-law and all development shall be subject to the policies of this Plan. The Urban Area policies also requires development in the Greenfield Area to contribute to the achieving of development density targets established by the Plan, contribute to healthy communities, and provide a range and mix of uses to support vibrant neighbourhoods.

The subject lands are also located within lands that are designated Regional Natural Heritage System (RNHS) on Map 1 of the ROP. Additionally, the subject lands contain or are adjacent to:

- Features identified as Key Features, as illustrated on Map 1G of the ROP, including:
  - o Potential Significant woodlands;
  - o Potential Significant Valleylands;
  - o Potential fish habitat;
  - o Potential habitat of endangered or threatened species; and
  - o Potential significant wildlife habitat.
- Areas identified as an enhancement area, linkage and buffer.
- Watercourse, floodplain and slope hazards Regulated by Conservation Halton (CH).

The following comments are provided in relation to RNHS policies:

#### 1) Conservation Halton

Conservation Halton (CH) staff provides environmental advisory services to the Region and Town in relation to the protection of certain natural heritage features and areas and natural hazard management. It is recommended that CH staff comments relating to the protection of natural heritage features and areas including potential Significant Wildlife Habitat and natural hazard management be addressed to their satisfaction prior to the commencement of any proposed works.

The Study Team has consulted with Conservation Halton as part of this Class EA Study to share the details of the proposed works and to obtain any feedback/comments. Their questions were addressed and commitments have been identified to address some of their comments during the detailed design phase (e.g., need for additional natural environment

study). The commitments for future work are being included in the Environmental Assessment Report (called the Project File Report). This report will be shared with government agencies (such as Conservation Halton and Halton Region) for review, comments and confirmation of future commitments. We anticipate sharing this draft report with government agencies and Indigenous Nations in September 2022.

## 2) Impact on RNHS

The Region's Natural Heritage System (RNHS) has been identified within the study area as shown on Map 1 and Map 1G of the Regional Official Plan (ROP). Section 118(2) of the ROP states that it is the policy of the Region to apply a systems based approach to implementing the RNHS by not permitting the alteration of any components of the RNHS unless it has been demonstrated that there will be no negative impacts on the Key Features and their ecological functions.

As per s.117.1 of the ROP, "essential transportation facilities" are permitted within the RNHS, subject to other policies of the ROP, and applicable Local Official Plan policies and Zoning By-laws. "Essential transportation facilities" are those that are deemed necessary to the public interest after all alternatives have been considered and, where applicable, as determined through the Environmental Assessment (EA) process.

Through the preparation of the Municipal Class EA study for McCraney Creek bridge replacement, the study should demonstrate that the proposed works are deemed essential, and that all other relevant and applicable natural heritage policies of the ROP are addressed.

The Project File Report will include a description of the need of the proposed works and why they are necessary to the public interest (i.e., Problem and Opportunity Statement), and a discussion of alternatives that were identified and evaluated to identify a preferred solution. This report will also include a discussion on the policies that are applicable to this project.

## 3) Region Woodlands

The treed areas on and adjacent to the subject site may be considered woodlands and are regulated by the Halton Region Tree By-law No. 121-05. The applicants are advised that any future tree removals within these areas may require prior authorization from the Region. Any questions regarding the Tree By-law can be directed to Kevin Pangborn or Candace Karandiuk, Regional Foresters, at 905-825-6000 x7206/7279.

The Project File Report will include a commitment to complete a tree inventory and obtain authorization for any tree removals from the Halton Region during detailed design phase of this project. We will also add Kevin to the Study Contact List for any future communication.

## 4) Tree Removals

It should be identified through the study process, through an arborist report or equivalent if any proposed tree removals will occur.

Environmental planning staff recommend that the above-noted comments are addressed through the study process including any applicable comments from CH with regards to certain natural heritage features and natural hazards.

Some tree removals will be required as a result of proposed works. However, in order to identify the number of tree removals, the design will need to be advanced at a greater level of detail to understand the potential impacted areas. This detailed level of design for bridge replacement and creek realignment works will be completed during detailed design phase this project (i.e., the next phase). At this current stage, the Project File Report will include a commitment to complete a tree inventory, confirm the number of tree removals through the development of an arborist report and tree removal and replacement plan(s), and obtain authorization for any tree removals from the Halton Region during detailed design phase of this project.

### **Transportation Policies:**

Section 173 (Part IV-Healthy Communities: Transportation) includes the following policies:

16 Implement, in conjunction with the Local Municipalities, a network of cycling facilities in *Halton* by requiring, in any re-construction or widening of *Arterial Roads*, that consideration be given to the inclusion of such facilities within the Arterial right-of-way.

17. Require, in the environmental assessment of any *Arterial Road* project, to address whether there are other transportation alternatives and how the project would implement the transportation *goals, objectives* and *policies* of this Plan and to consider, where appropriate, alternative design standards to mitigate environmental and social impact.

Lakeshore Road is shown as an Arterial Road on Map 3 (Functional Plan of Major Transportation Facilities) of the ROP. As such it falls within the definition of “Arterial Road” under the Plan.

As such the EA should address 173(17) and further to 173(16) the Town is encouraged to design the new bridge to accommodate any planned active transportation facilities for Lakeshore Road.

The intent of current study is to address McCraney Creek Bridge Replacement. The Town will undertake a separate undertaking to identify active transportation facilities for Lakeshore Road West in a larger corridor context, however, the proposed design for the bridge does not preclude the addition of active transportation facilities along the corridor, in the future.

I trust that these comments are of assistance. If you have any questions please let me know. Thanks.

Bernie

**Bernie Steiger, MCIP, RPP**

**Acting Manager-South**

Planning Services

Legislative & Planning Services

**Halton Region**

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