

APPENDIX C:
Public and Agency Correspondence



STUDY COMMENCEMENT
Comments

AGENCY COMMENTS

From: Smythe, Liam (He/Him) (MCM)
To: comments@hwy401mallorytowntobrockville.ca
Cc: Werner-Hill, Julie; Leclerc, Erika (MCM); Barboza, Karla (She/Her) (MCM)
Subject: MCM Response - Notice of Study Commencement – Highway 401 Mallorytown to Brockville (GWP 4011-22-00) [MCM File # 0021257]
Date: Friday, May 31, 2024 8:05:57 AM
Attachments: [image001.png](#)
[2024-05-31_TIP_401Mallorytown_MCM_InitialLetter.pdf](#)

You don't often get email from liam.smythe@ontario.ca. [Learn why this is important](#)

Good morning,

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Study Commencement for the above-referenced project.

Please find MCM's initial letter on this project attached. Do not hesitate to contact us if you have any questions or require further information.

Best regards,

Liam Smythe

Heritage Planner | Citizenship, Inclusion and Heritage Division
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-301-4797 | Liam.Smythe@ontario.ca



Taking pride in strengthening Ontario, its places and its people

Sent on behalf of Erika Leclerc, Heritage Planner

From: Werner-Hill, Julie <Julie.Werner-Hill@stantec.com>
Sent: May 1, 2024 1:17 PM
To: comments@hwy401mallorytowntobrockville.ca
Subject: Notice of Study Commencement – Highway 401 Mallorytown to Brockville (GWP 4011-22-00)

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

Good afternoon,

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Preliminary Design and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of bridges and culverts, interchange modifications, and identifying the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 2.8 km west of the Mallorytown Road Interchange to 2.1 km west of the Steward Boulevard interchange (approximately 21.6 km) in the Townships of Elizabethtown-Kitley and Front of Yonge, in the United Counties of Leeds and Grenville.

As indicated in the attached notice, this study is being carried out in accordance with the approved environmental planning process for Group 'B' projects under the *MTO Class Environmental Assessment (Class EA) for Provincial Transportation Facilities and Municipal Expressways (2024)*, and includes undertaking environmental and engineering field investigations; and seeking input from the public, local municipalities, external ministries/agencies, businesses and Indigenous communities. This study will also include reviewing existing conditions, developing and evaluating alternatives, identifying appropriate improvements, and developing environmental protection and mitigation measures. A Recommended Plan will be confirmed and designated (protected) at the completion of the study.

Two Public Information Centres (PICs) are planned as part of this study. In addition, a Transportation Environmental Study Report (TESR) will be prepared and made available for 30 day public comment period upon completion of preliminary design. Notices of these key study milestones will be sent to those on the study mailing list.

The purpose of this email is to introduce you to the project and to seek your input on the existing conditions within the study, and to identify any issues, concerns or approval requirements that your organization may have. It would be appreciated if you could kindly provide your initial comments via email by June 7, 2024.

You are encouraged to visit the project website, www.hwy401mallorytowntobrockville.ca to obtain additional study information and/or to submit comments to the study team. If you have any questions regarding the study, please contact the undersigned, or one of the individuals named in the attached notice.

Regards,

Julie Werner-Hill B.A., GISP
Environmental Planner, GIS Analyst

Direct: 905 381-3245
Julie.Werner-Hill@stantec.com

Stantec
200-835 Paramount Drive
Stoney Creek ON L8J 0B4



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Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

May 2, 2024

Dear Gregg Cooke and David Brake

**SUBJECT: RE: Notice of Study Commencement – Highway 401 East of Brockville
(GWP 4111-22-00)**

The Ministry of Natural Resources and Forestry (MNRF) received the Notice of Study of Commencement on May 1, 2024. Thank you for circulating this to our office. Please note that we have not completed a screening of natural heritage or other resource values for the project at this time. This response, however, does provide information to guide you in identifying and assessing natural features and resources as required by applicable policies and legislation, as well as engaging with the Ministry for advice as needed.

Please also note that it is the proponent's responsibility to be aware of, and comply with, all relevant federal or provincial legislation, municipal by-laws, or other agency approvals.

Natural Heritage

MNRF's natural heritage and natural resources GIS data layers can be obtained through the Ministry's [Land Information Ontario \(LIO\)](#) website. You may also view natural heritage information online (e.g., Provincially Significant Wetlands, ANSI's, woodlands, etc.) using the [Make a Map: Natural Heritage Areas](#) tool.

We recommend that you use the above-noted sources of information during the review of your project proposal.

Natural Hazards

A series of natural hazard technical guides developed by MNRF are available to support municipalities and conservation authorities implement the natural hazard policies in the Provincial Policy Statement (PPS). For example, standards to address flood risks and the potential impacts and costs from riverine flooding are addressed in the *Technical Guide River and Stream Systems: Flooding Hazard Limit (2002)*. We recommend that you consider these technical guides as you assess specific improvement projects that can be undertaken to reduce the risk of flooding.

Petroleum Wells & Oil, Gas and Salt Resources Act

There may be petroleum wells within the proposed project area. Please consult the Ontario Oil, Gas and Salt Resources Library website (www.ogsrlibrary.com) or [GeoHub](#) for the best-known data on any wells recorded by MNRF. Please reference the 'Definitions and Terminology Guide' listed in the publications on the library website to better understand the well information available. Any oil and gas wells in your project area are regulated by the *Oil,*

Gas and Salt Resource Act, and the supporting regulations and operating standards. If any unanticipated wells are encountered during development of the project, or if the proponent has questions regarding petroleum operations, the proponent should contact the Petroleum Operations Section at POSRecords@ontario.ca or 519-873-4634.

Fish and Wildlife Conservation Act

Please note, that should the project require:

- The relocation of fish outside of the work area, a Licence to Collect Fish for Scientific Purposes under the *Fish and Wildlife Conservation Act* will be required.
- The relocation of wildlife outside of the work area (including amphibians, reptiles, and small mammals), a Wildlife Collector's Authorization under the *Fish and Wildlife Conservation Act* will be required.

Public Lands Act & Lakes and Rivers Improvement Act

Some Project may be subject to the provisions of the *Public Lands Act* or *Lakes and River Improvement Act*. Please review the information on MNRF's web pages provided below regarding when an approval is, or is not, required. Please note that many of the authorizations under the *Lakes and Rivers Improvement Act* are administered by the local Conservation Authority.

- For more information about the *Public Lands Act*: <https://www.ontario.ca/page/crown-land-work-permits>
- For more information about the *Lakes and Rivers Improvement Act*: <https://www.ontario.ca/page/lakes-and-rivers-improvement-act-administrative-guide>

After reviewing the information provided, if you have not identified any of MNRF's interests stated above, there is no need to circulate any subsequent notices to our office. If you have identified any of MNRF's interests and/or may require permit(s) or further technical advice, please direct your specific questions to matthew.shakespeare@ontario.ca.

If you have any questions or concerns, please feel free to contact me.

Best Regards,

[original signed by]

Matthew Shakespeare
Regional Lands Intern
Ministry of Natural Resources and Forestry (MNRF)
(705) 772 9310
Matthew.shakespeare@ontario.ca

From: Southern Region Planning Inbox (MNRF)
To: comments@hwy401eastofbrockville.ca
Subject: RE: Notice of Study Commencement – Highway 401 East of Brockville (GWP 4111-22-00)
Date: Thursday, May 2, 2024 11:00:44 AM
Attachments: [image001.png](#)
[MNRFCComments_EastofBrockville_05-02-2024.pdf](#)

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Good morning,

The Ministry of Natural Resources and Forestry (MNRF) confirms receipt of the Notice of Study Commencement for the Notice of Study Commencement for a Class EA Study on Highway 401 East of Brockville. Thank you for circulating the Notice to the MNRF. Please note that MNRF has not completed screening of natural heritage or other resource values, but please see the attached for information to guide you in identifying and assessing natural features and resources as required by applicable policies and legislation, as well as engaging with the Ministry for advice as needed.

In the future, you can send any Environmental Assessment files to sr.planning@ontario.ca and our team will triage it to someone. Thank you and have a good day!

Best regards,

Matthew Shakespeare (he/him)

Regional Lands Intern | Regional Resource Advisory Team
Ministry of Natural Resources and Forestry | Ontario Public Service
705-772-9310 | matthew.shakespeare@ontario.ca



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Please note: As part of providing [accessible customer service](#), if you have any accommodation needs, require communication supports, or alternate formats please let me know.

From: Werner-Hill, Julie <Julie.Werner-Hill@stantec.com>
Sent: May 1, 2024 1:14 PM
To: comments@hwy401eastofbrockville.ca
Subject: Notice of Study Commencement – Highway 401 East of Brockville (GWP 4111-22-00)

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

Good Afternoon,

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Preliminary Design and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of one bridge and one culvert, and

identifying the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 0.75 km east of North Augusta Road to 3.3 km west of Maitland Road (approximately 2.6 km), in the Township of Elizabethtown-Kitley, east of Brockville, in the United Counties of Leeds and Grenville.

As indicated in the attached notice, this study is being carried out in accordance with the approved environmental planning process for Group 'B' projects under the *MTO Class Environmental Assessment (Class EA) for Provincial Transportation Facilities and Municipal Expressways (2024)*, and includes undertaking environmental and engineering field investigations; and seeking input from the public, local municipalities, external ministries/agencies, businesses and Indigenous communities. This study will also include reviewing existing conditions, developing and evaluating alternatives, identifying appropriate improvements, and developing environmental protection and mitigation measures. A Recommended Plan will be confirmed and designated (protected) at the completion of the study.

Two online Public Information Centres (PICs) are planned as part of this study. In addition, a Transportation Environmental Study Report (TESR) will be prepared and made available for 30 day public comment period upon completion of preliminary design. Notices of these key study milestones will be sent to those on the study mailing list.

The purpose of this email is to introduce you to the project and to seek your input on the existing conditions within the study, and to identify any issues, concerns or approval requirements that your organization may have. It would be appreciated if you could kindly provide your initial comments via email by June 7, 2024.

You are encouraged to visit the project website, www.hwy401eastofbrockville.ca to obtain additional study information and/or to submit comments to the study team. If you have any questions regarding the study, please contact the undersigned, or one of the individuals named in the attached notice.

Regards,

Julie Werner-Hill B.A., GISP
Environmental Planner, GIS Analyst

Direct: 905 381-3245
Julie.Werner-Hill@stantec.com

Stantec
200-835 Paramount Drive
Stoney Creek ON L8J 0B4



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**Ministry of Citizenship
and Multiculturalism****Ministère des Affaires civiques
et du Multiculturalisme**

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 416-305-0757

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 416-305-0757



May 31, 2024

EMAIL ONLY

Gregg Cooke
Consultant Project Manager
Stantec Consulting Ltd.
200-835 Paramount Drive
Stoney Creek, ON L8J 0B8
comments@hwy401mallorytowntobrockville.ca

MCM File : **0021257**
Your File : **GWP 4011-22-00**
Proponent : **Ministry of Transportation**
Subject : **Class Environmental Assessment for Provincial Transportation
Facilities and Municipal Expressways – Group B – Preliminary
Design and Class Environmental Assessment - Notice of Study
Commencement**
Project : **Highway 401 Planning Study from Mallorytown to Brockville**
Location : **Townships of Elizabethtown-Kitley and Front of Yonge, United
Counties of Leeds and Grenville**

Dear Gregg Cooke:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Study Commencement for the above-referenced project.

MCM's interest in this environmental assessment (EA) process relates to its mandate of conserving cultural heritage, which include:

- archaeological resources, including land and marine;
- built heritage resources, including bridges and monuments; and
- cultural heritage landscapes.

Project Summary

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Preliminary Design, and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of bridges and culverts, interchange modifications, and identifying the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 2.8 km west of the Mallorytown Road Interchange to 2.1 km west of the Stewart Boulevard interchange (approximately 21.6 km), in the Townships of Elizabethtown-Kitley and Front of

Yonge, in the United Counties of Leeds and Grenville. The purpose of the study is to identify a Recommended Plan that addresses current and future transportation needs in the study area as part of the Ministry's ongoing review of safety and operational needs for the provincial highway network.

This study is a "Group B" project under the Class Environmental Assessment (EA) for Provincial Transportation Facilities and Municipal Expressways (2024).

MCM is interested in remaining on the circulation list and being informed of the project as it proceeds through the EA process and has the following comments and observations:

Provincial Heritage Properties

Please note that the [Standards and Guidelines for Conservation of Provincial Heritage Properties](#) (S&G), prepared pursuant to Section 25.2 of the *Ontario Heritage Act (OHA)*, came into effect on July 1, 2010. All Ontario government ministries and public bodies that are prescribed under Ontario Regulation 157/10 must comply with the S&Gs. They apply to property that is owned or controlled by the Crown in right of Ontario or by a prescribed public body.

Potential Study Area

For the purposes of investigating the potential impacts of the project on cultural heritage resources, the study area is defined as all lands to be impacted/disturbed by proposed rehabilitation and construction activities within the existing and proposed highway right-of-way, plus any access roads, detours, staging and storage areas, and areas of other works and activities associated with the construction, operation and maintenance of the highway.

Archaeological Resources

This EA project may impact archaeological resources. Please confirm whether the study area has been screened for archaeological potential and/or is subject of an archaeological assessment. Please provide us with the Project Information Form number if an assessment has been undertaken or initiated.

If not, the ministry's [Criteria for Evaluating Archaeological Potential](#) can assist you to determine if an archaeological assessment is needed.

If it is determined that the project area exhibits archaeological potential, an archaeological assessment is necessary, and must be undertaken by an archaeologist licensed under the *Ontario Heritage Act*. This includes any temporary roads/detours or work areas associated with the project. The licensed archaeologist will submit all completed archaeological assessment reports to MCM for review. Stage 1 AA should be submitted prior to the issuance of the notice of completion.

Built Heritage Resources and Cultural Heritage Landscapes

This EA project may impact built heritage resources and cultural heritage landscapes. Please confirm that the study area has been screened for potential for these resources and/or the subject of a cultural heritage resource assessment or cultural heritage evaluation.

Additionally, to determine whether this undertaking may impact on (recognized or potential) heritage bridges, Section 3.0 of the Ontario Heritage Bridge Guidelines (MTO, Interim January 2008) is of assistance.

As the proposed work involves the replacement of a culvert, please note that the Ministry of Transportation (MTO) has developed the following reference materials, which should be consulted when dealing with culverts:

Structural Culvert Heritage Screening Form

Heritage Screening Report for Structural Culverts

For copies of these reference materials, please contact the MTO Environmental Planner.

Should the structure meet any of the criteria, a cultural heritage evaluation report (CHER) shall be undertaken by a qualified person. If the structure is found to be of cultural heritage value or interest and the structure may be impacted by the proposed undertaking, then a heritage impact assessment (HIA) shall be undertaken by a qualified person. The HIA shall follow the guidance in the Information Bulletin 3 - Heritage Impact Assessments for Provincial Heritage Properties (MCM, 2017). The report(s) should be completed during the planning phase and sent to the Ministry of Citizenship and Multiculturalism (Heritage Planning Unit).

The report(s) should also be forwarded to the planning staff at the local municipality for review and, if requested, to the municipal heritage committee or any local heritage organization that may have an interest in the project.

EA Documentation

All technical cultural heritage studies (e.g., archaeological assessment reports, cultural heritage evaluation report, heritage impact assessment) and their recommendations are to be addressed and incorporated into EA projects. Please advise MCM whether any technical cultural heritage studies will be completed for this EA project, and provide them to MCM before issuing a notice of completion. If screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed screening checklists and supporting documentation in the EA report or file (or share this documentation with MCM during the notice of completion).

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage have 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. Please continue to send any notices, report and/or documentation to both Karla Barboza and myself.

- Karla Barboza, Team Lead - Heritage | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-660-1027 | karla.barboza@ontario.ca
- Erika Leclerc, Heritage Planner | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-305-0757 | Erika.Leclerc@ontario.ca

Thank you for circulating MCM on this project. Please do not hesitate to contact the undersigned if you have any questions.

Best regards,

Liam Smythe

Sent on behalf of:

Erika Leclerc
Heritage Planner
Heritage Planning Unit
Erika.Leclerc@ontario.ca

Copied to: David Blake, Senior Project Manager, MTO
Julie Werner-Hill, Environmental Planner, Stantec
Karla Barboza, Team Lead, Heritage Planning Unit, MCM

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

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 engage a licensed consultant archaeologist to carry out an archaeological assessment, 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 the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at 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*.

MUNICIPAL TECHNICAL ADVISORY COMMITTEE MEETING 1



hwy401.eastofbrockville.ca

Highway 401 East of Brockville
Planning, Preliminary Design, and
Class Environmental Assessment Study

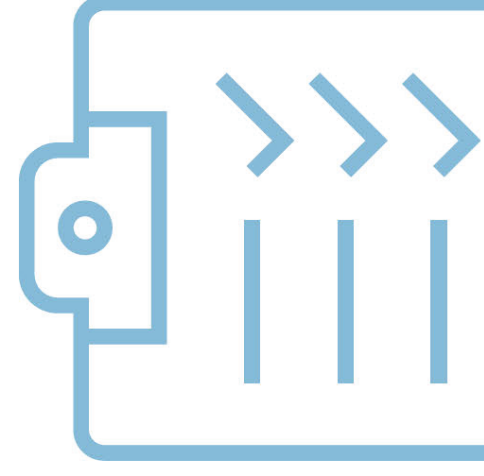
GWP 4111-22-00

Municipal Technical Advisory
Committee Meeting # 1
September 5, 2024



Agenda

- Introductions
- About the Project
- Problems and Opportunities
- Environmental Assessment Process
- Consultation
- Investigations
- Existing Study Area Conditions
- Preliminary Design Alternatives
- Next Steps
- Discussion

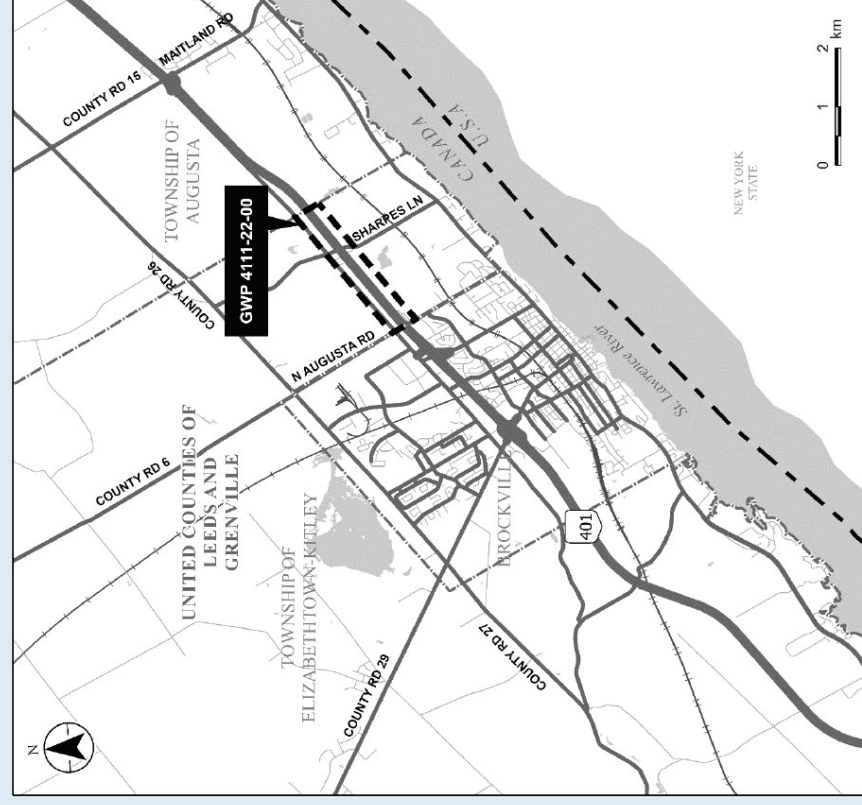


About The Project

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Planning, Preliminary Design, and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of Sharpe's Lane bridge and Butler Creek culvert, and identifying the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 0.75 km east of North Augusta Road to 3.3 km west of Maitland Road (approximately 2.6 km), in the Township of Elizabethtown-Kitley, east of Brockville, in the United Counties of Leeds and Grenville.

Highway 401 is a controlled-access 400-series provincial highway that connects southwestern Ontario (Windsor) to Quebec, a total of 830 km. The highway, and the structures along it, were built in the 1950s and 1960s.

As part of this study, the project team will be reviewing existing conditions, developing and evaluating alternatives, identifying appropriate improvements, and developing environmental protection and mitigation measures. At the completion of the study, a recommended plan for the Highway 401 study area will be confirmed and designated (i.e. protected).



Class Environmental Assessment Process Group 'B' Projects

Environmental Assessment Process

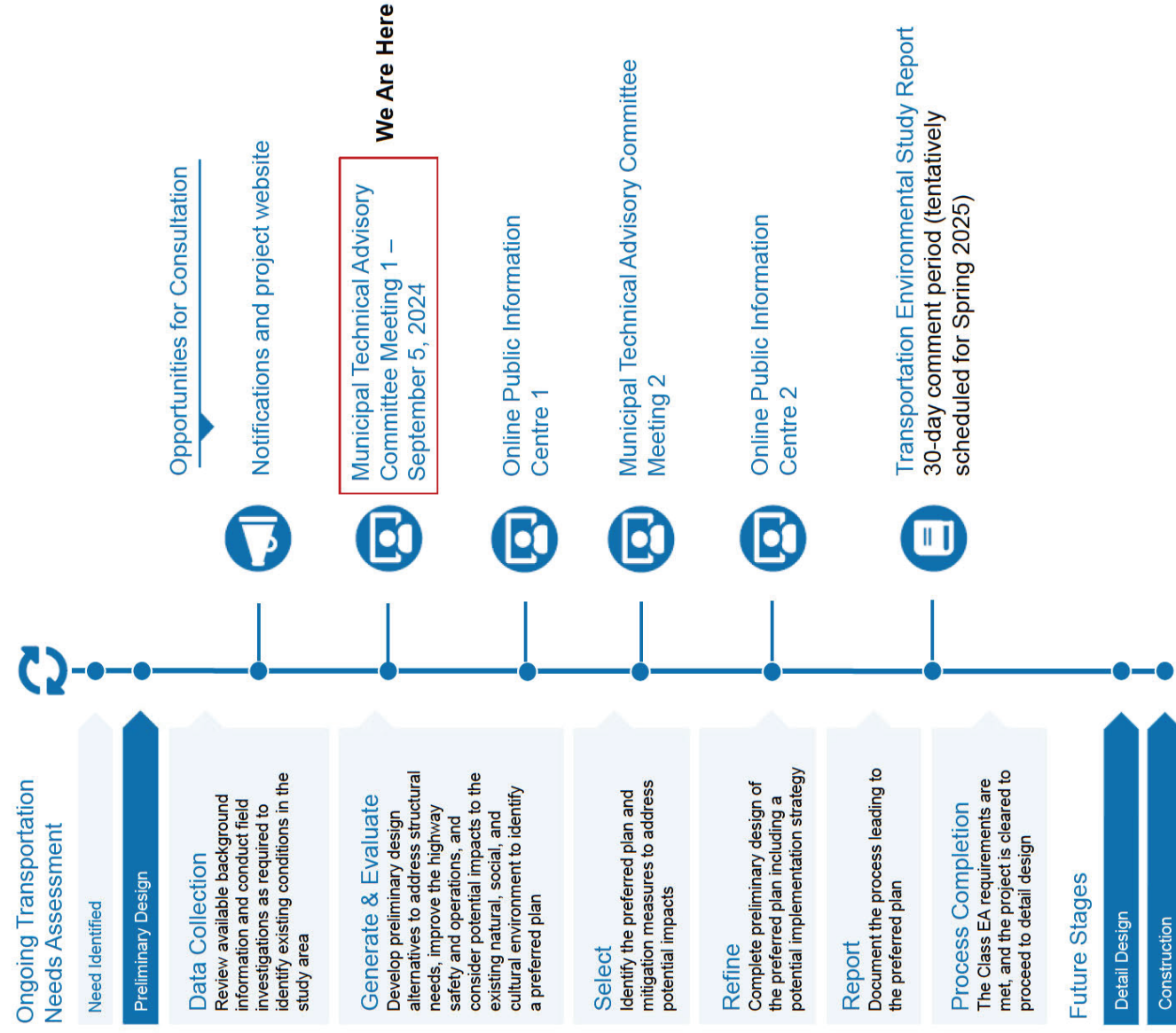
This study is being carried out under the requirements of the Class Environmental Assessment for Provincial Transportation Facilities and Municipal Expressways (2024), which is approved under the Ontario Environmental Assessment Act for provincial transportation projects of a defined scope and magnitude.

The MTO Class EA process is an approved process for highway planning, design, and construction projects. The study is following a Group 'B' process, which includes major improvements to existing provincial transportation facilities.

In 2019, modernization of the MTO Class EA (2000) was initiated to optimize the Class EA process by removing redundancies and expediting planning to facilitate a more streamlined implementation process. Amendments to the Class EA were approved in December 2023 and February 2024, and Class EA was renamed the Class Environmental Assessment for Provincial Transportation Facilities and Municipal Expressways (2024). As part of the amendments, the EA process is now complete at the end of Preliminary Design, following the 30-day comment period for the Notice of Completion.

As part of the new MTO Class EA (2024), Preliminary Design is the primary opportunity to provide feedback on the project. Opportunities for meaningful consultation in future stages of the project will be minimal.

At the end of the study, a Transportation Environmental Study Report (TESR) will be prepared and made available for a 30-day comment period.



Problems And Opportunities

The purpose of the study is to identify a recommended plan that addresses current and future transportation needs in the study areas as part of the Ministry's ongoing review of safety and operational needs for the provincial highway network. This study will include reviewing existing conditions, developing and evaluating alternatives, identifying a preferred plan, and developing environmental protection/mitigation measures.

At the completion of the study, a Recommended Plan for Highway 401 will be confirmed and designated (i.e., protected). The Ministry will be registering a designation of a proposed highway plan based on the future needs determined by this Planning and Preliminary Design study. A designation is a mechanism for the Ministry to provide route/corridor protection as well as impose development control measures along the corridor and on adjoining owners. This type of designation is most often used where lands are still under private ownership, sometimes years in advance of intended property acquisition and construction.

This study has been initiated to address the following problem and opportunities:

Problem

- Sharpe's Lane Bridge and Butler Creek Culvert are nearing the end of their service life and will require rehabilitation and/or replacement in the near future
- The existing Highway 401 platform cannot accommodate the traffic staging required to rehabilitate or replace Sharpe's Lane Bridge and Butler Creek Culvert

Opportunities

- Develop appropriate rehabilitation or replacement strategies to maintain the safe operation of the highway corridor for the current and future planning horizons
- Identify the ultimate footprint for the Highway 401 corridor to address current and future transportation needs

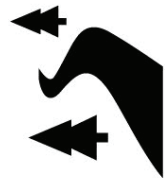


Consultation

- Public Notices
- Project Website (www.hwy401eastofbrockville.ca)
- Public Information Centres (2)
- Indigenous Consultation
- Municipal Consultation
- Municipal Technical Advisory Committee Meetings (2)
- External Agencies (Ministry of Natural Resources and Forestry; Ministry of Citizenship and Multiculturalism; Ministry of Environment, Conservation and Parks)
- Industry and Business Owner Consultation
- Transportation Environmental Study Report (TESR) Public Comment

Investigations

In accordance with the MTO class environmental assessment process, this study includes engineering and environmental specialists who are carrying out background studies and site-specific investigations to support the development and the evaluation of alternatives, and identify potential impacts and mitigation measures. The investigations for this study include, but are not limited to, the following:



Engineering Investigations

- Highway
- Traffic and Safety
- Bridge
- Drainage and Hydrology
- Geotechnical
- Foundations
- Electrical



Natural Environment Investigations

- Terrestrial
- Aquatic
- Species at Risk



Socio-Economic Investigations

- Heritage
- Noise and Air Quality
- Groundwater
- Archeology
- Contamination

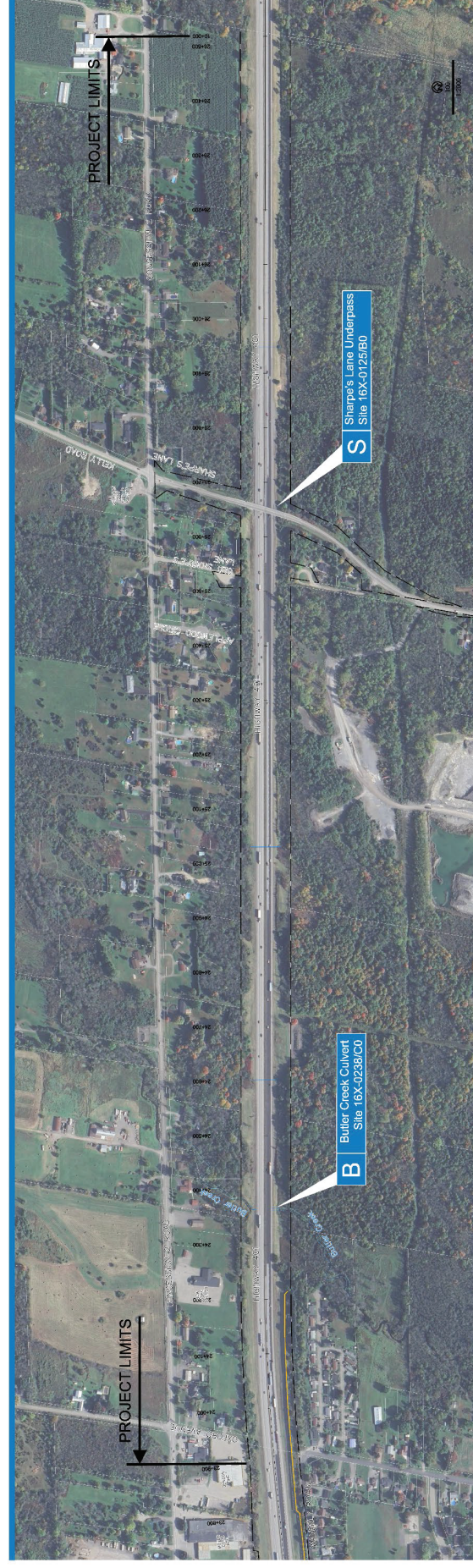
Alternatives To The Undertaking

The Class EA requires that 'reasonable alternatives' be considered to address identified problems. This involves two levels of analysis. The Alternatives to the Undertaking considers a broad range of alternatives that could address the project needs. Once the best alternative is selected, the Alternative Methods of Carrying out the Undertaking can be studied.

The Alternatives to the Undertaking identified for this study are listed below.

Alternatives to the Undertaking	Does it address the problems?
<p>Do Nothing Rehabilitate Sharpe's Lane Bridge and Butler Creek Culvert with no accommodation for the Highway 401 footprints for interim six and ultimate eight lanes.</p>	<p><input checked="" type="checkbox"/> Does not address structural replacement needs and anticipated future growth needs. Do not carry forward.</p>
<p>Transportation Demand Management (TDM) TDM shifts demand on the highway network by shifting demands to the time periods outside of the critical congestion periods and shifts demand to alternative modes of transportation.</p>	<p><input checked="" type="checkbox"/> Does not address structural replacement needs. Do not carry forward.</p>
<p>Improve Adjacent Road Systems Expansion of existing municipal and regional road networks.</p>	<p><input checked="" type="checkbox"/> Does not address structural replacement needs. Do not carry forward.</p>
<p>Improved Provincial Transportation Facility Replace Sharpe's Lane Bridge and rehabilitate or replace Butler Creek Culvert to accommodate the Highway 401 footprints of interim six and ultimate eight lanes.</p>	<p><input checked="" type="checkbox"/> Addresses structural and anticipated growth needs. Carry forward.</p>

Project Overview



Bridge Improvement

The Sharpe's Lane bridge is approaching the end of its service life and will need to be replaced. The bridge will need to accommodate the future Highway 401 footprint for interim six lanes and ultimate eight lanes.

> for more details, see:

[Bridge Improvement Alternatives](#)

S Sharpe's Lane bridge over Highway 401



Highway 401 Improvements

The study includes establishing the future Highway 401 footprint for the interim six lanes and ultimate eight lanes configurations.

> for more details, see:

[Highway 401 Alternatives](#)



Drainage Improvements

There is a structural culvert at Butler Creek which is approaching the end of its service life and will need to be rehabilitated or replaced. The culvert will need to accommodate the future Highway 401 footprint for interim six lanes and ultimate eight lanes. Existing structural and non-structural culverts are shown on the plan above.

> for more details, see:

[Drainage Improvements](#)

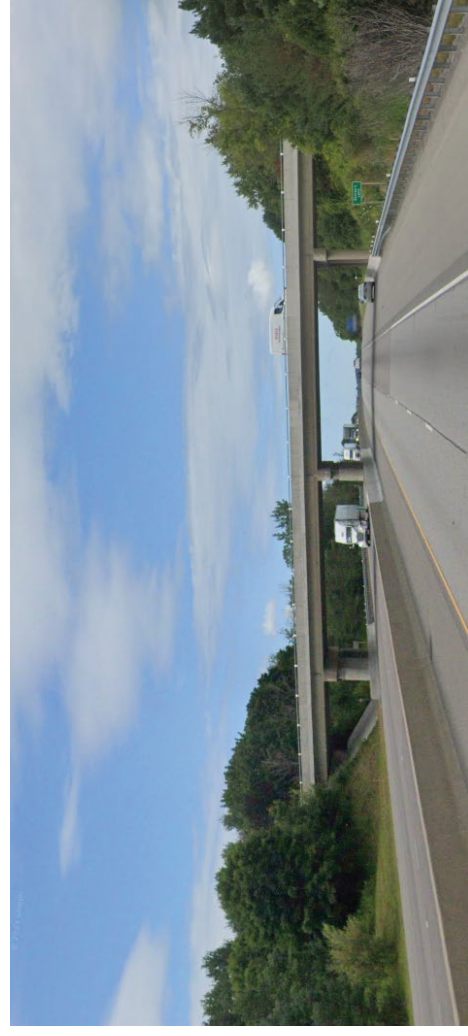
B Butler Creek Culvert

LEGEND

- Existing Highway 401 right-of-way
- Existing Structural Culvert
- Existing Non-Structural Culvert
- Existing Noise Barrier Wall



Existing Structure Conditions



Sharpe's Lane Bridge – Site 16X-0125/B0

- Spans over 4 lanes of Highway 401
- Accommodates 2 lanes of traffic on Sharpe's Lane
- Constructed in 1967 and last rehabilitation in 2017
- Structure in overall good condition
- Does not accommodate the future Highway 401 footprint for an interim six lanes and ultimate eight lanes



Butler Creek Culvert – Site 16X-0238/C0

- Rigid frame structure
- Accommodates 4 lanes of Highway 401
- Constructed in 1959
- Structure in fair condition with several areas of deterioration
- Does not accommodate the future Highway 401 footprint for an interim six lanes and ultimate eight lanes



Preliminary Structure Alternatives

Sharpe's Lane Bridge

Bridge Improvement Alternatives



A range of alternatives for replacing this bridge have been developed. A preliminary screening has been carried out to identify the alternatives that should be carried forward for further consideration.

Carried-forward ✓
Screened-out ✗

Bridge closed with detour



Advantages

- Retains existing alignment of Sharpe's Lane
- Less property required compared to Alternatives 2 and 3
- Faster method of construction compared to staged construction with single lane
- Lower construction staging cost compared to keeping bridge open during construction

Disadvantages

- Impacts 2 hydro poles
- Introduces up to 8 km of travel for traffic to cross Highway 401 via detour route

Note: The final detour route will be confirmed in consultation with the affected municipalities.

Bridge open with single lane



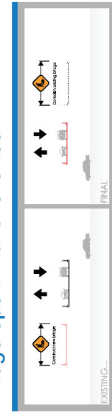
Advantages

- Retains existing alignment of Sharpe's Lane
- Maintains access across Highway 401 during construction
- Less property required compared to Alternatives 2 and 3

Disadvantages

- Impacts 2 hydro poles
- Minor traffic delays due to single lane of traffic across the bridge during construction
- Longer construction duration compared to closing the bridge
- Higher construction staging cost compared to closing the bridge

Bridge open with two lanes



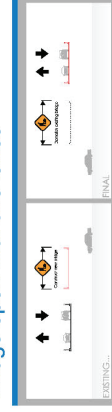
Advantages

- Maintains access across Highway 401 during construction with minimal impacts to traffic
- Similar construction duration as closing the bridge
- No hydro pole impacts

Disadvantages

- Requires alignment shift on Sharpe's Lane
- Requires more property compared to Alternatives 1 and 3
- Significantly higher cost compared to replacing on existing alignment

Bridge open with two lanes



Advantages

- Maintains access across Highway 401 during construction with minimal impacts to traffic
- Similar construction duration as closing the bridge
- Similar construction staging cost as closing the bridge

Disadvantages

- Requires alignment shift on Sharpe's Lane
- Results in undesirable horizontal curve on bridge
- Requires more property compared to Alternative 1
- Impacts 3 hydro poles
- Significantly higher cost compared to replacing on existing alignment

Do Nothing

Disadvantages

- Does not accommodate short-term or long-term structure needs

LEGEND

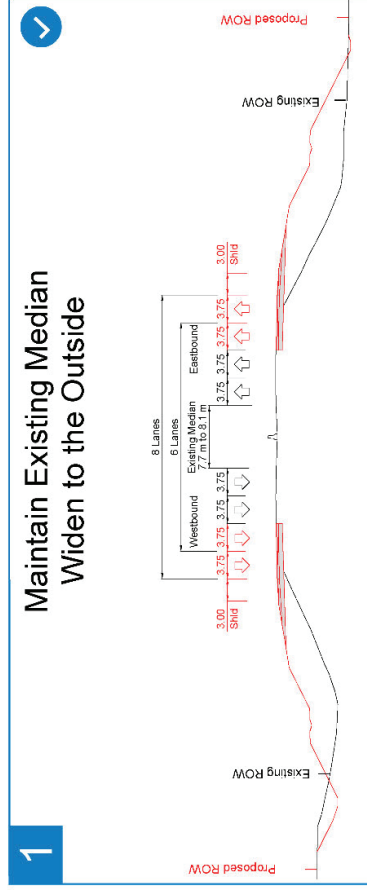
- New Roadway
- New Structure
- Property Required
- Limit of Existing MTO Right-of-way



3 of 10

Highway 401 Alternatives

Cross-Section Improvement Alternatives

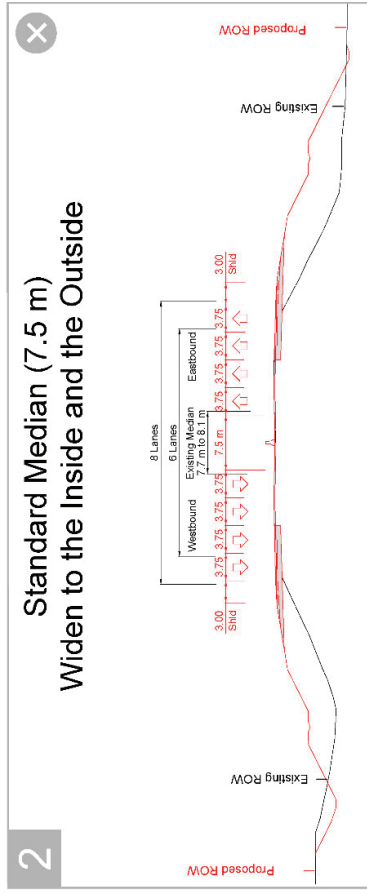


Advantages

- Retains the existing median with concrete barrier
- Minimizes impacts to traffic during construction
- Lower cost compared to Alternative 2

Disadvantages

- Requires grading outside of the existing highway footprint
- Requires more property and potential environmental impacts compared to Alternative 2



Advantages

- Provides standard median width with concrete barrier (7.5 m)
- Fewer property and potential environmental impacts compared to Alternative 1

Disadvantages

- Requires more complicated traffic staging compared to Alternative 1
- Requires reconstruction of the median including concrete barrier
- Higher cost compared to Alternative 1

LEGEND

- Existing roadway
- New roadway



Drainage Improvements



B Butler Creek Culvert

Culvert Improvement Alternatives

Replace with new culvert:

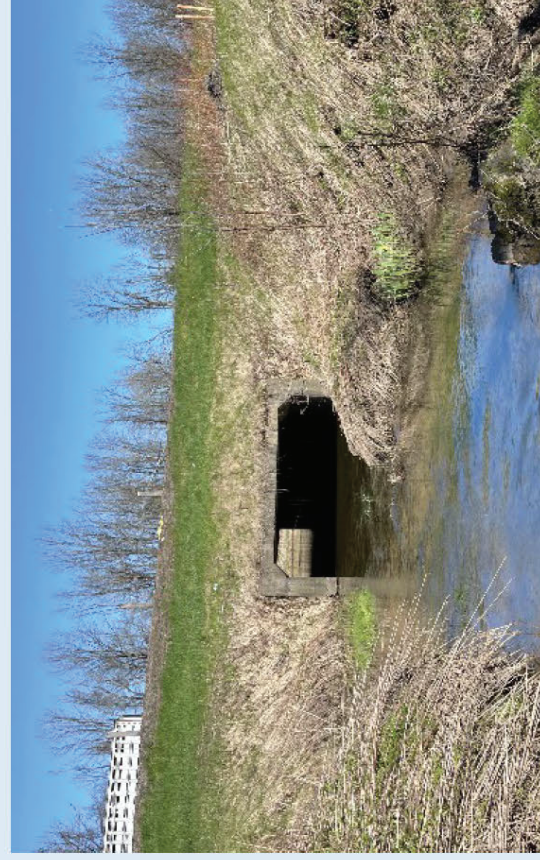
- + Long-term strategy
- + Accommodates interim (6-lane) Highway 401
- + Accommodates ultimate (8-lane) Highway 401
- Requires significant excavation

Culvert rehabilitation and retaining walls:

- Not a long-term strategy
- + Potential short-term strategy
- + Accommodates interim (6-lane) Highway 401
- Does not accommodate ultimate (8-lane) Highway 401
- Requires retaining walls

Culvert rehabilitation with extension:

- Not a long-term strategy
- + Potential short-term strategy
- + Accommodates interim (6-lane) Highway 401
- Does not accommodate ultimate (8-lane) Highway 401
- Future replacement of original culvert can be challenging



Butler Creek Culvert, Site 16X-0238/C0

Evaluation Process



Identify Criteria

Evaluation Criteria are established through:

- public input
- similar projects
- provincial guidelines
- existing conditions



Weigh Criteria

Each criterion is assigned a weight factor that best reflects its relative importance.



Evaluate Alternatives

All feasible alternatives are measured and given a score based on how well each is judged to satisfy the evaluation criteria



Rank Alternatives

The sum of the weighted scores provides a total score for each alternative. This is the basis for ranking the alternatives and identifying the Preferred Plan

How is the Recommended Plan Selected?

A detailed evaluation of alternatives will be carried out to identify an improvement plan that addresses structural and future transportation needs and provides safe operations, while minimizing the impacts to the natural, social and cultural environments. This is accomplished by identifying evaluation criteria along with their relative importance, and then ranking the overall scores of the design alternatives.

A second PIC will be scheduled following PIC 1 to present the evaluation of the alternatives and a Preferred Plan for the Highway 401 Planning Study.

The Preferred Plan

The concluding step in the analysis and evaluation process is the selection of a Preferred Plan.

This process includes:

- Reviewing the results of the analysis and evaluation based on specialist work and input received during the study
- Determining which criteria have the most influence on the outcome of the evaluation process
- Considering the sensitivity of the weightings
- Confirming the ranking of the alternatives
- Considering public/stakeholder response to the evaluation process

Preliminary Evaluation Criteria

Engineering

- Geometrics & Safety**
 - Design standards for provincial highways
 - Potential for collisions on Highway 401
 - Crossing road grades
 - Pedestrian and cyclist accommodations

Constructability

- Construction techniques
- Traffic flow and operations, including local access and out-of-way travel

Utilities

- Impacts to utilities

Cost

- Consider total cost including utility relocations and property acquisition

Community

- Property**
 - Impacts to private property
- Noise & Air Quality**
 - Proximity to residences
- Built & Cultural Heritage**
 - Impacts to potential cultural heritage resources
- Archaeology**
 - Impacts to areas of archeological potential
- Contamination**
 - Potential to encounter contaminated soils/groundwater
- Groundwater**
 - Potential to impact groundwater recharge areas and highly vulnerable aquifers

Environment

- Terrestrial Ecosystem**
 - Impacts on wildlife habitat
 - Impacts on significant trees and vegetation
- Fish & Fish Habitat**
 - Impacts to watercourses and fish and fish habitat
- Species of Conservation Concern**
 - Impacts to Species-at-Risk and habitat associated with Species-at-Risk Designated Areas
 - Impacts to Significant Ecological Area



Bridge Improvements



Culvert/Drainage Improvements



Highway Improvements

Next Steps

Current Study

● Public Information Centre 1

● Field Investigations

● Evaluation of Alternatives

● Selection of a Preferred Plan

● Public Information Centre 2

● Preliminary Design and Mitigation Measures

● Transportation Environmental Study Report (TESR) Public Review

● Process Completion

September 2024

February 2025

Spring 2025

Future Stages

Detail Design

Construction

Discussion



hwy401eastofbrockville.ca



Meeting Notes

Municipal Technical Advisory Committee Meeting #1

Highway 401 from 0.75 km east of North Augusta Road Interchange to 3.3 km west of Maitland Road Interchange, GWP 4111-22-00, Planning, Preliminary Design & Class Environmental Assessment Study Assignment Number 4023-E-0009

Project/File: 165001328
 Date/Time: September 5, 2024 / 10:00 AM
 Location: Microsoft Teams Meeting
 Next Meeting: TBD
 Attendees:

David Brake	MTO Senior Project Manager
Maddison Arsenault	MTO Environmental Planner
Matthew Burch	MTO Capital Planning and Programming
Gregg Cooke	Stantec Project Manager
Tim Belliveau	Stantec Assistant Project Manager
Nevena Gazibara	Stantec Environmental Team Lead
Shane Vanhell	Stantec Environmental Planner
Sophie Vaillancourt	Stantec Highway Engineer
Mark Fraser	Public Works, United Counties of Leeds and Grenville
Ian Nokes	Farm Policy Analyst, Ontario Federation of Agriculture
Jeff Sargent	Fire Chief, Township of Elizabethtown-Kitley
Mike Rowntree	Deputy Fire Chief, Township of Elizabethtown-Kitley
Matthew Locke	Supervisor of Transportation Services, City of Brockville
Pam Robertson	Executive Director, Brockville & District Chamber of Commerce
Paul Mesman	Manager of Plant Operations, Maintenance & Capital Projects, Catholic District School Board of Eastern Ontario
Rob Bowman	Fire Chief, Augusta Township
Ann Weir	Economic Development Manager, United Counties of Leeds and Grenville

Distribution: Project Team and Attendees

Item	Action
Introductions	
1. All meeting attendees were introduced.	
Project Overview	
2. MTO presented an overview of the assignment, noting it is comprised of two studies and that this meeting is for the study to the east of Brockville.	

Item	Action
3. Stantec began the presentation and outlined the agenda for the meeting. It was noted that two adjacent studies have been undertaken, with one east and one west of the Study Area for this assignment. A copy of the presentation is attached to the meeting notes.	
a) Ann Weir noted that a project Notice indicated that the area west of Maitland is within the Study Area. They noted that they have a particular interest in improvements to the area around Blue Church Road.	
b) David Brake indicated that Blue Church Road was included in a study for improvements to Highway 401 from Maitland to Highway 16 conducted by AECOM. David noted that the Transportation Environmental Study Report comment period ended three weeks prior to this meeting and that the study is complete. They also noted that consultation with Augusta Township has been undertaken regarding construction of an interchange at Blue Church Road, but that an interchange was not included within the scope of work for the study. The improvements include the replacement of the Blue Church Road Underpass, which would not preclude construction of an interchange in the future. It was agreed that MTO would follow up with the United Counties of Leeds and Grenville to discuss this separate study. <i>Post Meeting – David and Ann spoke about the current status of the separate study.</i>	MTO
4. Stantec presented the Project Overview slide and noted that this assignment would be designed to tie in with the adjacent studies to the east and west.	
5. Stantec continued with the presentation, providing an overview of the study problems and opportunities, the Class EA process, the consultation program for the study, a list of the investigations to be undertaken for the project, and the alternatives to the undertaking, including which alternatives would and would not be carried forward for further consideration.	
6. Stantec presented information on the existing structure conditions and the preliminary structure alternatives for both Sharpe's Lane Bridge and Butler Creek Culvert. The Highway 401 cross-section alternatives were also presented.	
Potential staging and closure information to facilitate the replacement of Sharpe's Lane Bridge was presented. It was also noted that a potential detour route along Concession Road 2, North Augusta Road, and County Road 2 would be utilized if Sharpe's Lane Bridge was closed during construction.	
7. Stantec presented the evaluation process and preliminary evaluation criteria to be used for the study. It was noted that these criteria would be presented at Public Information Centre (PIC) 1 to gather feedback, and that the weighting and evaluation will be presented during PIC 2.	
8. Stantec presented the next steps for the study and dates for upcoming milestones, including the next milestone, PIC 1, to be undertaken in Fall 2024.	
Discussion	
9. David Brake indicated that this is a long-term planning study and that construction will not be undertaken for the foreseeable future. The study is being undertaken to designate and manage the highway right-of-way and to better allow for municipalities to manage development adjacent to the corridor.	

Item	Action
They indicated that the proposed work in this study is not included in MTO's 5-year construction program.	
10. Stantec indicated that the project team is looking for input with regard to the closure of Sharpe's Lane to facilitate construction at the underpass. It was noted that the project team's preference would be to undertake a temporary full closure during construction. A full closure would minimize the duration of construction.	
a) Ian Nokes indicated that the Ontario Federation of Agriculture and farmers may have concerns with a temporary full closure of the underpass due to reducing access for farm equipment, traffic being detoured into rural areas, and the potential resultant impacts to road safety.	
b) Jeff Sargent noted that the Township of Elizabethtown-Kitley has an agreement with the City of Brockville for emergency service response in the area. They noted that, although it would be preferable to keep the underpass open, the impact of a temporary full closure would likely be minor.	
c) Ann Weir indicated that an aggregate company (Lafarge) has a quarry in the area and that, although the main access is from County Road 2, there is another access road on Sharpe's Lane due to the need for haul routes to avoid the Town of Prescott. They believe that Lafarge uses Sharpe's Lane and the underpass significantly and recommended consultation with Lafarge. Lafarge is included on the project mailing list.	Stantec
d) David Brake indicated that, when the underpass was rehabilitated in 2017/2018, Lafarge had concerns about the closure of the underpass due to impacts to their haul routes and noted that the project team will be reaching out again to Lafarge for input.	MTO/Stantec
11. David Brake noted that a presentation to the Township of Elizabethtown-Kitley council will be undertaken in late September and PIC 1 is tentatively scheduled for October 2, 2024.	
12. Stantec indicated that attendees may follow up with Nevena Gazibara should they have any comments or questions following the meeting.	

The meeting adjourned at 10:53 AM.

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

STANTEC CONSULTING LTD.

Shane Vanhell, B.Sc.
Environmental Planner
shane.vanhell@stantec.com

MUNICIPAL TECHNICAL ADVISORY COMMITTEE MEETING 2



hwy401.eastofbrockville.ca

Highway 401 East of Brockville
Planning, Preliminary Design, and
Class Environmental Assessment Study

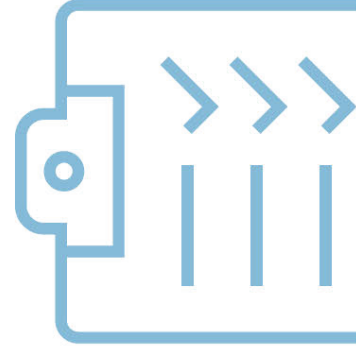
GWP 4111-22-00

Municipal Technical Advisory
Committee Meeting # 2
July 8, 2025



Agenda

- Introductions
- About the Project
- Environmental Assessment Process
- Online Public Information Centre 1 Summary
- Project Overview
- Investigations
- Evaluation
- Preferred Plan
- Potential Impacts and Proposed Mitigation Measures
- Next Steps

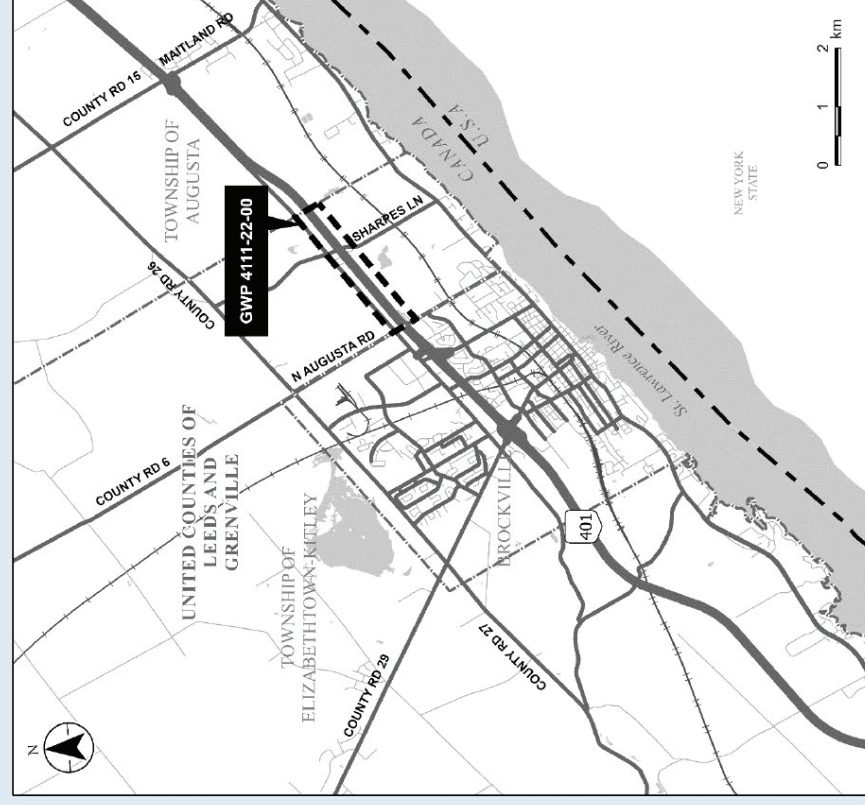


About The Project

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Planning, Preliminary Design, and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of Sharpe's Lane bridge and Butler Creek culvert, and identifying the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 0.75 km east of North Augusta Road to 3.3 km west of Maitland Road (approximately 2.6 km), in the Township of Elizabethtown-Kitley, east of Brockville, in the United Counties of Leeds and Grenville.

Highway 401 is a controlled-access 400-series provincial highway that connects southwestern Ontario (Windsor) to Quebec, a total of 830 km. The highway, and the structures along it, were built in the 1950s and 1960s.

As part of this study, the project team reviewed existing conditions, developed and evaluated alternatives, identified appropriate improvements, and developed environmental protection and mitigation measures. At the completion of the study, a recommended plan for the Highway 401 study area will be confirmed and designated (i.e. protected).



Ontario  

Class Environmental Assessment Process Group 'B' Projects

Environmental Assessment Process

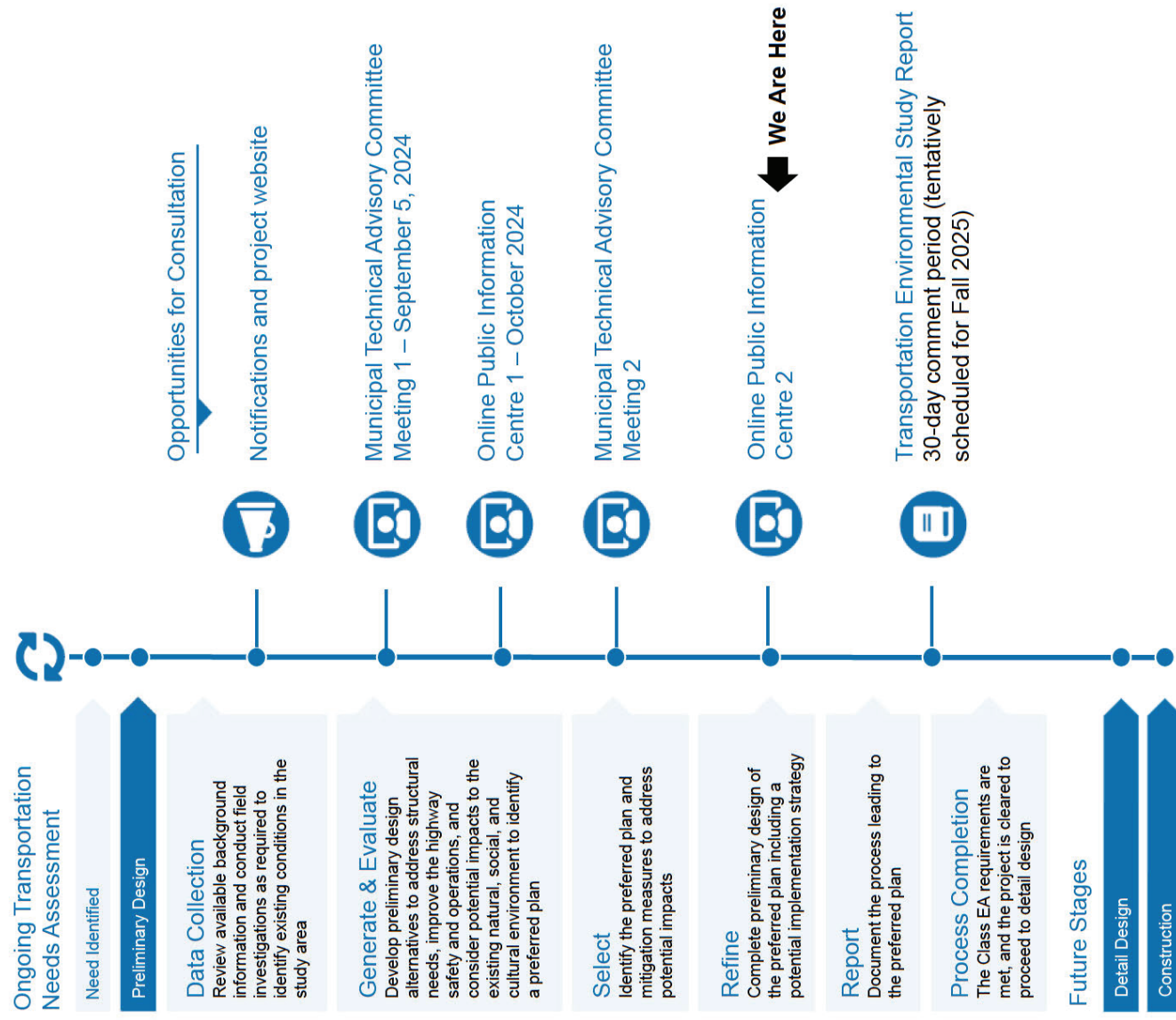
This study is being carried out under the requirements of the Class Environmental Assessment for Provincial Transportation Facilities and Municipal Expressways (2024), which is approved under the Ontario Environmental Assessment Act for provincial transportation projects of a defined scope and magnitude.

The MTO Class EA process is an approved process for highway planning, design, and construction projects. The study is following a Group 'B' process, which includes major improvements to existing provincial transportation facilities.

In 2019, modernization of the MTO Class EA (2000) was initiated to optimize the Class EA process by removing redundancies and expediting planning to facilitate a more streamlined implementation process. Amendments to the Class EA were approved in December 2023 and February 2024, and Class EA was renamed the Class Environmental Assessment for Provincial Transportation Facilities and Municipal Expressways (2024). As part of the amendments, the EA process is now complete at the end of Preliminary Design, following the 30-day comment period for the Notice of Completion.

As part of the new MTO Class EA (2024), Preliminary Design is the primary opportunity to provide feedback on the project. Opportunities for meaningful consultation in future stages of the project will be minimal.

At the end of the study, a Transportation Environmental Study Report (TESR) will be prepared and made available for a 30-day comment period.



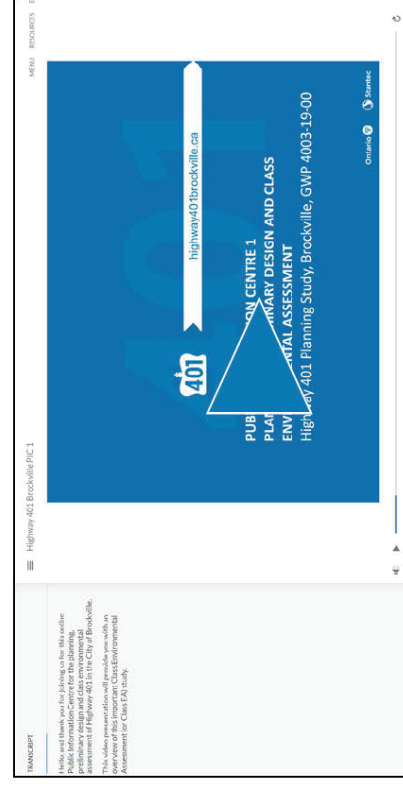
Online Public Information Centre 1 Summary

Online Public Information Centre 1 was held between October 2, 2024 - November 8, 2024, to present and gather feedback on:

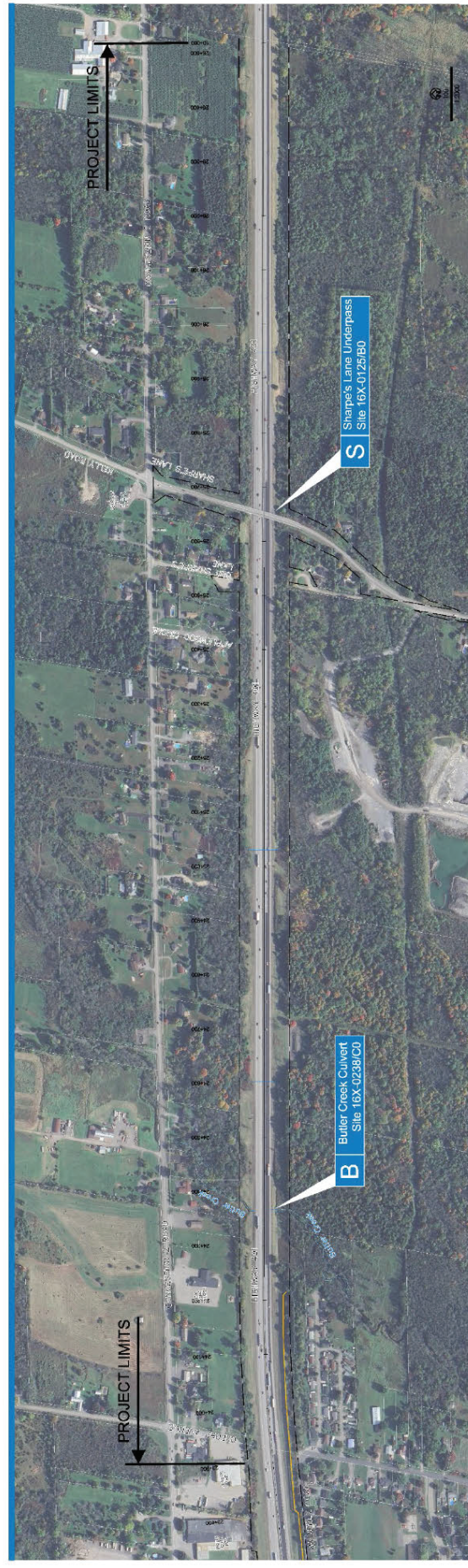
- Project background and the Class Environmental Assessment process
- Transportation needs and opportunities in the study area
- Preliminary structure alternatives for Sharpe's Lane Bridge
- Highway 401 widening alternatives
- Preliminary existing study area conditions

What did we hear?

- Potential impacts to property
- Potential impacts to safety and traffic
- Potential increases in noise
- Concerns with potential delays as a result of temporary closure of Sharpe's Lane Bridge during construction



Project Overview



Bridge Improvement

The Sharpe's Lane bridge is approaching the end of its service life and will need to be replaced. The bridge will need to accommodate the future Highway 401 footprint for interim six lanes and ultimate eight lanes.

> for more details, see:

Bridge Improvement Alternatives

S Sharpe's Lane bridge over Highway 401



Highway 401 Improvements

The study includes establishing the future Highway 401 footprint for the interim six lanes and ultimate eight lanes configurations.

> for more details, see:

Highway 401 Alternatives



Drainage Improvements

There is a structural culvert at Butler Creek which is approaching the end of its service life and will need to be rehabilitated or replaced. The culvert will need to accommodate the future Highway 401 footprint for interim six lanes and ultimate eight lanes. Existing structural and non-structural culverts are shown on the plan above.

> for more details, see:

Drainage Improvements

B Butler Creek Culvert

LEGEND

- Existing Highway 401 right-of-way
- Existing Structural Culvert
- Existing Non-Structural Culvert
- Existing Noise Barrier Wall

Problems And Opportunities

The purpose of the study is to identify a recommended plan that addresses current and future transportation needs in the study areas as part of the Ministry's ongoing review of safety and operational needs for the provincial highway network. This study will include reviewing existing conditions, developing and evaluating alternatives, identifying a preferred plan, and developing environmental protection/mitigation measures.

At the completion of the study, a Recommended Plan for Highway 401 will be confirmed and designated (i.e., protected). The Ministry will be registering a designation of a proposed highway plan based on the future needs determined by this Planning and Preliminary Design study. A designation is a mechanism for the Ministry to provide route/corridor protection as well as impose development control measures along the corridor and on adjoining owners. This type of designation is most often used where lands are still under private ownership, sometimes years in advance of intended property acquisition and construction.

This study has been initiated to address the following problems and opportunities:

Problems

- Sharpe's Lane Bridge and Butler Creek Culvert are nearing the end of their service life and will require rehabilitation and/or replacement in the near future
- The existing Highway 401 platform cannot accommodate the traffic staging required to rehabilitate or replace Sharpe's Lane Bridge and Butler Creek Culvert

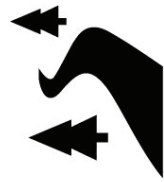
Opportunities

- Develop appropriate rehabilitation or replacement strategies to maintain the safe operation of the highway corridor for the current and future planning horizons
- Identify the ultimate footprint for the Highway 401 corridor to address current and future transportation needs



Investigations

In accordance with the MTO class environmental assessment process, this study includes engineering and environmental specialists who are carrying out background studies and site-specific investigations to support the development and the evaluation of alternatives and identify potential impacts and mitigation measures. The investigations for this study include, but are not limited to, the following:



Engineering Investigations

- Highway
- Traffic and Safety
- Bridge
- Drainage and Hydrology
- Geotechnical
- Foundations
- Electrical



Natural Environment Investigations

- Terrestrial
- Aquatic
- Species at Risk



Socio-Economic Investigations

- Heritage
- Noise and Air Quality
- Groundwater
- Archaeology & Heritage
- Contamination

Evaluation of Alternatives

Evaluation Process



Identify Criteria

Evaluation Criteria are established through:

- Public input
- Similar projects
- Provincial guidelines
- Existing conditions



Evaluate Alternatives

The evaluation criteria are utilized to develop advantages and disadvantages for each alternative and to undertake a qualitative evaluation of alternatives to identify the recommended plan.



The Highest Scoring Alternative

Evaluation Criteria

The following criteria were used to evaluate the Structure Alternatives and Widening Alternatives. Criteria were refined based on the input received at and following PIC 1, and used to identify the Technically Preferred Plan:

Engineering

- Consider total cost including utility relocations and property acquisition
- **Geometrics & Safety**
 - Design standards for provincial highways
 - Potential for collisions
 - Crossing road alignment
 - Pedestrian and cyclist accommodations
- **Constructability**
 - Construction techniques
 - Complexity of staging and detours
 - Traffic flow operations, including local access and out of way travel
- **Utilities**
 - Length of impacts to utilities

Social and Cultural

Environment

- **Property**
 - Approximate area of impact to designated land uses
 - Approximate number of private properties potentially impacted
- **Groundwater**
 - Potential to impact groundwater recharge areas and highly vulnerable aquifers
- **Noise & Air Quality**
 - Potential change in traffic noise levels on surrounding residential dwellings
- **Archaeology & Built Heritage**
 - Possible impacts to areas having archaeological potential or built and cultural heritage potential
- **Contamination**
 - Potential to encounter contaminated soils/groundwater

Natural

Environment

- **Terrestrial Ecosystem**
 - Area of impact to wildlife habitat
 - Area of impact to vegetated areas due to construction
- **Designated Areas**
 - Area of impact to significant ecological areas
- **Fish & Fish Habitat**
 - Number of water crossing impacted
 - Potential to impact fish/fish habitat
- **Species of Conservation Concern**
 - Potential to impact Species at Risk habitat

Evaluation of Structure Alternatives Sharpe's Lane Bridge

Factor/Criteria	1a Bridge Closed with Detour	1b Bridge Open with Single Lane	2 New Alignment – West	3 New Alignment – East
Highway Engineering <ul style="list-style-type: none"> • Geometrics & Safety • Constructability • Utilities • Cost • Traffic Operations 	<ul style="list-style-type: none"> • Retains existing alignment of Sharpe's Lane • Faster method of construction compared to staged construction with single lane • Lower construction staging cost compared to keeping bridge open during construction 	<ul style="list-style-type: none"> • Retains existing alignment of Sharpe's Lane • Maintain access across Highway 401 during construction 	<ul style="list-style-type: none"> • Maintains access across Highway 401 during construction with minimal impacts to traffic • Similar construction duration as closing the bridge • Similar construction staging cost as closing the bridge • No hydro pole impacts 	<ul style="list-style-type: none"> • Maintains access across Highway 401 during construction with minimal impacts to traffic • Similar construction duration as closing the bridge • Similar construction staging cost as closing the bridge
Social & Cultural Environment <ul style="list-style-type: none"> • Property • Noise & Air Quality • Archaeology & Built Heritage • Contamination • Groundwater 	<ul style="list-style-type: none"> • Less property required compared to Alternative 2 and 3 • Greater potential temporary impacts to local businesses compared to Alternative 1b due to detour 	<ul style="list-style-type: none"> • Less property required compared to Alternative 2 and 3 • Fewer potential temporary impacts to local businesses compared to Alternative 1a (does not require detour) 	<ul style="list-style-type: none"> • Requires more property compared to Alternatives 1 and 3 • Greater potential for noise impacts to residential properties compared to Alternative 1 • Greater potential impacts to areas of archaeological potential and potential contamination compared to Alternative 1 	<ul style="list-style-type: none"> • Requires more property compared to Alternative 1 • Greater potential for noise impacts to residential properties compared to Alternative 1 • Greater potential impacts to areas of archaeological potential and potential contamination compared to Alternative 1
Natural Environment <ul style="list-style-type: none"> • Terrestrial Ecosystem • Species of Conservation Concern • Designated Areas • Fish & Fish Habitat 	<ul style="list-style-type: none"> • Fewer potential impacts to forested areas compared to Alternatives 2 and 3 	<ul style="list-style-type: none"> • Fewer potential impacts to forested areas compared to Alternatives 2 and 3 	<ul style="list-style-type: none"> • Greater potential impacts to forested areas 	<ul style="list-style-type: none"> • Greater potential impacts to forested areas



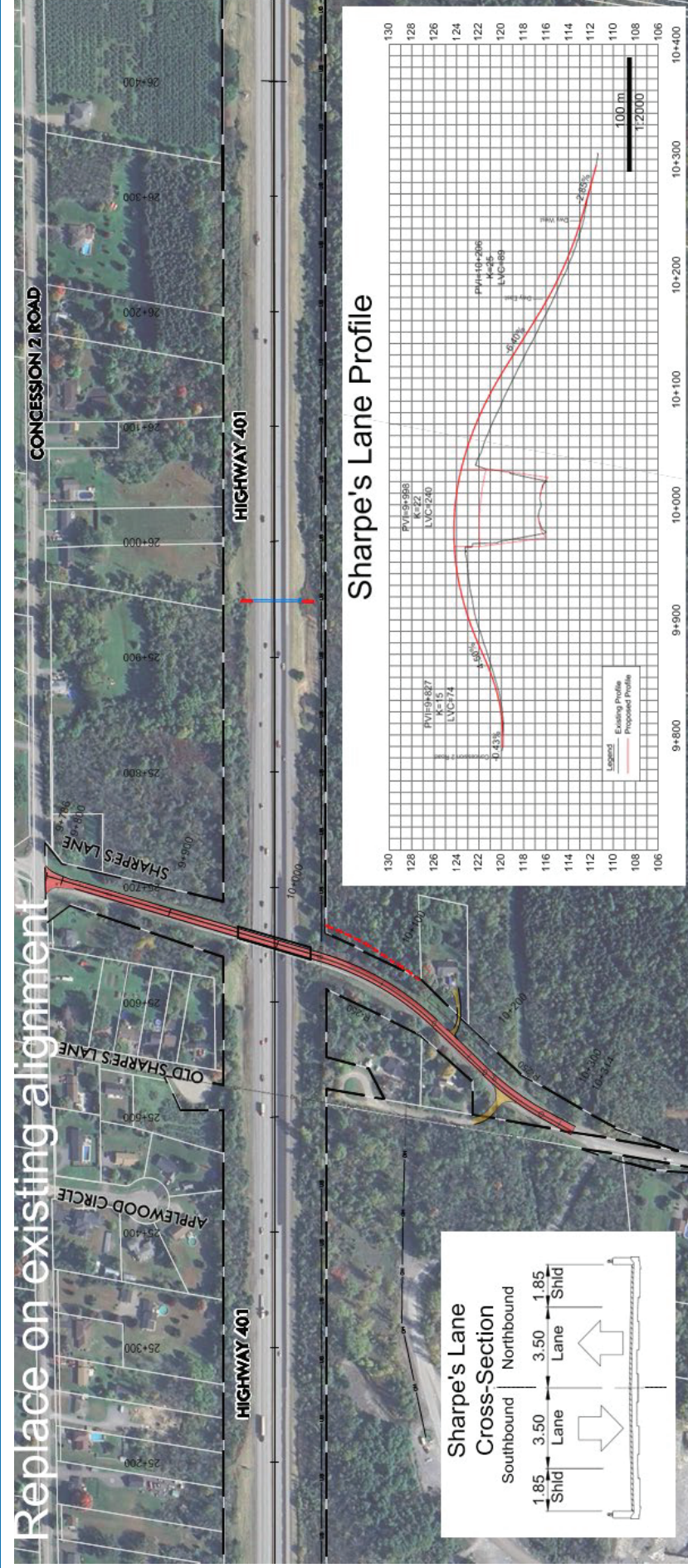
Least preferred



Most preferred



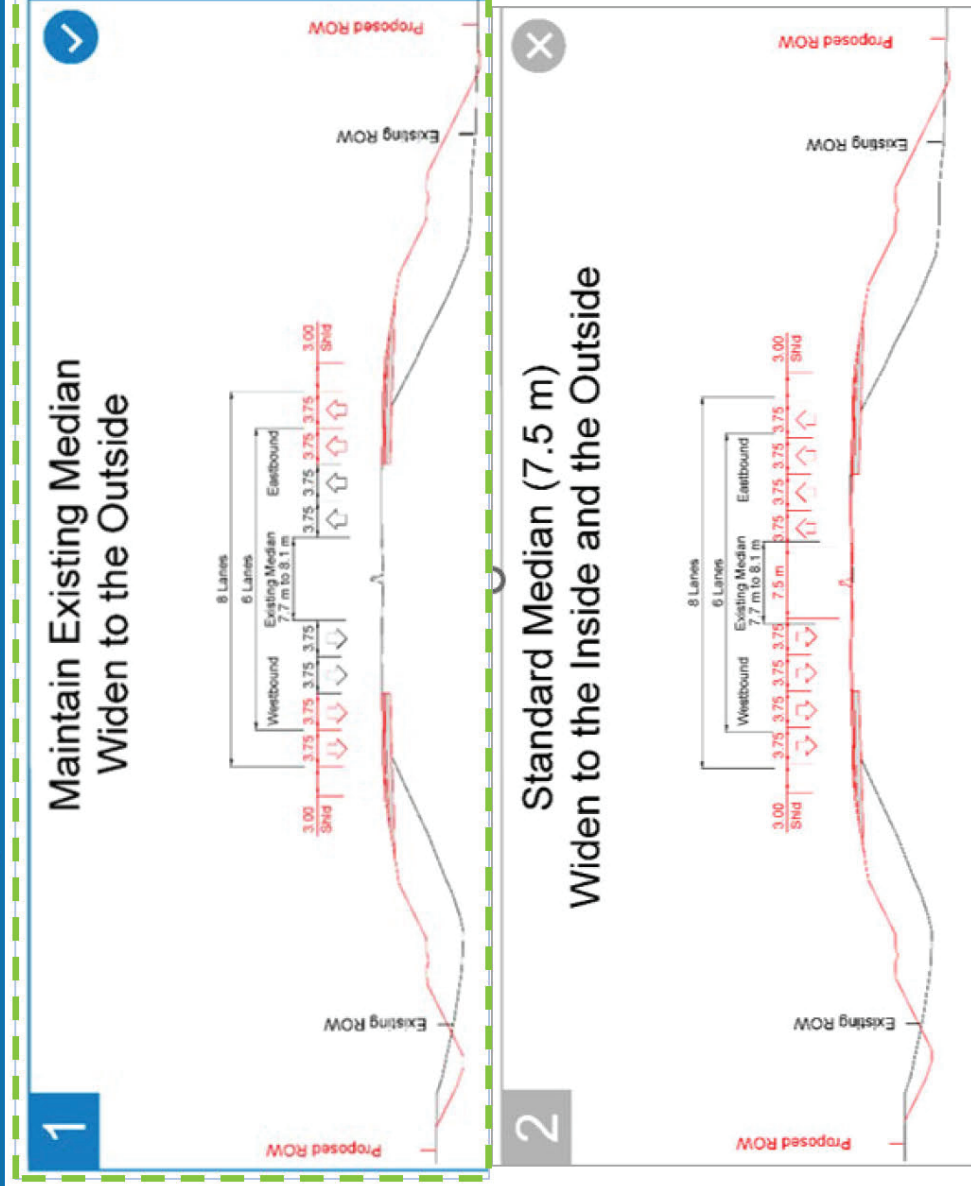
Preferred Sharpe's Lane Bridge (Alternative 1b)



This alternative is preferred because:

- Retains existing alignment of Sharpe's Lane, which minimizes environmental, property and utility impacts
- Maintains access across Highway 401 during construction
- Staged construction has fewer potential temporary impacts to local businesses compared to a full closure with detour

Preferred Highway 401 Cross-Section



Alternative 1 (Widen to Outside), is preferred because:

- Lower cost compared to Alternative 2
- Minimizes impacts to traffic during construction
- Retains the existing median with concrete barrier

The proposed cross-section for this study will match the cross-sections of the previously completed Highway 401 studies adjacent to this study.

Drainage Improvements Strategy

B Butler Creek Culvert

Culvert Improvement Alternatives



Replace with new culvert:

- + Long-term strategy
- + Accommodates interim (6-lane) Highway 401
- + Accommodates ultimate (8-lane) Highway 401
- Requires significant excavation

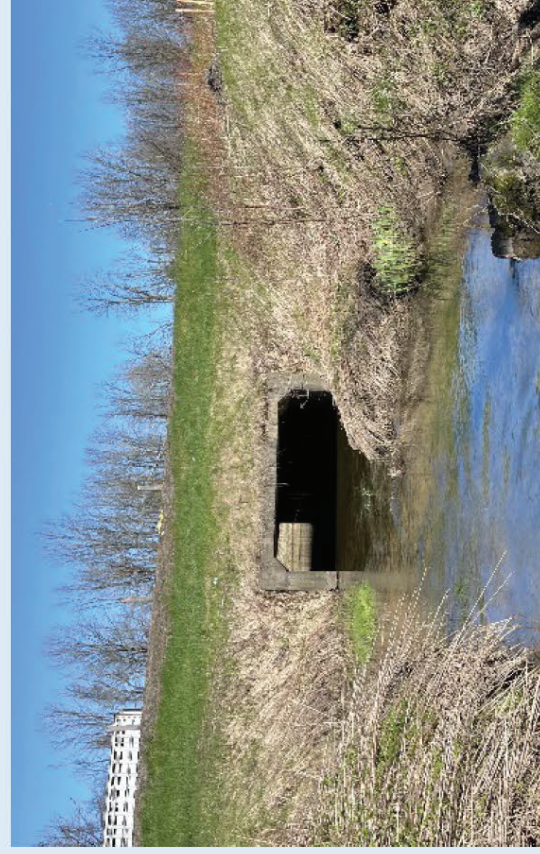


Culvert rehabilitation and retaining walls:

- Not a long-term strategy
- + Potential short-term strategy
- + Accommodates interim (6-lane) Highway 401
- Does not accommodate ultimate (8-lane) Highway 401
- Requires retaining walls

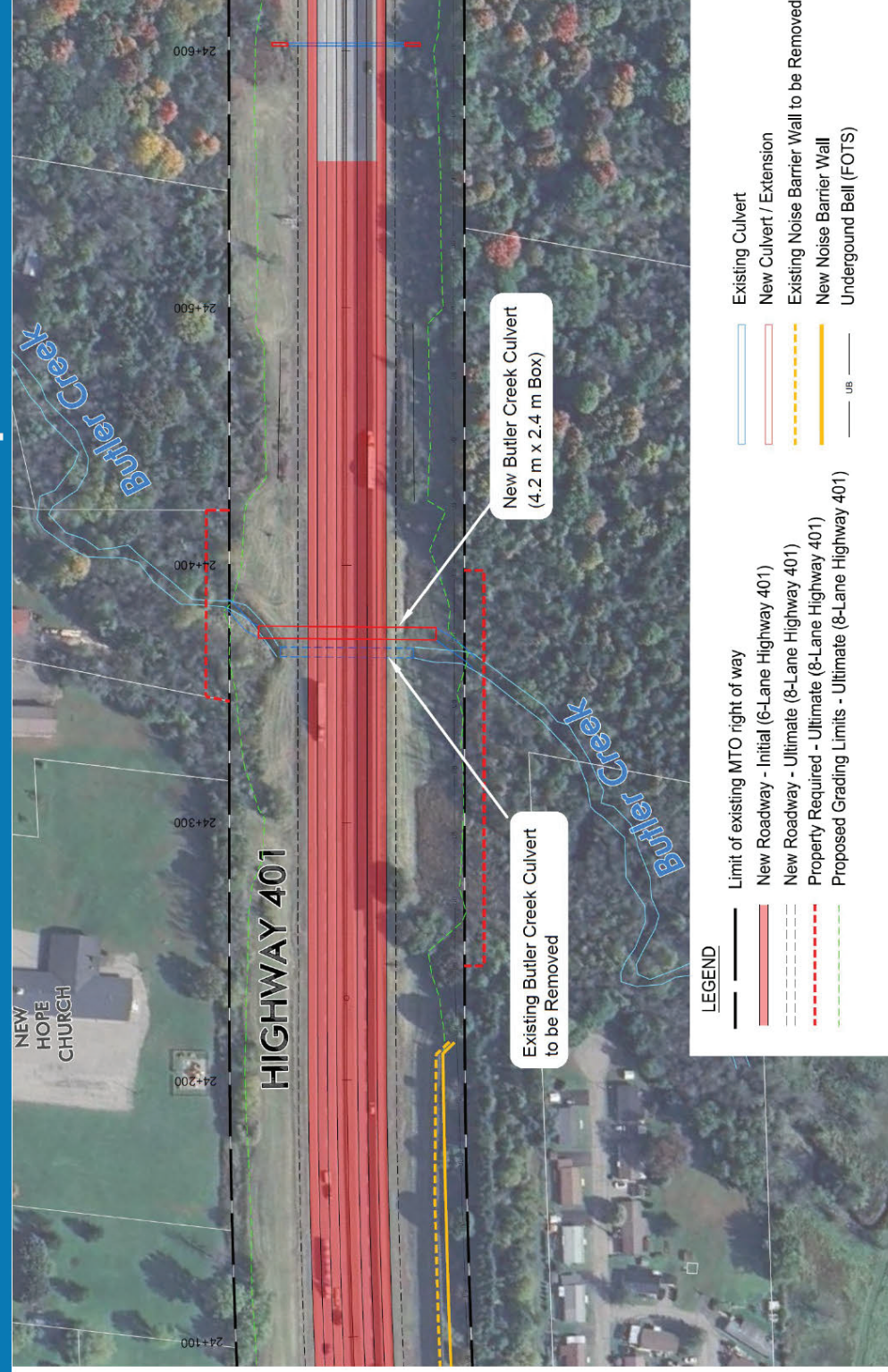
Culvert rehabilitation with extension:

- Not a long-term strategy
- + Potential short-term strategy
- + Accommodates interim (6-lane) Highway 401
- Does not accommodate ultimate (8-lane) Highway 401
- Future replacement of original culvert can be challenging



Butler Creek Culvert, Site 16X-0238/C0

Butler Creek Culvert Replacement



The Butler Creek Culvert Preferred Plan includes the existing culvert to be replaced with a new culvert at a new location east of the existing culvert. The Preferred Plan requires a minor realignment of Butler Creek, minor property impacts and significant excavation.

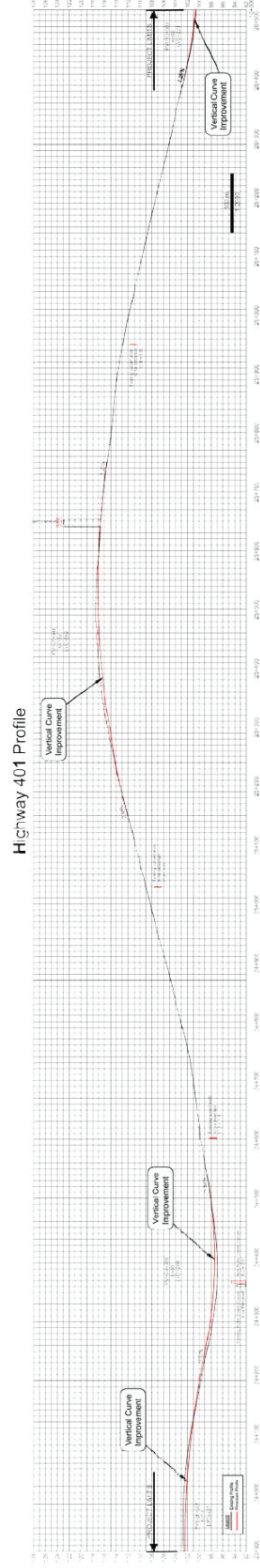
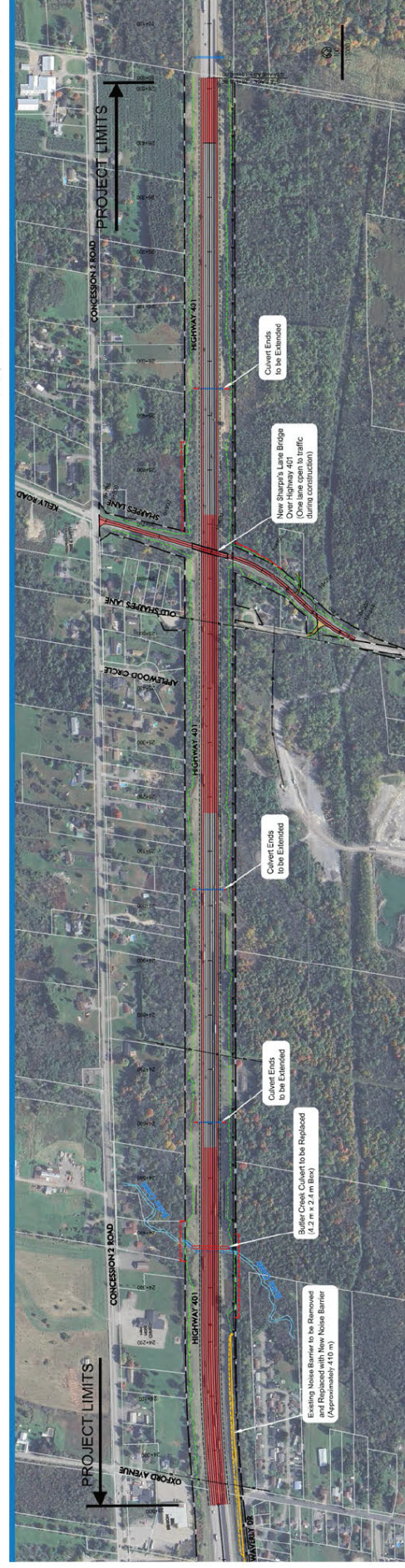
This alternative is preferred because:

- The new culvert accommodates an interim 6-lane and ultimate 8-lane Highway 401 configuration
- Is a long-term strategy

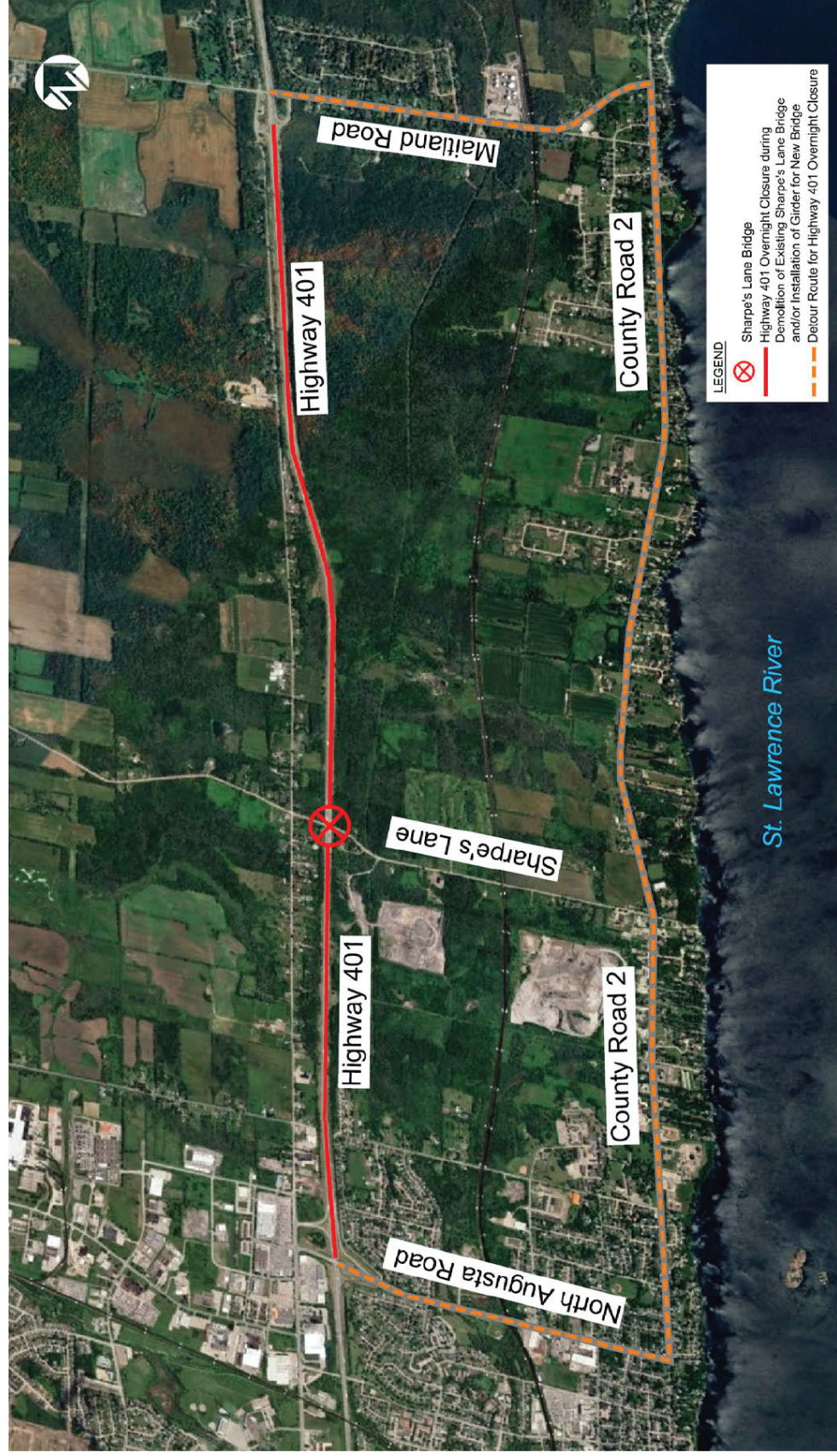
Technically Preferred Plan

Highway 401 Technically Preferred Plan

Study Area Improvement Plan



Construction Staging and Traffic Management



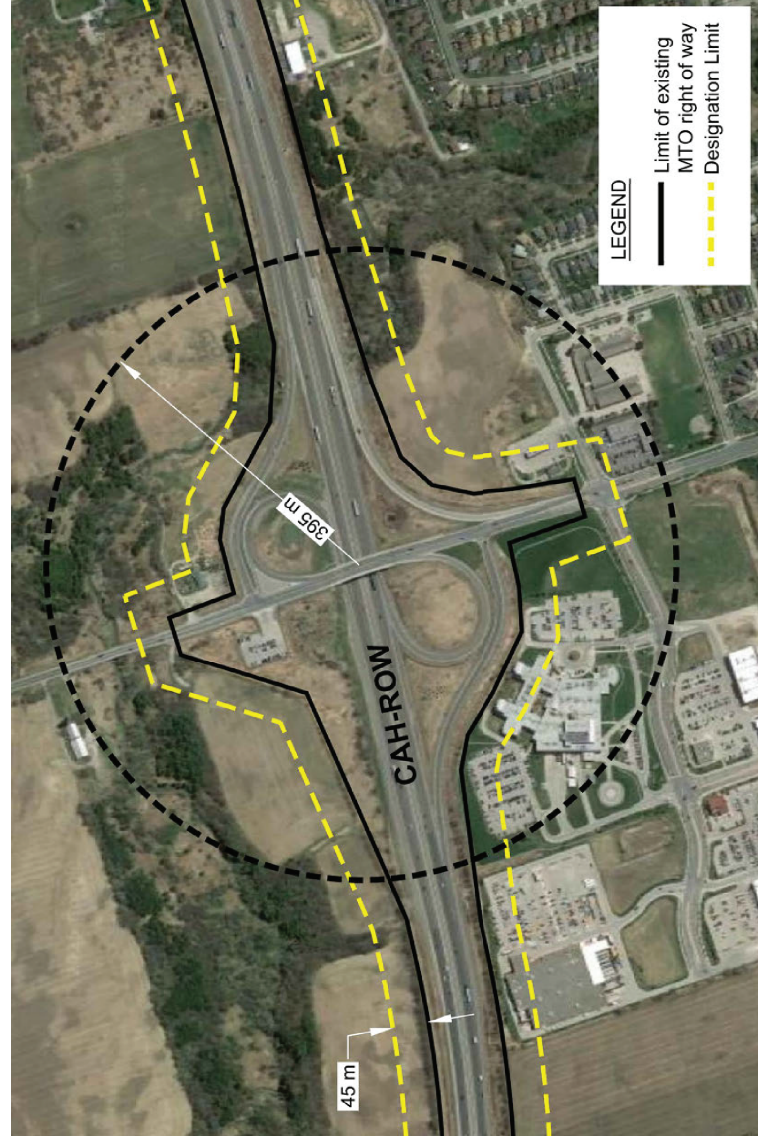
Highway 401 Full Closures / Potential Detour Route

- A detour is required for the removal of the existing Sharpe's Lane bridge over the highway and potential girder installation for the new bridge
- Traffic on Highway 401 to use adjacent interchanges at Maitland Road, North Augusta Road, and County Road 2
- Duration and number of closures will be confirmed during Detail Design
- The final detour routes will be confirmed in consultation with the affected municipalities

Designation and MTO Permit Control Areas

Once the Technically Preferred Alternative has been confirmed, the Ministry of Transportation may designate lands as highway and acquire property prior to EA process completion. A designation enables the Ministry to provide route/corridor protection through the application of development control measures along the corridor and in the vicinity of the designated lands. For more information about highway corridor management, please visit: <https://www.ontario.ca/page/highway-corridor-management>.

Example of MTO Permit Control Areas: Controlled-Access Highways (CAH)



Any work on private property that is within 45 metres of the highway property or 395 metres from the centrepoint of an intersection or interchange requires approval from the MTO.

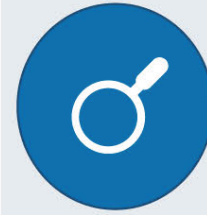
Any work on private property that is within 800 metres of the highway property and that may have a large impact on traffic, is also subject to approval from MTO.

For more details on requirements for permits, please visit: <https://www.ontario.ca/page/highway-corridor-management> or make an inquiry regarding a specific property: <https://www.hcms.mto.gov.on.ca/>

Note: Limit of the MTO right-of-way shown on the figure is for illustrative purposes only.

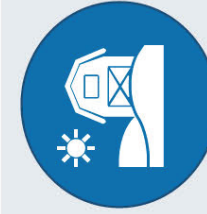
Potential Impacts and Proposed Mitigation Measures

Impacts resulting from this project will be minimized to the extent possible. Investigations are ongoing and will continue during Detail Design to help confirm environmental impacts, refine mitigation measures, and support obtaining required permits and approvals.



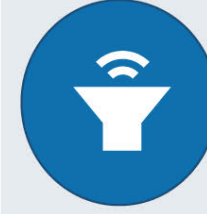
Archaeological & Built Heritage Resources

A Stage 1 Archaeological Assessment was completed and it identified areas with potential for archaeological resources. A Stage 2 Archaeological Assessment will be undertaken for areas identified as retaining archaeological potential during Detail Design.



Property

Potential impacts to private property are an important factor and component of the evaluation of alternatives. The project team will work to minimize impacts to private properties to the extent possible. Potentially affected property owners have been contacted directly by the project team.



Noise Impacts

The potential changes in traffic noise associated with the Preferred Plan is currently being reviewed. A Noise Assessment is being completed in accordance with Provincial guidelines to determine if measures are required to mitigate potential increases in traffic noise (i.e., noise wall, landscaping, etc.). The results of the assessment will be documented in the TESR and made available for a comment period.



Traffic Operations

Construction activities are expected to impact traffic operations. Advanced notification will be provided to affected residents in advance of construction activities. Staging Plans will be finalized during detail design. Staging Plans will be finalized in consultation with municipalities and emergency service providers.

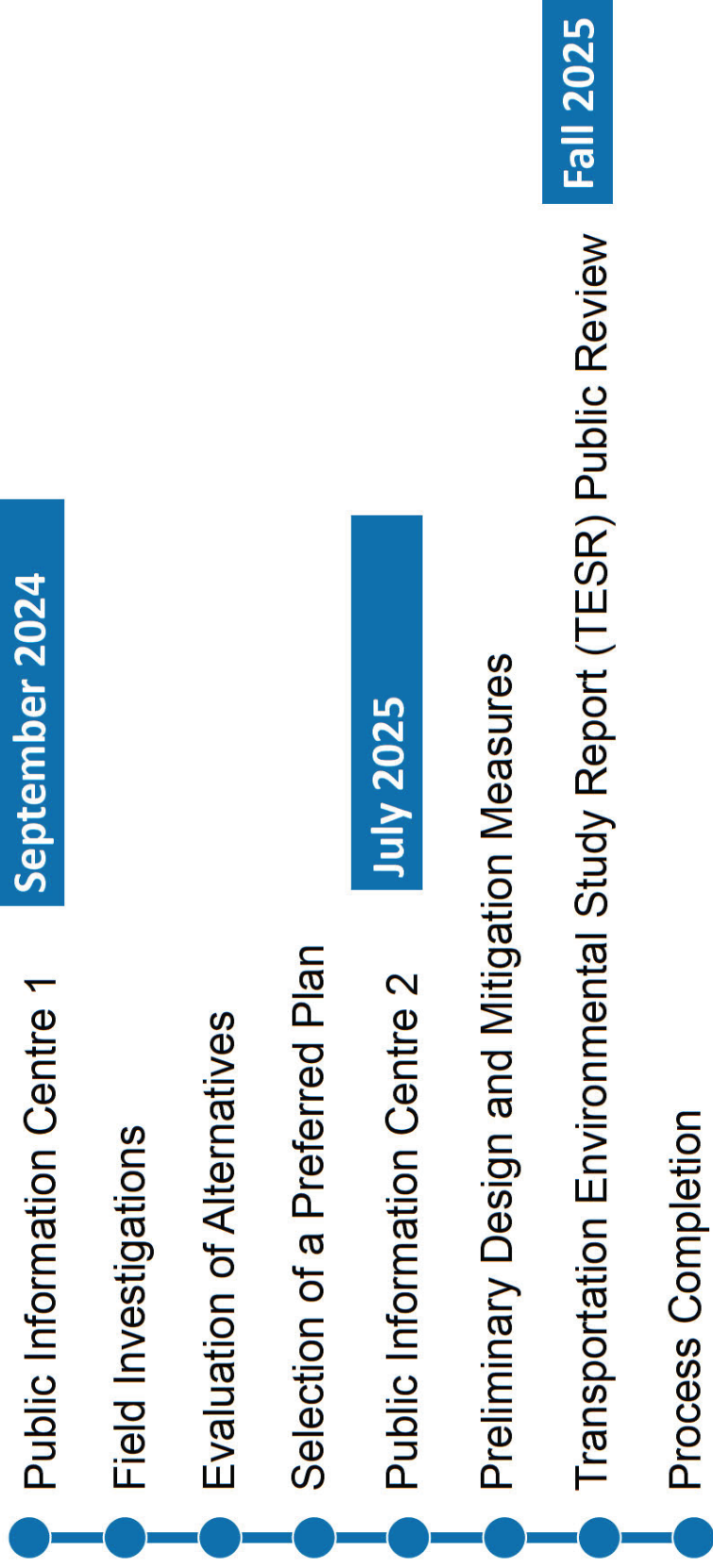


Natural Environment

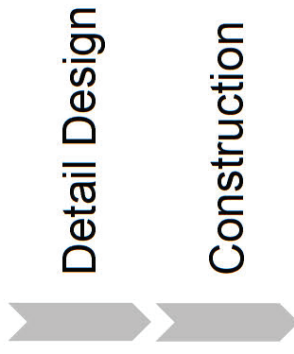
Trees and vegetation will need to be removed and impacts will be minimized to the extent possible. A landscape design plan is being developed to identify opportunities for new plantings and landscape enhancements. Targeted species surveys will be completed during future studies for species that have the potential to be present. Mitigation measures to protect wildlife will be identified.

Next Steps

Current Study



Future Stages



Discussion



Municipal Technical Advisory Committee Meeting #2

Highway 401 from 0.75 km east of North Augusta Road Interchange to 3.3 km west of Maitland Road Interchange, GWP 4111-22-00, Planning, Preliminary Design & Class Environmental Assessment Study Assignment Number 4023-E-0009

Project/File: 165001328
 Date/Time: July 8, 2025 / 2:00 PM
 Location: Microsoft Teams Meeting
 Next Meeting: TBD

Attendees:

David Brake	MTO Senior Project Manager
Steve Baczyk	MTO Environmental Planner
Gregg Cooke	Stantec Project Manager
Nevena Gazibara	Stantec Environmental Team Lead
Sophie Vaillancourt	Stantec Highway Engineer
Rachel Young	Stantec Environmental Planner
Chad Findlay	Counties of Leeds and Grenville- Manager of Engineering
Mallory Wright	Cataraqui Conservation Authority
Phil Wood	City of Brockville - Director of Operations
Yanick Beaudin	City of Brockville – Public Works Supervisor
Ashleigh Trickey	Township of Augusta and Augusta Fire Rescue
Jeff Sargent	Township of Elizabethtown-Kitley – Fire Chief
Ann Weir	United Counties of Leeds and Grenville - Economic Development Manager
Pam Robertson	Brockville & District Chamber of Commerce - Executive Director
Jeff Carss	Counties of Leeds & Grenville – Chief, Paramedic Services

Distribution: Project Team

Item	Action
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Introductions

- All meeting attendees were introduced.

Project Overview

- Stantec began the presentation and outlined the agenda for the meeting. A copy of the presentation is attached to the meeting notes.

Item

- Stantec provided an overview of the study purpose, Class EA process, summary of the online PIC 1.
- Stantec presented the Project Overview and noted that this assignment would be designed to tie in with the adjacent studies to the east and west.
- Stantec presented the evaluation of alternatives, the evaluation process and preliminary evaluation criteria to be used for the study. Evaluations were presented for Sharpe's Lane Bridge, Highway 401 Cross-Section, and Bulter Creek Culvert.
- Stantec presented the Technically Preferred Plan which includes the replacement of Sharpe's Lane bridge over Highway 401 with one lane open to traffic during construction, and the replacement of Butler Creek Culvert accommodate the Highway 401 widening.
- Stantec presented a construction staging and traffic management plan, stating that a detour will be required for Highway 401 at Sharpe's Lane bridge during the removal of the bridge and installation of new girders. The detour is from North Augusta Road, along County Road 2 and connecting to Maitland Road, which follows the Emergency Detour Route (EDR).
 - Phil Wood strongly emphasised the project team to reconsider the detour route due to challenging road conditions (and the need for daily OPP traffic direction) within the City of Brockville.
 - MTO understands it is not the optimal route, however, it is included as it is the EDR, but the proposed detour route will be reviewed during Detail Design.
- Stantec provided information regarding the MTO designation process and permit control areas.
 - MTO stated that this is a new display they are introducing as they focus on providing more awareness and education to the public on designation and permit control areas.
- Stantec provided information on preliminary potential impacts and proposed mitigation measures.
- Stantec presented the next steps for the study and dates for upcoming milestones, including online PIC 2 which will take place from July 17th – August 30th. The project team is providing a longer comment and review period over the summer months.

Action

Discussion

- David Brake asked the municipalities and townships if they could share information about the upcoming online PIC 2 and post the notice on their website/social media, if possible.
- Stantec indicated that they will be presenting these materials to Elizabethtown-Kitley Council on August 11, 2025.
- Stantec indicated that attendees may follow up with the project team should they have any comments or questions following the meeting.

July 8, 2025

Highway 401 from 0.75 km east of North Augusta Road Interchange to 3.3 km west of Maitland Road Interchange, GWP 4111-22-00, Planning,
Preliminary Design & Class Environmental Assessment Study Assignment Number 4023-E-0009
Page 3 of 3

The meeting adjourned at 2:47 PM.

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

STANTEC CONSULTING LTD.

Rachel Young

Rachel Young, BES.

Environmental Planner

Phone: 519-575-4228

rachel.young2@stantec.com

PUBLIC COMMENTS

From: [Brake, David \(MTO\)](#)
To: [REDACTED]
Cc: [Cooke, Gregg](#)
Subject: GWP 4111-22-00 Highway 401, East of Brockville
Date: Thursday, May 9, 2024 10:14:39 AM
Attachments: [image001.png](#)

[REDACTED],

Nice to speak with you today regarding this study and the ministry's planning strategy along Highway 401 in eastern Ontario.

Here are some of the websites for the various planning studies we discussed:

<https://www.hwy401eastofbrockville.ca/index.html>

<https://www.hwy401mallorytowntobrockville.ca/index.html>

<http://www.highway401brockville.ca/>

<https://www.highway401prescottmaitland.ca/>

I will ask Stantec to add you to the contact list for this study as well, so you are informed as we reach different milestones throughout the planning process.

[REDACTED]

Regards,

David Brake

Senior Project Manager | Capital Planning & Program Development
Asset Management Branch | TIMD
Ministry of Transportation | Ontario Public Service
613-893-3031 | dave.brake@ontario.ca

Ontario 

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Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: [REDACTED]
To: comments@hwy401eastofbrockville.ca
Subject: Add to distribution list
Date: Tuesday, May 7, 2024 7:47:29 AM

[You don't often get email from [REDACTED]. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Greetings,

Please add me to the mailing list that corresponds to the study involving proposed expansion of 401 eastbound. We are property owners that will be directly impacted by.

[REDACTED]
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Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: [REDACTED]
To: comments@hwy401eastofbrockville.ca; comments@hwy401mallorytowntobrockville.ca
Subject: Highway 401 Planning Study
Date: Monday, May 13, 2024 12:11:32 PM

You don't often get email from [REDACTED]. [Learn why this is important](#)

Good morning.

Thanks for the mailed out information regarding the Notice of Study Commencement in our area. I understand the need for growth and planning for the future. My question is around what is already known as a choking point through Brockville from Stewart Boulevard to North Augusta Road. Post implementation having 6 and ultimately 8 lanes funnel into a two lane thoroughfare in the heart of the City seems like a bit of a challenge.

Kingston for example is the opposite. The expansion through the city is where the road is widened, and reduces east or west of the City.

With the Province increasing highway speeds in some areas of the 401 to 110km, where many, I suggest most people, now travel at 120km to 130km will develop into a new mentality of what the flow of traffic speed will be.

My question is what is going to happen to the area in this chokepoint corridor. What is the action plan and when?

Regards,

[REDACTED]

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Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: [REDACTED]
To: comments@hwy401eastofbrockville.ca
Subject: Add my name to project mailing list
Date: Saturday, May 4, 2024 9:08:48 AM

[You don't often get email from [REDACTED]. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

[REDACTED] for:

[REDACTED]

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Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: [REDACTED]
To: comments@hwy401eastofbrockville.ca
Subject: Ramp work re Brockville
Date: Tuesday, May 7, 2024 6:33:52 PM

[You don't often get email from [REDACTED]. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Good afternoon Mr Brake . I live on [REDACTED] . My next door neighbour received a flyer in his mailbox today but I did not receive any thing. I would like to make sure my name is added to the project mailing list. Especially when the North Augusta overpass is right behind my back yard. Thank you in advance. [REDACTED]
[REDACTED]

Sent from my iPad

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

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ONLINE PUBLIC INFORMATION CENTRE 1
Comments

AGENCY COMMENTS

From: [Barboza, Karla \(She/Her\) \(MCM\)](#)
To: [Vanhell, Shane](#)
Cc: [comments@hwy401eastofbrockville.ca](#); [Brake, David \(MTO\)](#); [Leclerc, Erika \(MCM\)](#)
Subject: RE: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00) [MCM File 0021593]
Date: Monday, October 21, 2024 12:08:08 PM
Attachments: [image001.png](#)
[Notice of Public Information Centre 1 \(GWP 4111-22-00\).pdf](#)

Hi Shane,

Thanks for sending this Notice of Public Information Centre 1 for the above referenced project to the Ministry of Citizenship and Multiculturalism (MCM).

We note that the Stage 1 archaeological assessment (under Project Information Form number P394-0122-2024) has yet to be submitted by your licensed archaeologist for MCM's review. We strongly encourage the assessment report be submitted to MCM before the issuance of the notice of completion.

Last June you advised that a Cultural Heritage Resource Assessment Report (CHRAR) would be undertaken. Could you please advise the status of the report?

Thanks in advance,
Karla

Karla Barboza, MCIP, RPP, CAHP (she/her)

Team Lead, Heritage | Heritage Operations Branch | Citizenship, Inclusion and Heritage Division

Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-660-1027 | karla.barboza@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: Vanhell, Shane <Shane.Vanhell@stantec.com>

Sent: Wednesday, September 25, 2024 10:38 AM

To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Leclerc, Erika (MCM) <erika.leclerc@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; noticereview@infrastructureontario.ca; Adams, Tracy (MNR) <Tracy.Adams2@ontario.ca>; Warren, Catherine (She/Her) (MNR) <Catherine.Warren@ontario.ca>; Orpana, Jon (MECP) <Jon.Orpana@ontario.ca>; ldrynan@ektwp.ca; deputyclerk <deputyclerk@ektwp.ca>; planning@ektwp.ca; mczarny@ektwp.ca; jhutton@ektwp.ca; scassidy@ektwp.ca; ray.callery@uclg.on.ca; rick.kester@uclg.on.ca; shirley.white@uclg.on.ca; cherie.mills@uclg.on.ca; bill.guy@uclg.on.ca; chris.morrison@uclg.on.ca; sallen@brockville.com; mlocke@brockville.com; pwood@brockville.com; sdunbar@brockville.com; amcginnis@brockville.com; tbeaubiah@crca.ca;

michael.barrett@parl.gc.ca; info@a2acollaborative.org; firechief <firechief@ektwp.ca>; Deputy Chief <deputychief@ektwp.ca>; Holly Dunster <fireadmin@ektwp.ca>; Rob Bowman <rbowman@augusta.ca>; Ashleigh Trickey <atrickey@augusta.ca>; Hardy, Simon (OPP) <Simon.Hardy@opp.ca>; fireadmin@townshipleeds.on.ca; Carss, Jeff (MOH External) <jeff.carss@uclg.on.ca>; Ferguson, Ron <ron.ferguson@ucdsb.on.ca>; director@cdsbeo.on.ca; Marc Bertrand <bertrma@ecolecatholique.ca>; transportation@steo.ca; pjrobertson@brockvillechamber.com; ann.weir@uclg.on.ca; karen.mcdowell@ontruck.org; canada.marketing@coachcanada.com; cathy.lennon@ofa.on.ca; tyler.brooks@ofa.on.ca; brutusdanis@aol.com; annber@xplornet.com; gchs@truespeed.ca; terry.white@lafarge.com; greg.odonnell@leasecocommercial.com; kerianne012@gmail.com; ldickson@cogeco.ca; john.maskell@group-works.com; Burns.j@sympatico.ca; Gvkossivas@rogers.com; Stockwellr@rogers.com; len.meilleur@gmail.com; icampbell8@hotmail.com

Cc: comments@hwy401eastofbrockville.ca

Subject: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00)

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

Good morning,

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Planning, Preliminary Design, and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of one bridge and one culvert, and to identify the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 0.75 km east of North Augusta Road to 3.3 km west of Maitland Road (approximately 2.6 km), in the Township of Elizabethtown-Kitley, east of Brockville, in the United Counties of Leeds and Grenville.

The purpose of this email is to advise you of the first online Public Information Centre (PIC) planned for this study. As indicated within the attached notice, the online PIC will be available for your review on the study website at www.hwy401eastofbrockville.ca, starting on October 2, 2024. A recorded presentation will be available as part of the online PIC. The project team is requesting that comments be submitted by November 8, 2024.

The information presented at this online PIC will provide you with an opportunity to review and comment on the existing study area conditions, identified challenges and opportunities, preliminary alternatives, and proposed evaluation criteria.

You are encouraged to visit the project website, www.hwy401eastofbrockville.ca, to obtain current project information and to submit comments to the project team.

If you are unable to view the online PIC and would like further information regarding the study, please contact either the undersigned or one of the project team members named in the enclosed information.

Kind regards,

Shane Vanhell B. Sc.
Environmental Planner

Shane.Vanhell@stantec.com

Stantec
200-835 Paramount Drive
Stoney Creek ON L8J 0B4

From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00) [MCM File 0021593]
Date: Friday, October 25, 2024 10:54:03 AM
Attachments: [image001.png](#)

Please save this response Rachel.

From: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>
Sent: Friday, October 25, 2024 10:19 AM
To: [Gazibara, Nevena <Nevena.Gazibara@stantec.com>](mailto:Nevena.Gazibara@stantec.com)
Cc: comments@hwy401eastofbrockville.ca; [Brake, David \(MTO\) <dave.brake@ontario.ca>](mailto:dave.brake@ontario.ca); [Leclerc, Erika \(MCM\) <erika.leclerc@ontario.ca>](mailto:erika.leclerc@ontario.ca); [Baczyk, Steve \(MTO\) <steve.baczyk@ontario.ca>](mailto:steve.baczyk@ontario.ca); [Cooke, Gregg <gregg.cooke@stantec.com>](mailto:gregg.cooke@stantec.com); [Belliveau, Tim <tim.belliveau@stantec.com>](mailto:tim.belliveau@stantec.com); [Vanhell, Shane <Shane.Vanhell@stantec.com>](mailto:Shane.Vanhell@stantec.com)
Subject: RE: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00) [MCM File 0021593]

Thanks for the update, Nevena!
Karla

From: [Gazibara, Nevena <Nevena.Gazibara@stantec.com>](mailto:Nevena.Gazibara@stantec.com)
Sent: Friday, October 25, 2024 10:05 AM
To: [Barboza, Karla \(She/Her\) \(MCM\) <Karla.Barboza@ontario.ca>](mailto:Karla.Barboza@ontario.ca)
Cc: comments@hwy401eastofbrockville.ca; [Brake, David \(MTO\) <Dave.Brake@ontario.ca>](mailto:Dave.Brake@ontario.ca); [Leclerc, Erika \(MCM\) <erika.leclerc@ontario.ca>](mailto:erika.leclerc@ontario.ca); [Baczyk, Steve \(MTO\) <Steve.Baczyk@ontario.ca>](mailto:Steve.Baczyk@ontario.ca); [Cooke, Gregg <gregg.cooke@stantec.com>](mailto:gregg.cooke@stantec.com); [Belliveau, Tim <tim.belliveau@stantec.com>](mailto:tim.belliveau@stantec.com); [Vanhell, Shane <Shane.Vanhell@stantec.com>](mailto:Shane.Vanhell@stantec.com)
Subject: RE: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00) [MCM File 0021593]

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Thank you for your email Karla.

The scope for the above-referenced study includes a Stage 1 Archaeological Assessment and a Cultural Heritage Resource Assessment Report. Our project team has completed their field investigations as part of these two studies and the draft reports are currently undergoing internal review, and then the reports will be submitted to MCM.

The reports will be completed and submitted to MCM prior to the Notice of Completion for the study.

Please let us know if you have any further questions at this time.

Thanks,
Nevena Gazibara B.Sc., MREM, ENV SP
Senior Environmental Planner
Environmental Team Lead - Transportation

nevena.gazibara@stantec.com

Pronouns: she, her, hers

Stantec
200-835 Paramount Drive
Stoney Creek ON L8J 0B4



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From: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>
Sent: Monday, October 21, 2024 12:04 PM
To: [Vanhell, Shane <Shane.Vanhell@stantec.com>](mailto:Shane.Vanhell@stantec.com)
Cc: comments@hwy401eastofbrockville.ca; [Brake, David \(MTO\) <dave.brake@ontario.ca>](mailto:dave.brake@ontario.ca); [Leclerc, Erika \(MCM\) <erika.leclerc@ontario.ca>](mailto:erika.leclerc@ontario.ca)
Subject: RE: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00) [MCM File 0021593]

Hi Shane,

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Last June you advised that a Cultural Heritage Resource Assessment Report (CHRAR) would be undertaken. Could you please advise the status of the report?

Thanks in advance,
Karla

Karla Barboza, MCIP, RPP, CAHP (she/her)
Team Lead, Heritage | Heritage Operations Branch | Citizenship, Inclusion and Heritage Division
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-660-1027 | karla.barboza@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: Vanhell, Shane <Shane.Vanhell@stantec.com>
Sent: Wednesday, September 25, 2024 10:38 AM
To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Leclerc, Erika (MCM) <erika.leclerc@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; noticereview@infrastructureontario.ca; Adams, Tracy (MNR) <Tracy.Adams2@ontario.ca>; Warren, Catherine (She/Her) (MNR) <Catherine.Warren@ontario.ca>; Orpana, Jon (MECP) <Jon.Orpana@ontario.ca>; ldrynan@ektwp.ca; deputyclerk <deputyclerk@ektwp.ca>; planning@ektwp.ca; mczarny@ektwp.ca; jhutton@ektwp.ca; scassidy@ektwp.ca; ray.callery@uclg.on.ca; rick.kester@uclg.on.ca; shirley.white@uclg.on.ca; cherie.mills@uclg.on.ca; bill.guy@uclg.on.ca; chris.morrison@uclg.on.ca; sallen@brockville.com; mlocke@brockville.com; pwood@brockville.com; sdunbar@brockville.com; amcginnis@brockville.com; tbeaubiah@crca.ca; michael.barrett@parl.gc.ca; info@a2acollaborative.org; firechief <firechief@ektwp.ca>; Deputy Chief <deputychief@ektwp.ca>; Holly Dunster <fireadmin@ektwp.ca>; Rob Bowman <rbowman@augusta.ca>; Ashleigh Trickey <atrickey@augusta.ca>; Hardy, Simon (OPP) <Simon.Hardy@opp.ca>; fireadmin@townshipleeds.on.ca; Carss, Jeff (MOH External) <jeff.carss@uclg.on.ca>; Ferguson, Ron <ron.ferguson@ucdsb.on.ca>; director@cdsbeo.on.ca; Marc Bertrand <bertma@ecolecatholique.ca>; transportation@steo.ca; pjrobertson@brockvillechamber.com; ann.weir@uclg.on.ca; karen.mcdowell@ontruck.org; canada.marketing@coachcanada.com; cathy.lennon@ofa.on.ca; tyler.brooks@ofa.on.ca; brutusdanis@aol.com; annber@xplornet.com; gchs@truespeed.ca; terry.white@lafarge.com; greg.odonnell@leasecocommercial.com; [REDACTED] <ldickson@cogeco.ca>; [REDACTED]
Cc: comments@hwy401eastofbrockville.ca
Subject: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00)

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

Good morning,

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Planning, Preliminary Design, and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of one bridge and one culvert, and to identify the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 0.75 km east of North Augusta Road to 3.3 km west of Maitland Road (approximately 2.6 km), in the Township of Elizabethtown-Kitley, east of Brockville, in the United Counties of Leeds and Grenville.

The purpose of this email is to advise you of the first online Public Information Centre (PIC) planned for this study. As indicated within the attached notice, the online PIC will be available for your review on the study website at www.hwy401eastofbrockville.ca, starting on October 2, 2024. A recorded presentation will be available as part of the online PIC. The project team is requesting that comments be submitted by November 8, 2024.

The information presented at this online PIC will provide you with an opportunity to review and comment on the existing study area conditions, identified challenges and opportunities, preliminary alternatives,

From: [Adams, Tracy \(MNR\)](mailto:Adams.Tracy@ontario.ca)
To: [Vanhell, Shane](mailto:Vanhell.Shane@ontario.ca); [Worth, Adam \(MNR\)](mailto:Worth.Adam@ontario.ca)
Cc: [Southern Region Planning Inbox \(MNR\)](mailto:Southern.Region.Planning.Inbox@ontario.ca)
Subject: RE: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00)
Date: Thursday, September 26, 2024 12:22:36 PM
Attachments: [Notice of Public Information Centre 1 \(GWP 4111-22-00\).pdf](#)

You don't often get email from tracy.adams2@ontario.ca. [Learn why this is important](#)

Good afternoon Shane,

This area falls within the Kemptville Kingston district. I've copied Adam Worth, DM for that district for awareness .

Thanks,
Tracy

From: Vanhell, Shane <Shane.Vanhell@stantec.com>
Sent: Wednesday, September 25, 2024 10:38 AM
To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Leclerc, Erika (MCM) <erika.leclerc@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; noticereview@infrastructureontario.ca; Adams, Tracy (MNR) <Tracy.Adams2@ontario.ca>; Warren, Catherine (She/Her) (MNR) <Catherine.Warren@ontario.ca>; Orpana, Jon (MECP) <Jon.Orpana@ontario.ca>; ldrynan@ektwp.ca; deputyclerk <deputyclerk@ektwp.ca>; planning@ektwp.ca; mczarny@ektwp.ca; jhutton@ektwp.ca; scassidy@ektwp.ca; ray.callery@uclg.on.ca; rick.kester@uclg.on.ca; shirley.white@uclg.on.ca; cherie.mills@uclg.on.ca; bill.guy@uclg.on.ca; chris.morrison@uclg.on.ca; sallen@brockville.com; mlocke@brockville.com; pwood@brockville.com; sdunbar@brockville.com; amcginnis@brockville.com; tbeaubiah@crca.ca; michael.barrett@parl.gc.ca; info@a2acollaborative.org; firechief <firechief@ektwp.ca>; Deputy Chief <deputychief@ektwp.ca>; Holly Dunster <fireadmin@ektwp.ca>; Rob Bowman <rbowman@augusta.ca>; Ashleigh Trickey <atrickey@augusta.ca>; Hardy, Simon (OPP) <Simon.Hardy@opp.ca>; fireadmin@townshipleeds.on.ca; Carss, Jeff (MOH External) <jeff.carss@uclg.on.ca>; Ferguson, Ron <ron.ferguson@ucdsb.on.ca>; director@cdsbeo.on.ca; Marc Bertrand <bertma@ecolecatholique.ca>; transportation@steo.ca; pjrobertson@brockvillechamber.com; ann.weir@uclg.on.ca; karen.mcdowell@ontruck.org; canada.marketing@coachcanada.com; cathy.lennon@ofa.on.ca; tyler.brooks@ofa.on.ca; brutusdanis@aol.com; annber@xplornet.com; gchs@truespeed.ca; terry.white@lafarge.com; greg.odonnell@leasecocommercial.com; [REDACTED] <ldickson@cogeco.ca>; [REDACTED]
Cc: comments@hwy401eastofbrockville.ca
Subject: Notice of Public Information Centre 1 - Highway 401 East of Brockville (GWP 4111-22-00)

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The information presented at this online PIC will provide you with an opportunity to review and comment on the existing study area conditions, identified challenges and opportunities, preliminary alternatives, and proposed evaluation criteria.

You are encouraged to visit the project website, www.hwy401eastofbrockville.ca, to obtain current project information and to submit comments to the project team.

If you are unable to view the online PIC and would like further information regarding the study, please contact either the undersigned or one of the project team members named in the enclosed information.

Kind regards,

Shane Vanhell B. Sc.
Environmental Planner

Shane.Vanhell@stantec.com

Stantec
200-835 Paramount Drive
Stoney Creek ON L8J 0B4



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PIC 1 Comments and Response Summary Table - Agencies
Preliminary Design and Class Environmental Assessment
Highway 401 Planning Study East of Brockville, GWP 4111-22-00
Stantec File: 165001328

Grey Italicized Font = Sent Response

Red Font = Draft Response Required MTO Approval

Respondent	Date/Method	Comment	Thank you for your email and interest in the Highway 401 Planning Study East of Brockville.	Response Sent?	Response Status
Tracy Adams Tracy.adams@ontario.ca	September 26, 2024 Email	Good afternoon Shane, This area falls within the Kemptville Kingston district. I've copied Adam Worth, DM for that district for awareness. Thanks, Tracy	<i>No response required</i>	N/A	
Bernie Davy annber@xplornet.com	October 1, 2024 Email	Good Morning Nevena: Thank you for the information. Due to the area you are working with, at this point in time, it doesn't concern the Grenville Snowmobile Association as our trails don't go west past Maitland. Regards Bernie Davy	<i>No response required</i>	N/A	
Brandan Norman Brandan.Norman@ontario.ca	October 15, 2024 Email	Hello Nevena, My colleague forwarded your email to me as I'm the Management Biologist responsible for this part of the province. I'm available to meet with you and your project team either October 28th at 10 AM or October 30th at 10 AM or 2 PM. Thank you, Brandan	<i>No response required</i>	N/A	
Karla Barboza Karla.Barboza@ontario.ca	October 21, 2024	Hi Shane, Thanks for sending this Notice of Public Information Centre 1 for the above referenced project to the Ministry of Citizenship and Multiculturalism (MCM). We note that the Stage 1 archaeological assessment (under Project Information Form number P394-0122-2024) has yet to be submitted by your licensed archaeologist for MCM's review. We strongly encourage the assessment report be submitted to MCM before the issuance of the notice of completion.	Thank you for your email Karla. The scope for the above-referenced study includes a Stage 1 Archaeological Assessment and a Cultural Heritage Resource Assessment Report. Our project team has completed their field investigations as part	Sent October 25, 2024	

PIC 1 Comments and Response Summary Table - Agencies
 Preliminary Design and Class Environmental Assessment
 Highway 401 Planning Study East of Brockville, GWP 4111-22-00
 Stantec File: 165001328

Respondent	Date/Method	Comment	Response Sent?	Response Status
		<p>Last June you advised that a Cultural Heritage Resource Assessment Report (CHRAR) would be undertaken. Could you please advise the status of the report? Thanks in advance, Karla</p>	<p>Thank you for your email and interest in the Highway 401 Planning Study East of Brockville.</p>	<p>of these two studies and the draft reports are currently undergoing internal review, and then the reports will be submitted to MCM. The reports will be completed and submitted to MCM prior to the Notice of Completion for the study. Please let us know if you have any further questions at this time.</p>

PUBLIC COMMENTS

From:
To:
Cc:
Subject:
Date:

-----Original Message-----

From: [REDACTED]
Sent: Thursday, October 3, 2024 1:03 PM
To: comments@hwy401eastofbrockville.ca
Subject: Noise pollution

[You don't often get email from [REDACTED]. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

We live on [REDACTED] and are worried that the noise from the 6 lane highway will increase dramatically. Would it be possible to include a noise barrier in your plans?

Sent from my iPhone

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From:
To:
Cc:
Subject:
Date:

-----Original Message-----

From: [REDACTED]
Sent: Thursday, October 3, 2024 11:19 AM
To: comments@hwy401eastofbrockville.ca
Subject: North Augusta Rd

[You don't often get email from Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Hi. We have been following this adventure since very early on as we live on [REDACTED] I looked on the map but I don't see any where how the issue of the off ramp on North Augusta rd has been addressed. Sometimes it is a very long wait to turn left to go over the overpass especially for the transports. Our original understanding was that the ramp was going to be moved to accommodate traffic turning left. Is this still going to happen. Thank you.
[REDACTED]

Sent from my iPad

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From:
To:
Cc:
Subject:
Date:

-----Original Message-----

From: [REDACTED]
Sent: Sunday, October 6, 2024 12:42 PM
To: comments@hwy401eastofbrockville.ca
Subject: Add me to project mailing list

[You don't often get email from [REDACTED]. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Please add me to the project mailing list. I live at [REDACTED] just south of the 401. This project will affect me.
My email address is [REDACTED]

Thank you.

Sent from my iPhone

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From: [Young, Rachel \(Waterloo\)](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: RE: Mailing list
Date: Monday, November 11, 2024 1:43:12 PM

-----Original Message-----

From: [REDACTED]
Sent: Thursday, October 3, 2024 8:53 PM
To: comments@hwy401eastofbrockville.ca
Subject: Mailing list

You don't often get email from [REDACTED]. Learn why this is important
<<https://aka.ms/LearnAboutSenderIdentification>>

Please add our name to the project Mailing List.

[REDACTED]

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Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: [Young, Rachel \(Waterloo\)](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: Assessment GWP 4111-22-00
Date: Monday, November 11, 2024 1:43:27 PM

-----Original Message-----

From: [REDACTED]
Sent: Thursday, October 3, 2024 1:58 PM
To: comments@hwy401eastofbrockville.ca
Subject: Assessment GWP 4111-22-00

You don't often get email from [REDACTED]. [Learn why this is important](#)
<<https://aka.ms/LearnAboutSenderIdentification>>

Good afternoon,

I received your notice in my mail today. Just FYI.... your map is wrong. You have mislabelled N. Augusta entirely... pls check google and try again. LOL

Thanks

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From: [REDACTED]
To: [REDACTED]
Subject: FW: Highway 401 Planning Study East of Brockville (GWP 4111-22-00)
Date: Tuesday, October 29, 2024 10:23:55 AM

From: [REDACTED]
Sent: Tuesday, October 29, 2024 10:22 AM
To: Gazibara, Nevena <Nevena.Gazibara@stantec.com>
Subject: Re: Highway 401 Planning Study East of Brockville (GWP 4111-22-00)

You don't often get email from [REDACTED]. [Learn why this is important](#)

Hello Nevena.

Can I get added to the email list for the GWP 4111-22-00 planning study.

I work For Lafarge Ready Mix in the Quality Control Division.

I cover the 401 Corridor from the Ont/QC border to the Kingston/Napanee area.

I live in Brockville and look forward to the 401 expansion and being a part of the rebuild.

Thank You.

[REDACTED]

On Tue, Oct 29, 2024 at 7:19 AM [REDACTED] wrote:

----- Forwarded message -----

From: Gazibara, Nevena <Nevena.Gazibara@stantec.com>

Date: Mon, Oct 7, 2024 at 1:38 PM

Subject: Highway 401 Planning Study East of Brockville (GWP 4111-22-00)

To: [REDACTED]

Cc: Brake, David (MTO) <dave.brake@ontario.ca>, Arsenault, Maddison (She/Her) (MTO)

<Maddison.Arsenault@ontario.ca>, Dickson, Amanda (MTO)

<Amanda.Dickson@ontario.ca>, Cooke, Gregg <gregg.cooke@stantec.com>, Belliveau, Tim

<tim.belliveau@stantec.com>

Good afternoon [REDACTED]

The project team for the above-referenced study is reaching out to you to gather feedback and input on

the Highway 401 Planning Study East of Brockville.

The Ontario Ministry of Transportation (MTO) has retained Stantec Consulting Ltd. to undertake a Planning, Preliminary Design and Class Environmental Assessment (Class EA) Study on Highway 401 for the replacement and rehabilitation of one bridge and one culvert, and identifying the future Highway 401 footprint for an interim six lanes and ultimate eight lanes, from 0.75 km east of North Augusta Road to 3.3 km west of Maitland Road (approximately 2.6 km), in the Township of Elizabethtown-Kitley, east of Brockville, in the United Counties of Leeds and Grenville.

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We encourage you to view the PIC 1 presentation and let us know if you have any questions or comments regarding the study and in particular the alternatives at Sharpe's Lane Bridge and how they relate to operations at the Lafarge facility.

Kind regards,

Nevena Gazibara B.Sc., MREM, ENV SP
Senior Environmental Planner
Environmental Team Lead - Transportation
nevena.gazibara@stantec.com

Pronouns: she, her, hers

Stantec
200-835 Paramount Drive
Stoney Creek ON L8J 0B4



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--

[Redacted signature block]



Subject:
Date:



FW: North Augusta Rd
Thursday, October 3, 2024 12:42:37 PM



-----Original Message-----

From: [Redacted]
Sent: Thursday, October 3, 2024 11:19 AM
To: comments@hwy401eastofbrockville.ca
Subject: North Augusta Rd

[You don't often get email from [Redacted] Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Hi. We have been following this adventure since very early on as we live on [Redacted] I looked on the map but I don't see any where how the issue of the off ramp on North Augusta rd has been addressed. Sometimes it is a very long wait to turn left to go over the overpass especially for the transports. Our original understanding was that the ramp was going to be moved to accommodate traffic turning left. Is this still going to happen. Thank you.

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From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: Highway 401 Planning Study East of Brockville (GWP 4111-22-00)
Date: Tuesday, October 29, 2024 10:23:55 AM

From: [REDACTED]
Sent: Tuesday, October 29, 2024 10:22 AM
To: Gazibara, Nevena <Nevena.Gazibara@stantec.com>
Subject: Re: Highway 401 Planning Study East of Brockville (GWP 4111-22-00)

You don't often get email from [REDACTED]. [Learn why this is important](#)

Hello Nevena.

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I work For Lafarge Ready Mix in the Quality Control Division.
I cover the 401 Corridor from the Ont/QC border to the Kingston/Napanee area.
I live in Brockville and look forward to the 401 expansion and being a part of the rebuild.

Thank You.

Luke

On Tue, Oct 29, 2024 at 7:19 AM [REDACTED] wrote:

----- Forwarded message -----

From: **Gazibara, Nevena** <Nevena.Gazibara@stantec.com>
Date: Mon, Oct 7, 2024 at 1:38 PM
Subject: Highway 401 Planning Study East of Brockville (GWP 4111-22-00)
To: [REDACTED]
Cc: Brake, David (MTO) <dave.brake@ontario.ca>, Arsenault, Maddison (She/Her) (MTO) <Maddison.Arsenault@ontario.ca>, Dickson, Amanda (MTO) <Amanda.Dickson@ontario.ca>, Cooke, Gregg <gregg.cooke@stantec.com>, Belliveau, Tim <tim.belliveau@stantec.com>

Good afternoon [REDACTED]

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Nevena Gazibara B.Sc., MREM, ENV SP
Senior Environmental Planner
Environmental Team Lead - Transportation
nevena.gazibara@stantec.com

Pronouns: she, her, hers

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[REDACTED]



From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Cc: [Vanhell, Shane](#)
Subject: FW: Noise pollution
Date: Thursday, October 3, 2024 1:28:21 PM

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
Sent: Thursday, October 3, 2024 1:03 PM
To: comments@hwy401eastofbrockville.ca
Subject: Noise pollution

[You don't often get email from [REDACTED] Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

We live on [REDACTED] and are worried that the noise from the 6 lane highway will increase dramatically. Would it be possible to include a noise barrier in your plans?

Sent from my iPhone
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From: [Vanhell, Shane](#)
To: [Young, Rachel \(Waterloo\)](#)
Cc: [Gazibara, Nevena](#)
Subject: FW: Add me to project mailing list
Date: Monday, October 7, 2024 9:23:18 AM

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

-----Original Message-----
From: [REDACTED]
Sent: Sunday, October 6, 2024 12:42 PM
To: comments@hwy401eastofbrockville.ca
Subject: Add me to project mailing list

[You don't often get email from [REDACTED] Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Please add me to the project mailing list. I live at [REDACTED] just south of the 401. This project will affect me.
My email address is [REDACTED]

Thank you.
Sent from my iPhone
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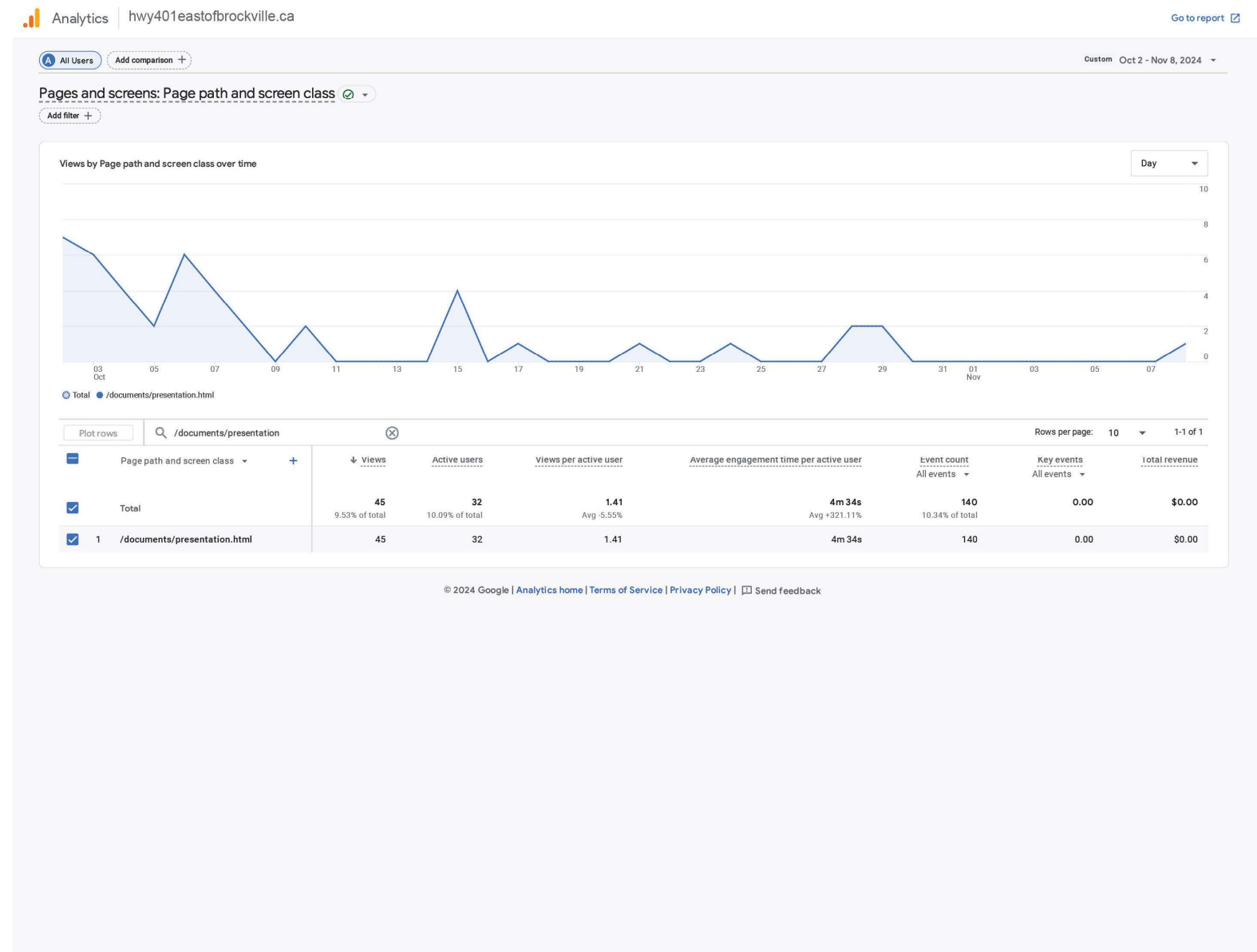
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Microsoft Forms

ID	Start time	Completion time	Email	Name	Last modified time	Name	Address (including Postal / Telephone Number / Email)	Please provide your comments
1	10/3/24 17:26:20	10/3/24 17:29:44	anonymous					<p>I believe the project as proposed for the Sheppard's Lane Overpass and Butler Creek culvert make sense, if the objective is and it appears so, to increase the amount of lanes. This is prudent as the amount of traffic flowing through this two lane highway exceeds what it was designed for and is a risk to residents</p>
2	10/4/24 21:53:59	10/4/24 21:59:08	anonymous					<p>and commuters. My question is, what is the plan or where is the plan to be found that addresses the choke point between North Augusta to the east and Stewart Blvd to the west. Is that going to be completed at the same time, if so, great, if not, why?</p> <p>I believe that this project is very much needed, my only concern is the level of noise that residents along Waverly and Oxford Ave. will be forced to endure as well as the pollution from the expansion. The sound barrier that is in place now makes very little difference in the level of noise from the highway.</p>
3			anonymous					<p>It is good to know that the Ministry is tracking these structures and is trouble-shooting safety issues.</p>

GWP-4111-22-00 Online PIC 1 Participation



From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: Noise barrier
Date: Monday, August 11, 2025 11:19:35 AM

[REDACTED]

[REDACTED]

-----Original Message-----

From: [REDACTED]
Sent: Thursday, July 17, 2025 9:03 AM
To: comments@hwy401eastofbrockville.ca
Subject: Noise barrier

[You don't often get email from [REDACTED]. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

I do hope there is money in your budget for a noise barrier from Sharps lane to just past Applewood Circle. Our houses are soo close to the 401 we have to shout at each other while in the garden. Concerned there will be more noise because of the expansion and our property value will be much reduced.

Sent from my iPhone

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PUBLIC INFORMATION CENTRE 2
Comments

From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: Noise pollution
Date: Monday, August 11, 2025 11:19:59 AM

[REDACTED]
[REDACTED]

-----Original Message-----

From: [REDACTED]
Sent: Monday, July 21, 2025 2:15 PM
To: comments@hwy401eastofbrockville.ca
Subject: Noise pollution

[You don't often get email from [REDACTED] Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

For David Brake, Senior project Manager,

Please make allowances in your budget for a noise barrier for Old Sharpes Lane and Cottonwood Circle. I don't think a survey was done ever and if 6 lanes or 8 lanes of 401 is built our property value will plummet. We really need it. Thanks

Sent from my iPhone

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From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: GWP 4111-22-00
Date: Tuesday, July 22, 2025 9:15:29 AM
Attachments: [image.png](#)
[image001.png](#)

[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]



From: [REDACTED]
Sent: Tuesday, July 22, 2025 9:07 AM
To: comments@hwy401eastofbrockville.ca
Subject: GWP 4111-22-00

You don't often get email from [REDACTED] [Learn why this is important](#)

Hello,

I am a resident at [REDACTED] - despite the "Brockville" assignment, I am the first [REDACTED]. See the red dot for reference:



I just received another notice regarding Project GWP 4111-22-00. When looking at the included map, it seems that my house would be well short of the impact area. Regardless, I have heard and read multiple different accounts of property acquisitions as part of the interim six lane and ultimate eight lane highway in this area. If my property will indeed be impacted by this project, can someone give me some sort of timeline as to when it may have to be purchased, if at all?

Regards,

[Redacted]

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From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: [Redacted] Highway 401 Project east of Brockville
Date: Monday, August 11, 2025 7:18:19 AM
Attachments: [image001.png](#)
[0 Oxfordc.mp4](#)
[0 Oxforda.mp4](#)
[0 Oxfordb.mp4](#)
[image002.png](#)

[Redacted]

Nevena Gazibara, B.Sc., MREM, Env. SP.
Environmental Planning Team Lead
She, Her, Hers



From: Brake, David (MTO) <Dave.Brake@ontario.ca>
Sent: Tuesday, July 29, 2025 11:41 AM

[Redacted]

I spoke with [Redacted] his morning; he had left me several voicemails last week.

He is open to the property acquisition process, but I think he thought he could leverage this acquisition to gain access to the back of his property from the highway. I let him know that the 401 is a controlled access highway and access is limited to interchanges, so access to his property would not be approved. He wants to retire to the area and maybe develop a small hobby farm, he purchased the land about four years ago.

He is happy to help where he can and wants to meet with corridor to discuss what options he has for access. I will send them a separate e-mail in this regard.

I let him know that this is a planning study and that we would not be looking to acquire the property for at least five years.

Dave

David Brake
Senior Project Manager | Capital Planning & Program Development
Asset Management Branch | TIMD
Ministry of Transportation | Ontario Public Service
613-893-3031 | dave.brake@ontario.ca



Taking pride in strengthening Ontario, its places and its people

Upcoming holidays August 4th – 8th

From: [Redacted]
Sent: Sunday, July 6, 2025 2:34 PM
To: Brake, David (MTO) <Dave.Brake@ontario.ca>
Cc: Gregg.Cooke@stantec.com
Subject: [Redacted] Highway 401 Project east of Brockville

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

Hi David/Gregg

We have just picked up the registered mail, and thank you for informing us the impact on our property.

I am studying it and I think it is a great project. If the project needs to access or expand into our land, please contact me by my cell phone at [Redacted] and leave message. Or you can email me to [Redacted].

I am recovering from a Hwy401 car accident, and I could sometimes reply a little bit late.

[Redacted]

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From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: GWP 4111-22-00
Date: Monday, August 11, 2025 7:41:12 AM
Attachments: [image001.png](#)
[image002.png](#)
[1098 County Road 15 Impact Letter.pdf](#)
[image003.png](#)

[Redacted]

Nevena Gazibara, B.Sc., MREM, Env. SP.
Environmental Planning Team Lead
She, Her, Hers



From: Brake, David (MTO) <Dave.Brake@ontario.ca>
Sent: Thursday, July 31, 2025 9:37 AM
To: [Redacted]
Cc: comments@hwy401eastofbrockville.ca; Adams, John (MTO) <John.Adams@ontario.ca>
Subject: RE: GWP 4111-22-00

[Redacted]

Thank you for reaching out.

You are correct that your property is not included in the current study area east of Brockville.

However, a previous study completed in 2024, covering the area between Maitland Road and Highway 16 (GWP 4024-20-00), did involve outreach to property owners on record at the time ([Redacted]). Please find the attached letter from that engagement.

As part of that study, a Recommended Plan was developed which includes proposed improvements to the Maitland Road interchange. These proposed changes would affect the property located at 1098 County Road 15.

Currently, there is no set timeline for construction. The Maitland Road bridge remains in good condition, with replacement not anticipated for another 7 to 10 years. As such, any property acquisition related to the proposed improvements would likely not begin for at least five years.

If you have any further questions or comments, please don't hesitate to contact me.

Regards,

David Brake
Senior Project Manager | Capital Planning & Program Development

Asset Management Branch | TIMD
Ministry of Transportation | Ontario Public Service
613-893-3031 | dave.brake@ontario.ca



Taking pride in strengthening Ontario, its places and its people
Upcoming holidays August 4th – 8th

From: [REDACTED]
Sent: Wednesday, July 30, 2025 10:22 AM
To: comments@hwy401eastofbrockville.ca
Cc: tim.belliveau@stantec.com
Subject: Re: GWP 4111-22-00

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

Good morning,

Just looking to follow up on my previous email.

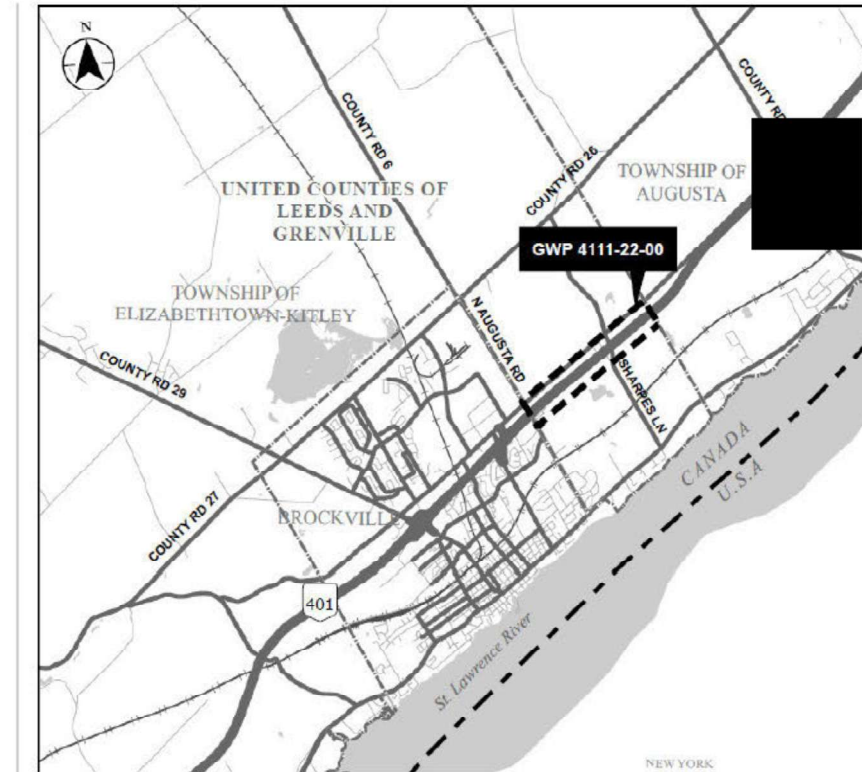
Thank you,

[REDACTED]

On Tue, Jul 22, 2025 at 9:07 AM Richard Joudoin <[REDACTED]> wrote:

Hello,

I am a resident at [REDACTED] - despite the "Brockville" assignment, I am the first house [REDACTED] See the red dot for reference:



I just received another notice regarding Project GWP 4111-22-00. When looking at the included map, it seems that my house would be well short of the impact area. Regardless, I have heard and read multiple different accounts of property acquisitions as part of the interim six lane and ultimate eight lane highway in this area. If my property will indeed be impacted by this project, can someone give me some sort of timeline as to when it may have to be purchased, if at all?

Regards,

[REDACTED]

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From: [Gazibara, Nevena](#)
To: [REDACTED]
Monday, August 11, 2025 11:22:27 AM

[REDACTED]
[REDACTED]

-----Original Message-----

From: [REDACTED]
Sent: Friday, August 1, 2025 10:42 AM
To: comments@hwy401eastofbrockville.ca
Subject: [REDACTED]

You don't often get email from [REDACTED]. [Learn why this is important](#)
<<https://aka.ms/LearnAboutSenderIdentification>>

Good morning:

I am trying to find more information about why I received the notice of public information centre 2. I am in the process of putting significant money into my home in preparation for retirement and need to understand how highway improvements may impact my property. If there is a possibility the MTO will require my land, I would like to know so that I can make decisions regarding my future.

Could someone please contact me about this?

Thank you

[REDACTED]

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From: [REDACTED]
Sent: Monday, August 11, 2025 12:13 PM
To: Cooke, Gregg <gregg.cooke@stantec.com>
Subject: Voice Mail (1 minute and 16 seconds)

hi greg my name is [REDACTED] i live on [REDACTED] we received a letter umm regarding the notice of public information preliminary design and class environmental assessment of hwy 4 O1 planning study east of brockville and we just wanted a bit more information the picture there is a bit difficult to read in terms of specifically where the the limitation of the line would be we're fairly close and we saw someone measure some things and we received the letter so we just want to make sure how this will affect us and if this is actually going to to happen and and how many years approximately and a few more information but if you could give us a call back uh you can reach me at [REDACTED] thank you very much looking forward to hear from you have a good day bye bye

You received a voice mail from [REDACTED]

Thank you for using Transcription! If you don't see a transcript above, it's because the audio quality was not clear enough to transcribe.

[Set Up Voice Mail](#)

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From: [audio.mp3](#)
To: [image001.png](#)
Subject:
Date:
Attachments:



From: Cooke, Gregg <gregg.cooke@stantec.com>
Sent: Monday, August 11, 2025 1:26 PM
To: Gazibara, Nevena <Nevena.Gazibara@stantec.com>
Subject: FW: Voice Mail (1 minute and 16 seconds)

[REDACTED]

From: [REDACTED]
Sent: Monday, August 11, 2025 12:13 PM
To: Cooke, Gregg <gregg.cooke@stantec.com>
Subject: Voice Mail (1 minute and 16 seconds)

hi greg my name is [REDACTED] we received a letter umm regarding the notice of public information preliminary design and class environmental assessment of hwy 4 01 planning study east of brockville and we just wanted a bit more information the picture there is a bit difficult to read in terms of specifically where the the limitation of the line would be we're fairly close and we saw someone measure some things and we received the letter so we just want to make sure how this will affect us and if this is actually going to happen and and how many years approximately and a few more information but if you could give us a call back uh you can reach me at [REDACTED] thank you very much looking forward to hear from you have a good day bye bye

You received a voice mail from [REDACTED]

Thank you for using Transcription! If you don't see a transcript above, it's because the audio quality was not clear enough to transcribe.

[Set Up Voice Mail](#)

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From: [Gazibara, Nevena](#)
To: [Young, Rachel \(Waterloo\)](#)
Subject: FW: 90 Manor Drive
Date: Tuesday, August 12, 2025 2:06:43 PM

[REDACTED]

Nevena Gazibara, B.Sc., MREM, Env. SP.
Environmental Planning Team Lead
She, Her, Hers

-----Original Message-----

From: Gazibara, Nevena
Sent: Tuesday, August 12, 2025 2:06 PM
To: [REDACTED]
Cc: comments@hwy401eastofbrockville.ca
Subject: FW: [REDACTED]

Thank you for your email [REDACTED]

Please note that the Highway 401 Planning Study East of Brockville (GWP 4111-22-00) as well as the previously completed Highway 401 Brockville Planning Study (GWP 4003-19-00) do not impact your property, and you would have received the notice for general information purposes only.

Please don't hesitate to contact us should you have any further questions.

Kind regards,
Nevena Gazibara B.Sc., MREM, ENV SP
Senior Environmental Planner
Environmental Team Lead - Transportation nevena.gazibara@stantec.com

Pronouns: she, her, hers

VACATION ALERT: I will be away on vacation from July 25 to August 8, 2025.

Stantec
200-835 Paramount Drive
Stoney Creek ON L8J 0B4

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-----Original Message-----

From: [REDACTED]
Sent: Friday, August 1, 2025 10:42 AM
To: comments@hwy401eastofbrockville.ca
Subject: [REDACTED]

You don't often get email from [REDACTED] Learn why this is important
<<https://aka.ms/LearnAboutSenderIdentification>>

Good morning:

I am trying to find more information about why I received the notice of public information centre 2. I am in the process of putting significant money into my home in preparation for retirement and need to understand how highway improvements may impact my property. If there is a possibility the MTO will require my land, I would like to know so that I can make decisions regarding my future.

Could someone please contact me about this?

Thank you

[REDACTED]

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From: [REDACTED]
Cc: comments@hwy401eastofbrockville.ca
Subject: RE: Noise pollution
Date: Monday, September 15, 2025 12:57:00 PM

Hello [REDACTED]

Thank you for your comment regarding the implementation of a noise wall.

The project team is completing a Noise Impact Assessment as part of this study. This noise analysis will follow the Ministry of Transportation's Environmental Guide for Noise (the MTO Guide) published in 2022 which complies with the requirements of the Ontario Environmental Assessment Act. This assessment includes a review of previous studies relevant to the area, along with an analysis of Noise Sensitive Areas (NSAs), proposed developments, traffic data, construction equipment and schedules, and any applicable local or municipal noise bylaws.

The team is evaluating road traffic noise impacts carefully, and any proposed noise mitigation measures will be assessed for both technical and economic feasibility. Recommendations from the noise assessment will be included in the final plan.

Please be advised that you are on the project contact list so you will receive all future notification for the project. If you require further information regarding this project, please feel free to email the Project Team at: comments@hwy401eastofbrockville.ca.

Thank you,

Rachel Young (she/her)
Transportation/Environmental Planner

Direct: (519) 575-4228
Email: Rachel.young2@stantec.com

Stantec
100-300 Hagey Boulevard
Waterloo ON N2L 0A4

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-----Original Message-----

From: [REDACTED]
Sent: Monday, July 21, 2025 2:15 PM
To: comments@hwy401eastofbrockville.ca
Subject: Noise pollution

[You don't often get email from [REDACTED] Learn why this is important at
<https://aka.ms/LearnAboutSenderIdentification>]

For David Brake, Senior project Manager,

Please make allowances in your budget for a noise barrier for Old Sharpes Lane and Cottonwood Circle. I don't

think a survey was done ever and if 6 lanes or 8 lanes of 401 is built our property value will plummet. We really need it. Thanks

Sent from my iPhone

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From: [REDACTED]
To: [Young, Rachel \(Waterloo\)](mailto:Rachel.Young2@stantec.com)
Subject: Re: Noise pollution
Date: Tuesday, September 16, 2025 12:13:58 PM

Thank you for this info. It sounds very positive.

Sent from my iPhone

> On Sep 15, 2025, at 12:57, Young, Rachel (Waterloo) <Rachel.Young2@stantec.com> wrote:

>

> Hello [REDACTED]

>

> Thank you for your comment regarding the implementation of a noise wall.

>

> The project team is completing a Noise Impact Assessment as part of this study. This noise analysis will follow the Ministry of Transportation's Environmental Guide for Noise (the MTO Guide) published in 2022 which complies with the requirements of the Ontario Environmental Assessment Act. This assessment includes a review of previous studies relevant to the area, along with an analysis of Noise Sensitive Areas (NSAs), proposed developments, traffic data, construction equipment and schedules, and any applicable local or municipal noise bylaws.

>

> The team is evaluating road traffic noise impacts carefully, and any proposed noise mitigation measures will be assessed for both technical and economic feasibility. Recommendations from the noise assessment will be included in the final plan.

>

> Please be advised that you are on the project contact list so you will receive all future notification for the project. If you require further information regarding this project, please feel free to email the Project Team at: comments@hwy401eastofbrockville.ca.

>

> Thank you,

>

> Rachel Young (she/her)

> Transportation/Environmental Planner

>

> Direct: (519) 575-4228

> Email: Rachel.young2@stantec.com

>

>

> Stantec

> 100-300 Hagey Boulevard

> Waterloo ON N2L 0A4

>

>

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>

>

> -----Original Message-----

> From: [REDACTED]

> Sent: Monday, July 21, 2025 2:15 PM

> To: comments@hwy401eastofbrockville.ca

> Subject: Noise pollution

>

> [You don't often get email from ██████████ Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

>

> For David Brake, Senior project Manager,

>

> Please make allowances in your budget for a noise barrier for Old Sharpes Lane and Cottonwood Circle. I don't think a survey was done ever and if 6 lanes or 8 lanes of 401 is built our property value will plummet. We really need it. Thanks

>

> Sent from my iPhone

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From: Rebekka MASSIE <rebekka.massie@lafarge.com>

Sent: Tuesday, December 10, 2024 11:55 AM

To: Gazibara, Nevena <Nevena.Gazibara@stantec.com>

Cc: Brake, David (MTO) <dave.brake@ontario.ca>; Baczyk, Steve (MTO) <steve.baczyk@ontario.ca>; Belliveau, Tim <tim.belliveau@stantec.com>; Cooke, Gregg <gregg.cooke@stantec.com>; Vaillancourt, Sophie <Sophie.Vaillancourt@stantec.com>; comments@hwy401eastofbrockville.ca

Subject: Re: Sharpe's Lane closure

Hi Nevena,

I don't have a specific number for you since the business varies so much depending on the market, but I can tell you that all of our trucks that come to the site from the highway, enter via the northern portion of Sharpe's Lane. We have many trucks that use the southern portion of Sharpe's Lane to access our other side on Leeds and Grenville 2. These sites operate year-round, though winter is the slower season.

Regards,

Rebekka

On Tue, Dec 10, 2024 at 9:55 AM Gazibara, Nevena <Nevena.Gazibara@stantec.com> wrote:

Good morning Rebekka,

I'm just following up from my previous email to see if you happen to know the number of trucks from the LaFarge facility that utilize Sharpe's Lane bridge on a daily/weekly/monthly basis and if there are any times throughout the year where the facility is not operating.

Kind regards,

Nevena Gazibara B.Sc., MREM, ENV SP
Senior Environmental Planner
Environmental Team Lead - Transportation
nevena.gazibara@stantec.com

Pronouns: she, her, hers

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From: Gazibara, Nevena

Sent: Wednesday, November 27, 2024 11:16 AM

To: Rebekka MASSIE <rebekka.massie@lafarge.com>

Cc: Brake, David (MTO) <Dave.Brake@ontario.ca>; Baczyk, Steve (MTO) <steve.baczyk@ontario.ca>; Belliveau, Tim <tim.belliveau@stantec.com>; Cooke, Gregg <gregg.cooke@stantec.com>; Vaillancourt, Sophie <Sophie.Vaillancourt@stantec.com>; comments@hwy401eastofbrockville.ca

Subject: RE: Sharpe's Lane closure

Thank you for your email Rebekka.

Your input regarding LaFarge's operations at Sharpe's Lane and impacts to those operations as a result of a potential temporary closure at Sharpe's Lane bridge is important feedback that has been circulated to the project team for consideration during the evaluation of alternatives for the replacement of Sharpe's Lane Bridge.

Please note that as part of this planning study there are 4 bridge replacement alternatives under consideration (including alternatives where Sharpe's Lane Bridge remains open during construction). These alternatives were presented as part of Public Information Centre 1 for the project and can be found here: [Highway 401 East of Brockville](#).

The project team will review all feedback provided on the bridge replacement alternatives as well as engineering, environmental, and community factors as part of the evaluation of alternatives. Once a technically preferred plan is selected, it will be presented to the public as part of a second Public Information Centre. It should be noted that there are no construction timelines identified for any of the improvements identified as part of study, so construction is not imminent along Sharpe's Lane.

As part of the evaluation process, the project team is also wondering if you happen to know the

number of trucks from the LaFarge facility that utilize Sharpe's Lane bridge on a daily/weekly/monthly basis and if there are any times throughout the year where the facility is not operating.

Thank you once again for your feedback. Your contact information has been added to the project mailing list and you will be notified of key project updates and opportunities for input.

Kind regards,

Nevena Gazibara B.Sc., MREM, ENV SP
Senior Environmental Planner
Environmental Team Lead - Transportation
nevena.gazibara@stantec.com

Pronouns: she, her, hers

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From: Rebekka MASSIE <rebekka.massie@lafarge.com>

Sent: Tuesday, November 26, 2024 9:23 AM

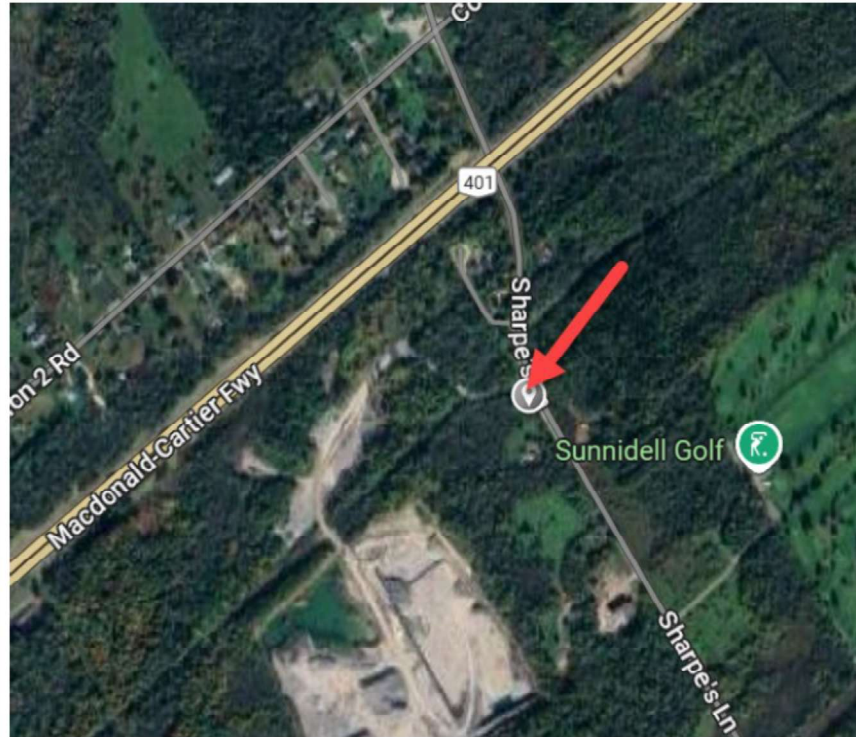
To: Gazibara, Nevena <Nevena.Gazibara@stantec.com>

Subject: Sharpe's Lane closure

You don't often get email from rebekka.massie@lafarge.com. [Learn why this is important](#)

Hi Nevena,

It's come to my attention that there will be construction on the bridge at Sharpe's Lane. I'm the Land Manager for the area. We have an active quarry on Sharpe's Lane, so we need to make sure we will still have access. See below for location.



Regards,
Rebekka

--
Rebekka Massie, H.BSc

Land Manager | Eastern & Northern Ontario
Lafarge Canada Inc. | 1651 Bearbrook Rd. Ottawa, ON K1B 1B8
Phone 343-550-2428
Email rebekka.massie@lafarge.com
A member of LafargeHolcim

--
Rebekka Massie, H.BSc

Land Manager | Eastern & Northern Ontario
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