

Appendix E5

Correspondence Record: Indigenous Nations



Appendix E5

**Dundas Bus Rapid Transit
Environmental Project
Report - Correspondence
Record: Indigenous Nations**

Indigenous Nations Correspondence Record

- **Haudenosaunee Confederacy
Chiefs Council**
- **Huron-Wendat Nation**
- **Mississaugas of the Credit
First Nation**
- **Six Nations of the Grand River**

Indigenous Nations Correspondence Record

- **Haudenosaunee Confederacy
Chiefs Council**

Indigenous Relations

From: Jackie Esmonde <jesmonde@cavalluzzo.com>
Sent: February-04-22 4:08 PM
To: Indigenous Relations; Lara Koerner-Yeo
Cc: Chamberlain, Adam
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

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Dear Metrolinx Representative:

We are writing in response to your February 4, 2022 request for feedback from HCCC/HDI on a Metrolinx project.

HCCC/HDI has established rights within the Nanfan Treaty and Haldimand Treaty territories. An email attaching technical documents relating to development within that territory, and with a short timeframe for response, is not consistent with Haudenosaunee inherent Indigenous and treaty rights, including rights to free, prior and informed consent as well as Haudenosaunee rights to determine and develop priorities and strategies for the development or use of their lands or territories and other resources.

In the absence of an Engagement Framework, we refer you to HDI's established process for engagement: <https://www.haudenosauneeconfederacy.com/departments/haudenosaunee-development-institute/development/>

[REDACTED]

Until meaningful engagement has taken place, HCCC/HDI objects to the approval of any Metrolinx projects within Haudenosaunee territory with the placement of our monitors on those projects expressly not constituting consent, approval or any form of engagement/consultation. An extension of the stated deadline will be needed for such engagement to occur.

Jackie Esmonde
Cavalluzzo LLP
Pronouns: she/her

From: Indigenous Relations <IndigenousRelations@metrolinx.com>
Sent: February 4, 2022 3:30 PM
To: Jackie Esmonde <jesmonde@cavalluzzo.com>; Lara Koerner-Yeo <LKoernerYeo@cavalluzzo.com>
Cc: Chamberlain, Adam <Adam.Chamberlain@gowlingwlg.com>
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Dear Ms. Koerner Yeo and Ms. Esmonde,

As per our previous correspondence dated December 16, 2021, pending a negotiated Relationship Framework, Metrolinx will continue to share all project communication through you as HCCC/HDI's legal counsel, we wanted to share with you that we have now received the final three Draft Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (DBRT) Mississauga East Project.

They can be accessed using the following link:

[Redacted link]

The Ministry of Heritage, Sport, Tourism and Culture Industries has requested that these CHERs be finalized during the Transit Project Assessment Process (TPAP) that this project is progressing through. Due to these timelines, comments received prior to February 14, 2022 will be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 will be incorporated into the EPR during the public review period stipulated by the TRAP, which will end of March 24, 2022.

[Redacted text]

Please let me know if you have any further questions or if the Indigenous Relations Office can be of any further assistance.

Thank you,
Jaimi

Jaimi O'Hara

Manager, Indigenous Relations
Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
T: 416.202.5617 C: 416-356-9715

Indigenous Relations

From: Jackie Esmonde <jesmonde@cavalluzzo.com>
Sent: January-28-22 2:54 PM
To: Indigenous Relations; Lara Koerner-Yeo
Cc: Chamberlain, Adam
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

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Dear Metrolinx Representative:

We are writing in response to your January 28, 2022 request for feedback from HCCC/HDI on a Metrolinx project.

HCCC/HDI has established rights within the Nanfan Treaty and Haldimand Treaty territories. An email attaching technical documents relating to development within that territory, and with a short timeframe for response, is not consistent with Haudenosaunee inherent Indigenous and treaty rights, including rights to free, prior and informed consent as well as Haudenosaunee rights to determine and develop priorities and strategies for the development or use of their lands or territories and other resources.

In the absence of an Engagement Framework, we refer you to HDI's established process for engagement: <https://www.haudenosauneeconfederacy.com/departments/haudenosaunee-development-institute/development/>

[REDACTED]

Until meaningful engagement has taken place, HCCC/HDI objects to the approval of any Metrolinx projects within Haudenosaunee territory with the placement of our monitors on those projects expressly not constituting consent, approval or any form of engagement/consultation. An extension of the stated deadline will be needed for such engagement to occur.

Yours truly,

Jackie Esmonde
Cavalluzzo LLP
Pronouns: she/her

From: Indigenous Relations <IndigenousRelations@metrolinx.com>
Sent: January 28, 2022 2:35 PM
To: Jackie Esmonde <jesmonde@cavalluzzo.com>; Lara Koerner-Yeo <LKoernerYeo@cavalluzzo.com>
Cc: Chamberlain, Adam <Adam.Chamberlain@gowlingwlg.com>
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Dear Ms. Koerner Yeo and Ms. Esmonde,

As per our previous correspondence dated December 16, 2021, pending a negotiated Relationship Framework, Metrolinx will continue to share all project communication through you as HCCC/HDI's legal counsel, we wanted to share with you that, as outlined in the email below, we have now received the next set of the Draft Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (DBRT) Mississauga East Project.

The CHERs are available through the following link for review:

As mentioned, we will be sharing the CHERs with your Nation as they become available to us and will reach out directly with the final set next week.

The Ministry of Heritage, Sport, Tourism and Culture Industries has requested that these CHERs be finalized during the Transit Project Assessment Process (TPAP) that this project is progressing through. Due to these timelines, comments received prior to February 14, 2022 will be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 will be incorporated into the EPR during the public review period stipulated by the TRAP, which will end of March 24, 2022.

Please let me know if you have any further questions or if the Indigenous Relations Office can be of any further assistance.

Thank you,
Jaimi

Jaimi O'Hara

Manager, Indigenous Relations
Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
T: 416.202.5617 C: 416-356-9715

From: Indigenous Relations

Sent: January 25, 2022 12:19 PM

To: jesmonde@cavalluzzo.com; LKoernerYeo@cavalluzzo.com

Cc: Chamberlain, Adam <Adam.Chamberlain@gowlingwlg.com>

Subject: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Dear Ms. Koerner Yeo and Ms. Esmonde,

As per our previous correspondence dated December 16, 2021, pending a negotiated Relationship Framework, Metrolinx will continue to share all project communication through you as HCCC/HDI's legal

counsel, we wanted to share with you a letter, attached, outlining six Cultural Heritage Evaluation Reports (CHERs) for review, relating to the Dundas Bus Rapid Transit (BRT) Mississauga East Project.

Metrolinx is in the process of conducting the CHERs for each property and wishes to share with HCCC/HDI for review, as we receive them. The first CHER is available at the following Dropbox link, and we will continue to reach out to your Nation directly, as the following five CHERs become available.

The Ministry of Heritage, Sport, Tourism and Culture Industries has requested that these CHERs be finalized during the Transit Project Assessment Process (TPAP) that this project is progressing through. Due to these timelines, comments received prior to February 14, 2022 will be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 will be incorporated into the EPR during the public review period stipulated by the TRAP, which will end of March 24, 2022.

Thank you,

Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

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T: 416.202.5617 C: 416-356-9715

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January 25, 2022

Ms. Tracey General, Office Manager
Haudenosaunee Confederacy Chiefs Council
2634 6th Line Road, RR#2
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Ms. General,

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Cultural Heritage Evaluation Reports (CHERs)

Metrolinx remains committed to meaningful consultation and engagement, especially where our projects have impacts to the Treaty and traditional lands of Haudenosaunee Confederacy Chiefs Council. The purpose of this letter is to invite Haudenosaunee Confederacy Chiefs Council to review six Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Haudenosaunee Confederacy Chiefs Council on this project.

Project Description

Metrolinx, a regional transportation agency, is overseeing the proposed Dundas Bus Rapid Transit (BRT) Project.

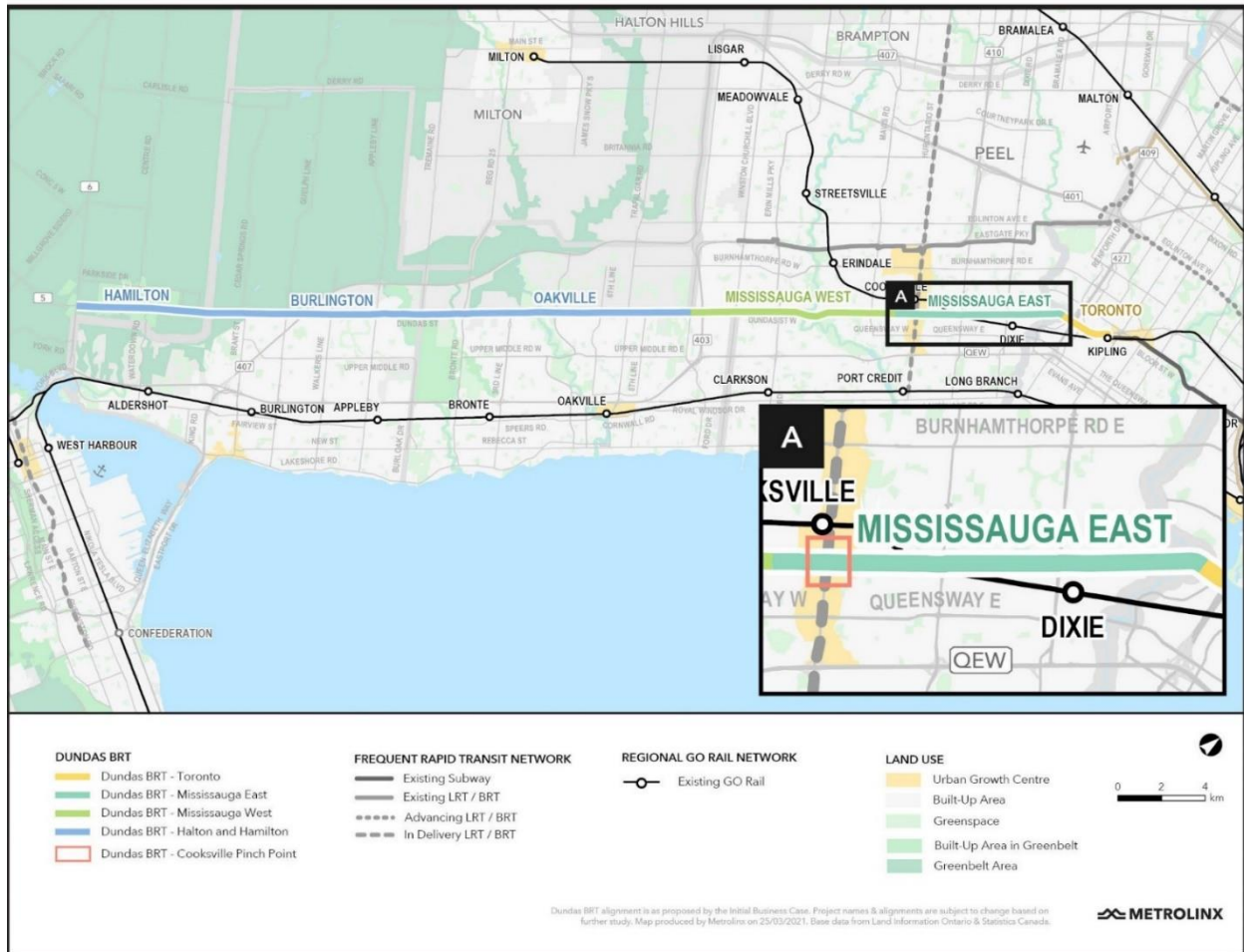
The Dundas BRT project is a proposed transportation corridor along a 48 kilometer stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

A letter was previously sent to the Haudenosaunee Confederacy Chiefs Council on May 3, 2021 as an introduction to the Dundas BRT project with an update on the status of the project provided on August 25, 2021. The draft Environmental Project Report (EPR) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project was sent out to the Haudenosaunee Confederacy Chiefs Council on Oct 15, 2021. The Notice of Commencement was sent out on Dec10,2021.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that provides a defined framework for assessing the potential environmental impacts of a proposed transit project, in this case the Dundas Bus Rapid Transit Mississauga East Project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Please see **Table 1** below for the project and TPAP timeline.

Table 1: Project and TPAP Timeline

Project Introduction Letter	May, 2019
Virtual Engagement Round #1	Start:19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement • Starts the up to 120 day period	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21 , End: 22-Feb-22*
Notice of Completion • EPR review period (30 days) • Minister's review of EPR (35 days)	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Location Maps are available in **Appendix A**

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared with the Haudenosaunee Confederacy Chiefs Council for review and comment on August 26, 2021.

Based on the preliminary assessment in Cultural Heritage Report (CHR), it was recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for six (6) built heritage resources. Metrolinx is in the process of conducting the Cultural Heritage Evaluation Reports for each property and wishes to share with Haudenosaunee Confederacy Chiefs Council for review, as we receive them. A summary of the properties and their location is found below.

Built Heritage Resource/Cultural Heritage Landscape Ref.	Location/Address	Date of Submission
BHR 1	202 Dundas Street West	January 28th
BHR 2	196 Dundas Street West	February 4th
BHR 4	51, 55-57 Dundas Street West	January 28th
BHR 5	47 Dundas Street West	February 4th
BHR 6	37 Dundas Street West	February 4th
BHR 7	14 Dundas Street East	January 25th

Comments received prior to February 14, 2022 can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process. We recognize that these timelines for review are short and appreciate your continued patience as we continue to work through our business processes to ensure a lengthier review time for such documents in the future.

We ask that the Haudenosaunee Confederacy Chiefs Council please provide comments on all six CHERs by **February 14, 2022**

The first CHER is available at the following Link:

Link:



Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Haudenosaunee Confederacy Chiefs Council for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep the Haudenosaunee Confederacy Chiefs Council informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared this draft report with the Haudenosaunee Confederacy Chiefs Council for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. Metrolinx acknowledges that the Haudenosaunee Confederacy Chiefs Council should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that the Haudenosaunee Confederacy Chiefs Council may have in relation to the Dundas Bus Rapid Transit Mississauga East Project and/or the Cultural Heritage Evaluation Reports (CHERs). Metrolinx would also welcome the opportunity to meet with the Haudenosaunee Confederacy Chiefs Council to provide more information and discuss any interests or questions that your Nation may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders. We extend an open invitation to members of the Haudenosaunee Confederacy Chiefs Council to participate in the fourth Public Information Centres, however, this would not preclude any request from the Haudenosaunee Confederacy Chiefs Council to meet with Metrolinx directly.

Metrolinx is committed to building a long-term relationship with Haudenosaunee Confederacy Chiefs Council, and we recognize that this requires transparency and meaningful engagement. We appreciate that we still have much work to do in this regard and we hope to move forward in a good way. We appreciate your patience as we continue to move forward in a mutually beneficial way.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,



Paul Niejadlik
Manager, Environmental Programs and Assessment
Metrolinx

cc: Todd Williams, Haudenosaunee Development Institute

Indigenous Relations Office, Metrolinx

Indigenous Relations Office, Metrolinx

Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx

Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Appendix A

Figure 1 Map of Known and Potential Built Heritage Within Study Area

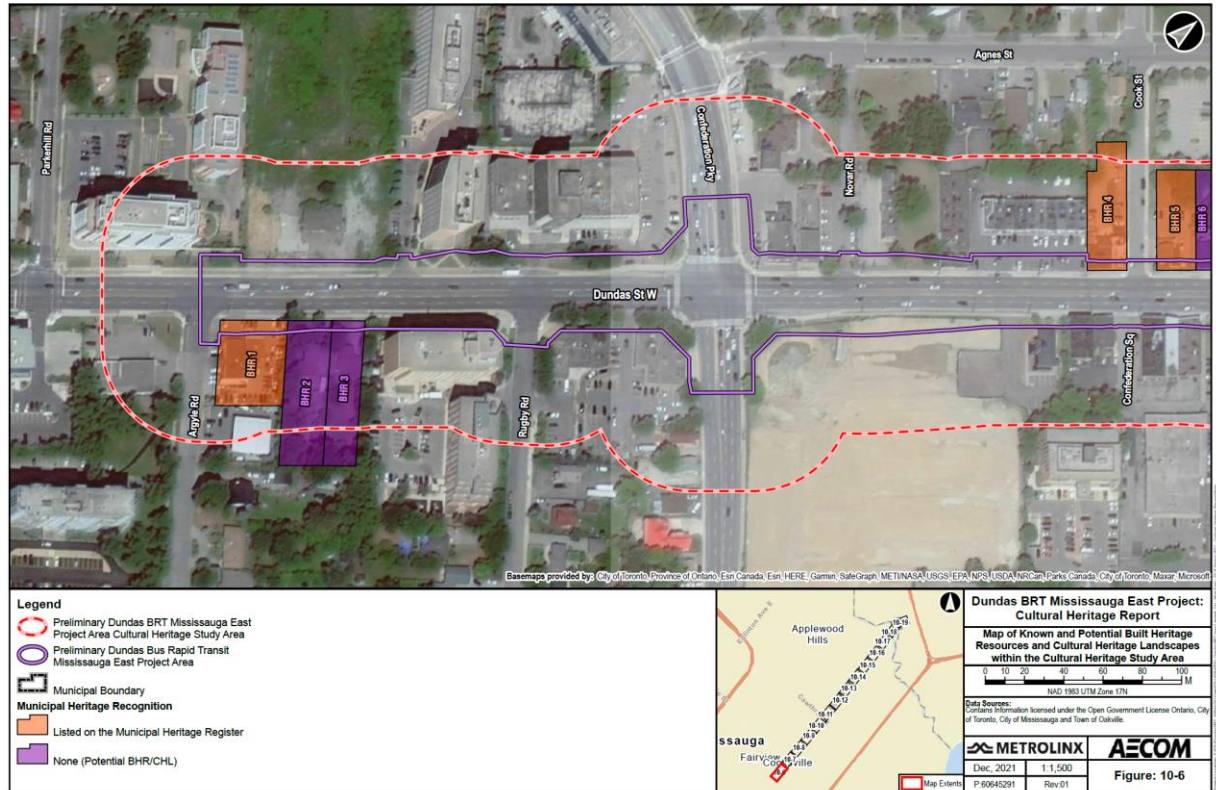


Figure 2 Map of Known and Potential Built Heritage Within Study Area



Indigenous Relations

From: Aaron Detlor <aaron@detlorlaw.com>
Sent: December-16-21 4:46 PM
To: Karla Avis-Birch
Cc: Aaron Detlor; Adrienne Telford; Lara KoernerYeo; Brian Doolittle; adam.chamberlain@gowlingwlg.com; Indigenous Relations; Jackie Esmonde
Subject: Re: Email Correspondence Received December 13

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Dear Ms. Avis-Birch

It appears that Metrolinx really is not to be trusted as we have it from you that you agreed to our monitors [REDACTED]

I specifically asked what you could provide and you indicated that you could agree to the monitors [REDACTED]
[REDACTED] You never once mentioned that you would be limiting it to three months or that somehow in Metrolinx's magnanimous benevolence it would 'agree' to extend the commitments you have made. We are not asking on bended knee for your to respect to our rights and interests. We are advising on the process that is required.

I am disappointed that you cannot be trusted to honour your word and your commitments but so be it.

Regards,

Aaron Detlor

From: Indigenous Relations <IndigenousRelations@metrolinx.com>
Sent: December 16, 2021 3:28 PM
To: Jackie Esmonde <jesmonde@cavalluzzo.com>
Cc: Lara Koerner-Yeo <LKoernerYeo@cavalluzzo.com>
Subject: Re: Email Correspondence Received December 13

Dear Ms Esmonde:

Thank you for your email. I wish to acknowledge receipt of your emails dated December 13, 2021 in response to the following project notifications:

- Hamilton LRT - Stage 1 AA for review
- Notification of the public posting of the Ontario Line Species At Risk 17(2)(d) Permit Under the Endangered Species Act
- Dundas BRT Notice of Commencement - Mississauga East Segment

- Yonge North Subway Extension - Notice of Species at Risk 17(2)(d) Permit Under the Endangered Species Act

As previously discussed, Metrolinx is prepared to start providing capacity supports, on an interim basis for an initial three-month term and/or pending a negotiated Framework Agreement, for one manager and five monitors at the requested rates. In the event that we are unable to negotiate a Framework Agreement within this initial three-month term, Metrolinx is willing to extend this term for an additional three months.

As a Crown agency, Metrolinx is required to follow standard Ontario government accounting rules. Metrolinx will establish a Purchase Order to facilitate payments to HCCC/HDI. As such, in order to issue payment, Metrolinx will require the attached Vendor of Record form to be completed.

Please send invoices to IndigenousRelations@metrolinx.com. Please note that, should any monitoring work include travel and/or meal expenses, Metrolinx is bound to follow the Ontario government directive, which sets the standard rates for reimbursement. We have attached this directive for your reference.

For your awareness, several of Metrolinx's work sites have particular safety protocols. Metrolinx prioritizes safety and requires that all safety protocols are strictly adhered to, including but not limited to: specific PPE requirements, safety briefings and/or training, the requisite job-site insurance and advance notification to facilitate access to restricted areas. To ensure the safety of all participants and to ensure HCCC/HDI monitors have access to work sites, Metrolinx would like to work with HCCC/HDI to coordinate these details. Should HCCC/HDI require details on a particular project, please contact IndigenousRelations@metrolinx.com.

Metrolinx would like to work with HCCC/HDI to understand and define the requests for legal/technical advisors and the monitoring/negotiation cost. Metrolinx looks forward to continued discussions toward a comprehensive Framework Agreement. Pending a negotiated Framework Agreement, Metrolinx will continue to share communications through HCCC/HDI's legal counsel.

Please let me know if you have any further questions or if the Indigenous Relations Office can be of any further assistance,

Thank you
Jaimi

Jaimi O'Hara

Manager, Indigenous Relations
Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
T: 416.202.5617 C: 416-356-9715

<image001.png>

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<tbs-travel-directive-en-2019-11-28.pdf><0825_Vendor Information Form.pdf>

Indigenous Relations

From: Jackie Esmonde <jesmonde@cavalluzzo.com>
Sent: December-13-21 11:40 AM
To: Indigenous Relations; Lara Koerner-Yeo
Cc: Chamberlain, Adam
Subject: RE: Dundas BRT: Notice of Commencement - Mississauga East

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Dear Metrolinx Representative:

We are writing in response to your December 10, 2021 request for feedback from HCCC/HDI on a Metrolinx project.

HCCC/HDI has established rights within the Nanfan Treaty and Haldimand Treaty territories. An email attaching technical documents relating to development within that territory, and with a short timeframe for response, is not consistent with Haudenosaunee inherent Indigenous and treaty rights, including rights to free, prior and informed consent as well as Haudenosaunee rights to determine and develop priorities and strategies for the development or use of their lands or territories and other resources.

In the absence of an Engagement Framework, we refer you to HDI's established process for engagement: <https://www.haudenosauneeconfederacy.com/departments/haudenosaunee-development-institute/development/>

[REDACTED]

Until meaningful engagement has taken place, HCCC/HDI objects to the approval of any Metrolinx projects within Haudenosaunee territory with the placement of our monitors on those projects expressly not constituting consent, approval or any form of engagement/consultation. An extension of the stated deadline will be needed for such engagement to occur.

Yours truly,

Jackie Esmonde
Cavalluzzo LLP
Pronouns: she/her

From: Indigenous Relations <IndigenousRelations@metrolinx.com>
Sent: December 10, 2021 3:39 PM
To: Lara Koerner-Yeo <LKoernerYeo@cavalluzzo.com>; Jackie Esmonde <jesmonde@cavalluzzo.com>

Cc: Chamberlain, Adam <Adam.Chamberlain@gowlingwlg.com>

Subject: Dundas BRT: Notice of Commencement - Mississauga East

Dear Ms. Koerner Yeo and Ms. Esmonde,

As per Mr. Aaron Detlor's direction, received December 1st, 2021, indicating that all Metrolinx communication should be channeled through you as HCCC/HDI's legal counsel, we wanted to share correspondence with you regarding the Dundas Bus Rapid Transit Project.

Metrolinx continues to advance the Dundas Bus Rapid Transit Project (BRT). The project has been split into several segments each of which are being assessed individually, through the Transit Project Assessment Process (TPAP). Metrolinx wishes to inform you that it is issuing a Notice of Commencement for the Mississauga East portion of this project, which begins the up to 120 day review period under the TPAP.

Please find attached a letter outlining the project and the Notice of Commencement.

A Draft Natural Environment Report was completed for this project and shared for review and comment with HDI/HCCC on October 15, 2021. As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations. The final versions of these reports, with all comments addressed, will be available for review during the 30-day review period in March 2022.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please feel free to contact our team at any time. [REDACTED]

Thank you
Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715



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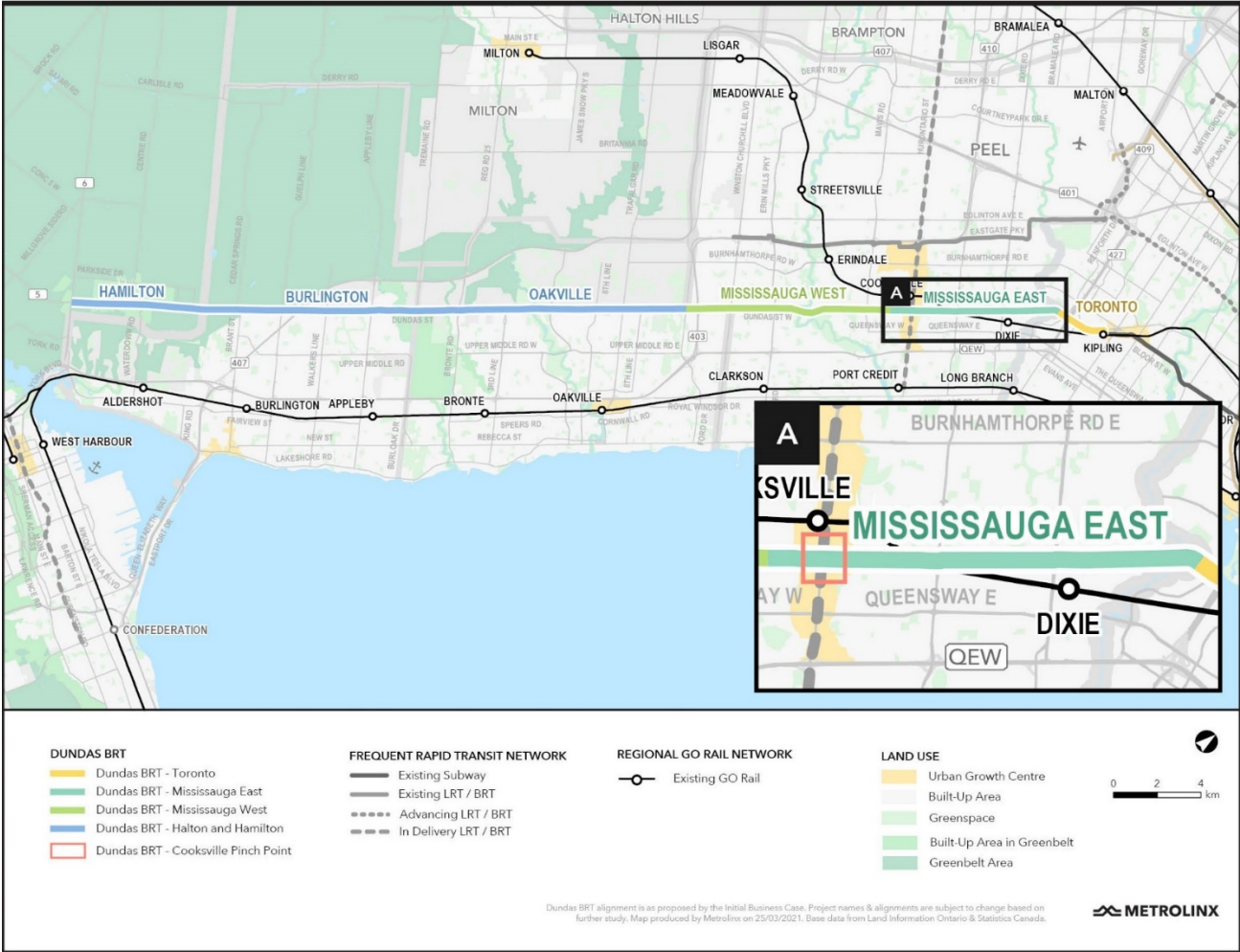
Notice of Commencement

Dundas Bus Rapid Transit (BRT) Mississauga East Project - Transit Project Assessment Process (TPAP)

Metrolinx, in collaboration with the City of Mississauga, is continuing to advance planning for the Dundas Bus Rapid Transit (BRT) corridor by commencing the Transit Project Assessment Process (TPAP) for the Dundas BRT Mississauga East (between Etobicoke Creek and Confederation Parkway) Project, in accordance with Ontario Regulation 231/08.

The Project

The Dundas BRT Project is a proposed transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres of this 48 kilometre municipal transit project would operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. This notice is for the Mississauga East (between Etobicoke Creek and Confederation Parkway) seven kilometre segment of the corridor (herein referred to as the Dundas BRT Mississauga East Project).



The Process

The TPAP, as prescribed in Ontario Regulation 231/08 made under the *Environmental Assessment Act*, is now commencing for the Mississauga East segment of the proposed Dundas BRT Project. The TPAP is a proponent-driven, self-assessment process that provides a defined framework to follow to complete the accelerated assessment of the potential environmental effects and decision-making within the regulated assessment timeline. As part of the TPAP, a Dundas BRT Mississauga East Environmental Project Report (EPR) is being prepared. Following this period, interested persons will have an opportunity to review the EPR during a regulated 30-day period, followed by a regulated 35-day review period by the Minister of the Environment, Conservation and Parks.

Consultation

We thank everyone for their feedback to date. In January, Metrolinx will host virtual Public Engagement 3 for the Dundas BRT Mississauga East Project, where you will have the chance to:

- Review what we heard during Public Engagement 2 and how feedback was incorporated;
- Review and comment on environmental study results, including potential impacts and proposed mitigation measures, as part of the TPAP;
- Learn about how the design for the Cooksville pinch point and the remainder of the Mississauga East segment has been optimized to reduce potential impacts; and
- Connect with the Project Team and review next steps for the Project.

Public Engagement 3

Virtual Metrolinx Live meeting: Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.

Register for and attend this virtual event on Metrolinx Engage at
www.MetrolinxEngage.com/DundasBRT

Online Engagement will be open from Tuesday, **January 18** to Tuesday, **February 1**, 2022

Participants will be able to provide feedback on Dundas BRT Mississauga East Project materials using the 'Ask-A-Question' function before, during and after the Metrolinx Live meeting and by completing an online feedback form. Following Public Engagement 3, the Project Team will consider the input received, prepare the Dundas BRT Mississauga East EPR, and publish the Notice of Completion. The Dundas BRT Mississauga East EPR will then be available for public review and comment.

Provide Feedback

Stay involved with the Dundas BRT Project. We have a dedicated Community Relations team for each region available to answer your questions and receive your feedback at any time.

Email us at:

- TorontoWest@metrolinx.com
- Peel@metrolinx.com
- HaltonRegion@metrolinx.com
- Hamilton@metrolinx.com

If you have project-related questions, would like to request hard copies of consultation materials, require accessibility accommodations or would like to provide input, please contact the Community Relations team from your region (above), or call (416) 202-7500.

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please visit metrolinx.com/en/aboutus/privacy.aspx or contact the Senior Privacy Officer for Metrolinx at 416-202-5941.

This Notice was first published on **December 10, 2021**.

Aussi disponible en français. Pour plus d'informations, veuillez contacter Peel@metrolinx.com.



December 10, 2021

Ms. Tracey General, Office Manager
Haudenosaunee Confederacy Chiefs Council
2634 6th Line Road, RR#2
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Ms. General,

Subject: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Notice of Commencement

Metrolinx seeks to continue to build a strong and meaningful relationship with Haudenosaunee Confederacy Chiefs Council. Metrolinx appreciates and respects that Haudenosaunee Confederacy Chiefs Council should be appropriately informed and aware of projects. The purpose of this letter is to announce formal commencement of the Transit Project Assessment Process (TPAP) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Haudenosaunee Confederacy Chiefs Council on this project.

Project Description

As previously communicated on May 3, 2021, Metrolinx is overseeing the proposed Dundas Bus Rapid Transit (BRT) project. The Dundas BRT proposes a dedicated transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.
- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

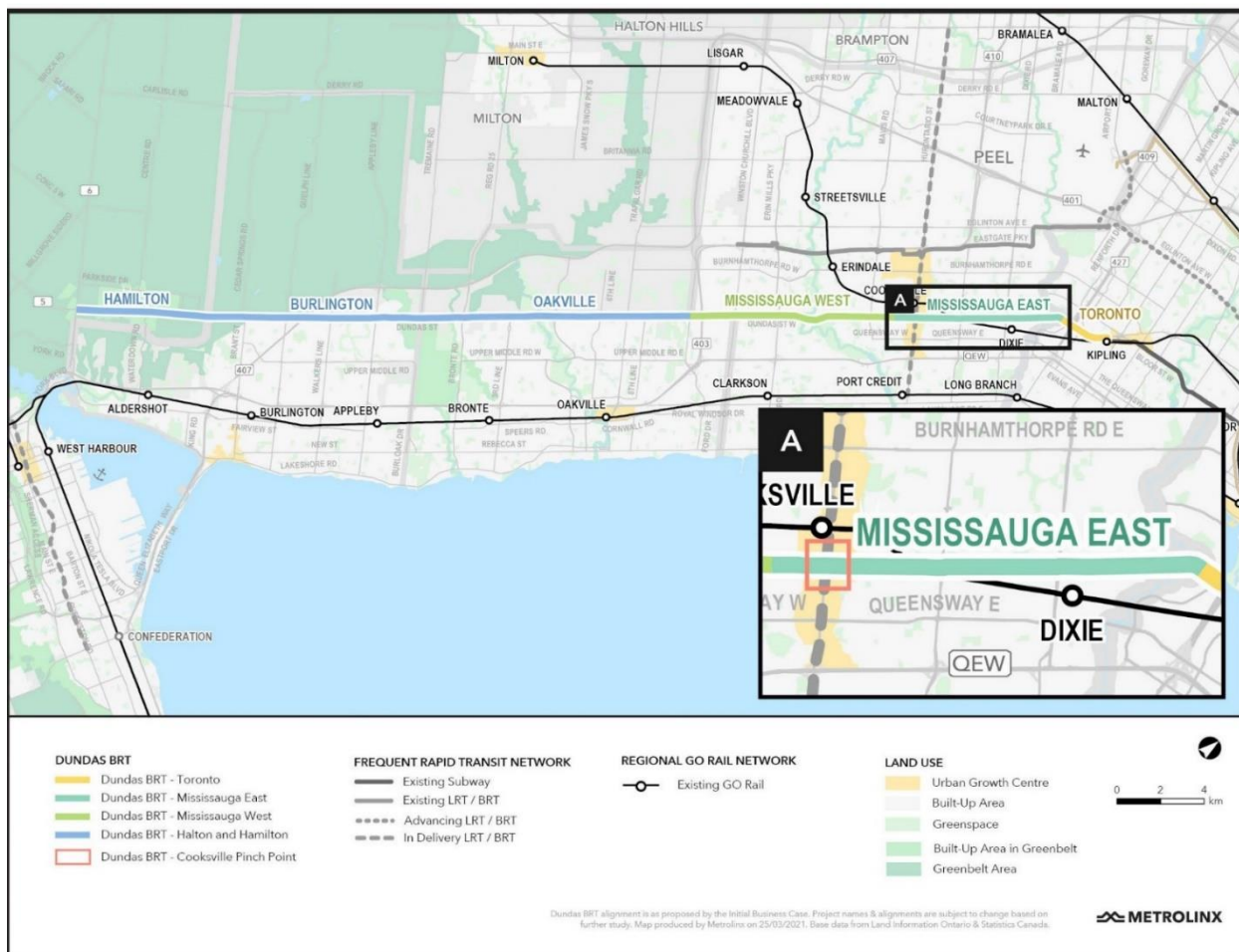
Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed

following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that provides a defined framework for assessing the potential environmental impacts of a proposed transit project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Table 1: Project Study Areas

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

This letter serves as notice that Metrolinx is formally commencing the TPAP for the Mississauga East portion of the project. The Notice of Commencement is provided as **Attachment 1**. The attached Notice of Commencement will be available on the Project webpage at www.MetrolinxEngage.com/DundasBRT as of December 10, 2021.

Please see **Table 2** below for the project and TPAP timeline for the Dundas BRT Mississauga East Project.

Table 2: Project and TPAP Timeline- Dundas BRT Mississauga East Project.

Project Introduction Letter	May, 2021
Virtual Engagement Round #1	Start:19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement <ul style="list-style-type: none"> Starts the up to 120 day period 	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21, End: 22-Feb-22*
Notice of Completion <ul style="list-style-type: none"> EPR review period (30 days) Minister's review of EPR (35 days) 	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Haudenosaunee Confederacy Chiefs Council for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed, and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be shared with Haudenosaunee Confederacy Chiefs Council for review, and available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep Haudenosaunee Confederacy Chiefs Council informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas BRT Mississauga East Project and shared this draft report with Haudenosaunee Confederacy Chiefs Council for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been noted that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA found that there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. The work is not anticipated to be completed until the detailed design phase. Metrolinx will ensure that Haudenosaunee Confederacy Chiefs Council is invited to participate in the Stage 2 AA fieldwork and will send more details as they become available.

Metrolinx acknowledges that Haudenosaunee Confederacy Chiefs Council should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas BRT Mississauga East Project and shared with Haudenosaunee Confederacy Chiefs Council for review and comment on August 26, 2021.

The Cultural Heritage Report (CHR) found there to be a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes within the grading limits of the proposed design, which are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended that a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. This is subject to change based on design refinements that may reduce the number of resources anticipated to be impacted.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that Haudenosaunee Confederacy Chiefs Council may have in relation to the Dundas Bus Rapid Transit project, including the Mississauga East portion and/or the Notice of Commencement. Metrolinx would welcome the opportunity to meet with Haudenosaunee Confederacy Chiefs Council to provide more information and discuss any interests or questions that Haudenosaunee Confederacy Chiefs Council may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders.

We extend an open invitation to members of Haudenosaunee Confederacy Chiefs Council to participate in the fourth Public Information Centre, however, this would not preclude any request from Haudenosaunee Confederacy Chiefs Council to meet with Metrolinx directly.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,

A handwritten signature in black ink, reading "Paul Niejadlik". The signature is written in a cursive, flowing style.

Paul Niejadlik
Manager, Environmental Programs and Assessment

Metrolinx

cc: Todd Williams, Haudenosaunee Development Institute
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Tarek Elhadadeen, Project Coordinator, Environmental Programs & Assessment,
Metrolinx
Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Encl. Dundas Bus Rapid Transit Project: Notice of Commencement

From: [Indigenous Relations](#)
To: [Aaron Detlor](#)
Cc: [HDI General](#); [Todd Williams](#); [Wayne Hill](#); [Paul Niejadlik](#); [Darcy Wiltshire](#); [Zul Hamzah](#)
Subject: RE: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review
Date: November 22, 2021 1:13:37 PM
Attachments: [REDACTED]

Dear Mr. Detlor,

I hope you are doing well and enjoyed your weekend!

I wanted to follow up with you in regards to the Dundas BRT Environmental Project Report found in the email below. We would very much appreciate any comments or feedback you may have to share on the report. The deadline to share comments is this **Friday, November 26, 2021.**

Thank you!

Marilyn

Marilyn Stoye (*she/her*)
Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342

From: Indigenous Relations
Sent: October 15, 2021 11:56 AM
To: Aaron Detlor <aarondetlor@gmail.com>
Cc: HDI General <hdi2@bellnet.ca>; Todd Williams <williams.todde@gmail.com>; Wayne Hill <tworowarchaeology@gmail.com>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Zul Hamzah <Zul.Hamzah@metrolinx.com>
Subject: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review

Dear Mr. Detlor,

Metrolinx continues to progress its environmental studies for the Dundas Bus Rapid Transit Project.

Attached you will find a letter outlining the Draft Environmental Project Report and draft Natural Environment and Arborist Reports prepared for the Dundas BRT - Mississauga East TPAP. We have also pulled out and attached the Natural Environment Impacts and Mitigations table from the broader report for ease of

reference.

We ask that your Nation provide any comments no later than November 26, 2021.

The reports are available at the following link:

[REDACTED]

If you have any questions or concerns, please feel free to reach out to me at any time.

Thank you,

Jaimi O'Hara

Jaimi O'Hara

Acting Manager, Indigenous Relations
Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
T: 416.202.5617 C: 416-356-9715

Attachment 1 - Natural Environment Mitigations

Natural Environment Effects Assessment

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
Wildlife	Disturbance, displacement, or mortality of wildlife	<ul style="list-style-type: none"> Prior to construction wildlife exclusionary fencing will be installed and investigation of the Project Footprint for wildlife and wildlife habitat that may have established following the completion of previous surveys will be undertaken, as appropriate. If wildlife is encountered a qualified biologist will be contacted to define measures to be implemented to avoid destruction, injury, or interference with the species, and/or its habitat.
Migratory Breeding Birds, Nests and Species at Risk	Disturbance, mortality or destruction of migratory birds and/or nests.	<ul style="list-style-type: none"> All works must comply with the <i>Migratory Birds Convention Act</i> (MBCA), <i>Endangered Species Act</i> (ESA) and <i>Species at Risk Act</i> (SARA), including conservation strategies. Construction works and vegetation removals should be completed outside of the bird breeding season (i.e. April 1 - August 31), if possible, to ensure incidental take or harm to migratory birds, SAR and their critical habitat does not occur. If construction activities are scheduled during the nesting season (April 1st to August 31st), a breeding bird and nest search will be undertaken by a qualified biologist to confirm that no SAR are nesting on structures, banks or vegetation that may be affected by construction activities, no more than 48 hours prior to removal. If possible, the area will be netted prior to nesting season to dissuade use of these areas for nesting. Where loss or disturbance cannot be avoided (e.g., due to work on bridges or banks), all requirements under the ESA will be met, including any registration, compensation, replacement structures and/or permitting requirements. If a nest of a migratory bird is found outside of this nesting period (including a ground nest) it still receives protection.
Soil	Erosion, compaction, drainage alterations, soil mixing, bank degradation, soil contamination	<ul style="list-style-type: none"> A Soil Management Plan (SMP) will be prepared by a Qualified Professional. Erosion and Sediment Control (ESC) measures will be implemented prior to project construction and maintained during the construction phase in accordance with an ESC Plan. Spill Prevention and safe Hazardous Materials Handling measures will be implemented prior to project construction and maintained during the construction phase in accordance with a Spill Prevention and Contingency Plan and a Hazardous Materials and Fuel Handling Plan. Disturbed areas within the construction site will be stabilized and re-vegetated.
Watercourses, Hydrological Features and Aquatic Environment	Loss of aquatic and riparian habitat, water quality degradation and flow alterations	<ul style="list-style-type: none"> ESC measures will reduce impacts to habitat and hydrological features. In -water work, if required, will take place outside of the sensitive timing windows for warmwater fish species.

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
		<ul style="list-style-type: none"> • If in -water or vernal pool work will occur during construction, the area will be isolated using cofferdams and dewatered in accordance with a Dewatering Plan prepared during detailed design. • Fish and wildlife removals will be conducted by qualified biologists in isolated areas prior to dewatering and relocated, unharmed, to suitable habitat outside of the work area. • Riparian vegetation removal will be kept at a minimum. • Fuel and equipment requiring fuel will be stored in designated areas only, a minimum of 30m from watercourses/ water bodies, and refueling is to occur at least 30 m from watercourses/ water bodies; if this distance cannot be maintained, a spill tray is to be placed under the fueling point.
Vegetation	Loss of vegetation communities, tree removals, proliferation of invasive species, habitat loss	<ul style="list-style-type: none"> • A Vegetation Management Plan shall be developed to identify site specific vegetation management including the delineation of vegetation removal zones, timing restrictions, revegetation protocols; removal and preventing the spread of invasive/noxious vegetation, and other mitigation measures. • If a tree requires removal or injury, compensation and permitting/approvals (as required) will be undertaken in accordance with Metrolinx's <i>Vegetation Guideline</i> (2020) while mitigating potential impacts to sensitive species, and features. Works will comply with all applicable bylaws for tree removals, injury and protection (e.g., City of Mississauga's Public and Private Tree Bylaws (0254-2012)). • Equipment will be thoroughly cleaned, approved seed mixes will be used for revegetation, and proper stockpiling and soil removal measures will be followed. • Trimming and clearing of trees will be kept at a minimum and in a manner that minimizes physical damage and promotes quick wound closure and regeneration. • An International Society of Arboriculture (ISA) Certified Arborist and/or licensed Landscape Architect will be responsible for carrying out tree pruning and maintenance. • Tree Protection Zone (TPZ) fencing will be established to protect and prevent tree injuries in accordance with local by-law requirements. • Efforts will be made during removal operations to prevent the spread of invasive plant species. If an invasive species is encountered, it will be removed and disposed of in an appropriate off-site location.

*A complete list of Mitigation Measures can be found in the Natural Environment Report, Section 3.2, Table 4

October 15, 2021

Ms. Tracey General, Office Manager
Haudenosaunee Confederacy Chiefs Council
2634 6th Line Road, RR#2
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Ms. General,

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project, Draft Environmental Project Report (EPR), including Draft Natural Environment and Arborist Reports

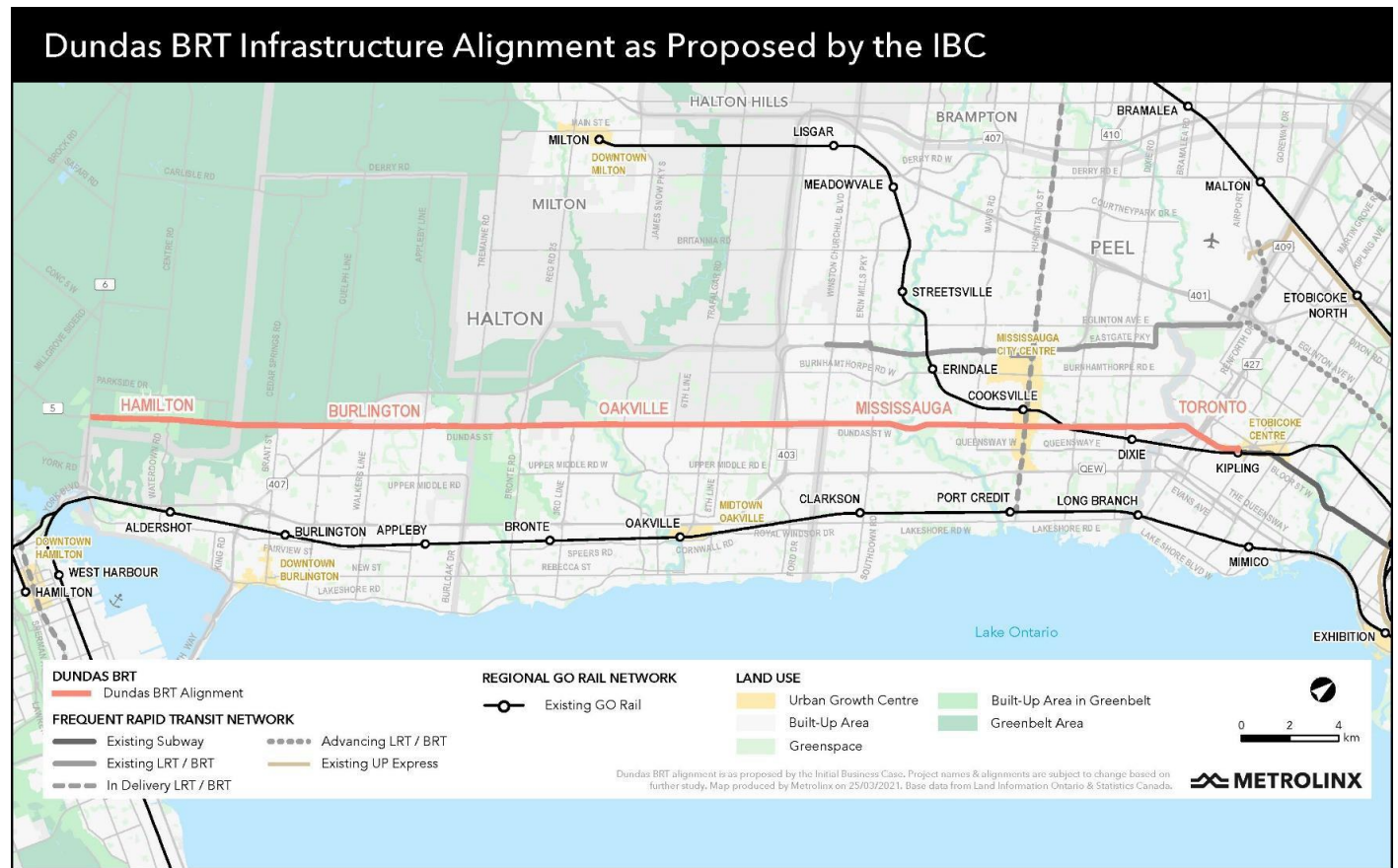
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Haudenosaunee Confederacy Chiefs Council.

Metrolinx appreciates and respects Haudenosaunee Confederacy Chiefs Council's desire to be appropriately informed and aware of projects. A letter was previously sent to Haudenosaunee Confederacy Chiefs Council on May 3, 2021 as an introduction to the Dundas BRT with an update on the status of the project provided on August 25, 2021. The purpose of this letter is to share the draft Environmental Project Report (EPR), draft Natural Environment and Arborist Reports for the Dundas BRT Mississauga East segment with Haudenosaunee Confederacy Chiefs Council for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in **Figure 1** below.

Figure 1 – Dundas BRT Study Area.



Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed

Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Mississauga East TPAP Update and Environmental Reports for Review

The Mississauga East segment is the first Transit Project Assessment Process being completed as part of the Dundas BRT project. Metrolinx has been moving ahead on the environmental assessment studies for the Mississauga East segment and has completed the draft Environmental Project Report, draft Natural Environment Report and draft Arborist Report. More information on each report is available below:

Environmental Project Report

Metrolinx has drafted the Environmental Project Report (EPR) for the Mississauga East

segment which is attached for Haudenosaunee Confederacy Chiefs Council's review. This EPR documents the existing environmental conditions within the Mississauga East study area, the potential environmental impacts of the Project, recommended mitigation measures, the consultation process followed, and future commitments for the Project. The following areas were assessed:

- Natural Environment
- Air Quality
- Noise and Vibration
- Socio-Economic and Land Use
- Cultural Heritage
- Archaeology

Natural Environment

Metrolinx has completed a draft Natural Environment Report (NER) for the Mississauga East Segment which is attached for Haudenosaunee Confederacy Chiefs Council's review. The purpose of the draft NER is to review the existing natural environment conditions within the Mississauga East study area, determine the potential natural environmental impacts of the project and recommend mitigation measures. Impacts to the following were explored in this report:

- Aquatic Environment
- Terrestrial Environment
- Species at Risk

The Dundas BRT Mississauga East project will encroach slightly into the natural system. As design progresses, these impacts will be minimized where possible. Details can be found in the draft Technical Reports, available in the dropbox link provided in the email. Please find a brief summary below of field studies:

Aquatic Environment

There are no in-water works associated with this project.

- I. Four watercourses occur within the study area: Cooksville Creek, Little Etobicoke Creek, Etobicoke Creek and Mary Fix Creek.
- II. Habitat observed within the Study Area is suitable to support warmwater tolerant species (i.e., Black Crappie, Brown Trout, Smallmouth Bass) and are possibly moving between Lake Ontario and habitat in Cooksville and Etobicoke Creek near the lake.
- III. The riffles with cobble substrates in Etobicoke Creek likely provide spawning habitat for several species.

Terrestrial Environment

- I. No Species at Risk (SAR) plants or vegetation communities have been observed in the Study Area during initial field investigations.
- II. The Study Area is highly urbanized and includes 21 distinct ecological units identified including Deciduous Woodlands, Mixed Meadows and Thickets. Please see Natural Environment Report (page 48-50) maps for details.

- III. 6 species of mammals and 2 species of insects were observed in the study area, all common species and secure in Ontario; a species list can be found in the Natural Environment Report (page 16).
- IV. 35 species of birds were confirmed in woodland, urban, thicket and grassland communities; a species list can be found in the Natural Environment Report (page 17-18).
- V. The Arborist Report identifies 922 trees that may be removed and 133 that may be injured with protection. However, as design progresses tree impacts should be reduced, additional details can be found in the Arborist Report (page 17-19).
- VI. Detailed restoration and compensation plans will be prepared before construction following the Metrolinx Vegetation Guide (2020), to ensure that ecological compensation is provided.

Species at Risk (SAR)

There are no impacts identified at this time for Species at Risk (SAR) other than Barn Swallows. Assessment will continue through detail design.

- I. American Eel has the potential to be found in all tributaries of Lake Ontario.
- II. Barn Swallows (Threatened):
 - a. Confirmed to be nesting on site
 - b. Etobicoke Creek bridge rehabilitation activities have the potential to negatively impact Barn Swallows during nesting season and will be mitigated to diminish any impact. Following construction, it is anticipated that the bridge will remain suitable as nesting habitat.
- III. Chimney Swift (Threatened):
 - a. Confirmed to be foraging on site
 - b. No critical habitat was observed within the Study Area
- IV. SAR Bats (Endangered) were not observed on site.
 - a. There is potential to encounter the Eastern Small-footed Myotis, Little Brown Myotis, Northern Myotis, and/or Tri-colored Bat within the treed portions of the study area.

Impacts and Mitigations

The tables found enclosed in the email (**Attachment 1**) provide a summary of the Natural Environment potential impacts and mitigation strategies identified as part of the Draft EPR that may be of interest to Haudenosaunee Confederacy Chiefs Council. If Haudenosaunee Confederacy Chiefs Council has any feedback about these potential impacts and/or mitigation strategies, Metrolinx would appreciate the opportunity to discuss further.

Arborist Report

Metrolinx has drafted an Arborist Report, which includes both a tree inventory and tree impact analysis, for the Mississauga East Segment which is attached for Haudenosaunee Confederacy Chiefs Council's review. The purpose of the tree inventory and tree impact analysis assignment is to assess the general health and structure of onsite trees as well as determine their potential impacts, due to the project.



Based on the results of the tree impact analysis it is recommended that 922 trees will have to be removed in order to accommodate the construction of the Project whilst a further 133 trees are recommended for injury with protection, with 46 being recommended for injury and 87 for minor injury. In terms of tree compensation, 1,535 replacement trees are required to replace trees being removed within the City of Mississauga (902) and the City of Toronto (20) or injured (10) within the City of Toronto as per the *Metrolinx Vegetation Guideline* (2020).

Metrolinx welcomes any comments or feedback Haudenosaunee Confederacy Chiefs Council may have on the draft Environmental Project Report, draft Natural Environment report, and draft Arborist Report. Please provide comments on these reports in writing by **November 26, 2021**.

Engagement

Metrolinx would appreciate knowing about any interest Haudenosaunee Confederacy Chiefs Council may have in the Dundas BRT project. We would like to know if there are any potential impacts of the proposed project on your Haudenosaunee Confederacy Chiefs Council's rights and/or interests. Metrolinx would welcome the opportunity to meet with Haudenosaunee Confederacy Chiefs Council to provide more information and discuss any interests or questions that Haudenosaunee Confederacy Chiefs Council may have. Please let us know how best we might engage with Haudenosaunee Confederacy Chiefs Council.

Additional Information

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,

A handwritten signature in dark ink, appearing to read 'Paul Niejadlik'.

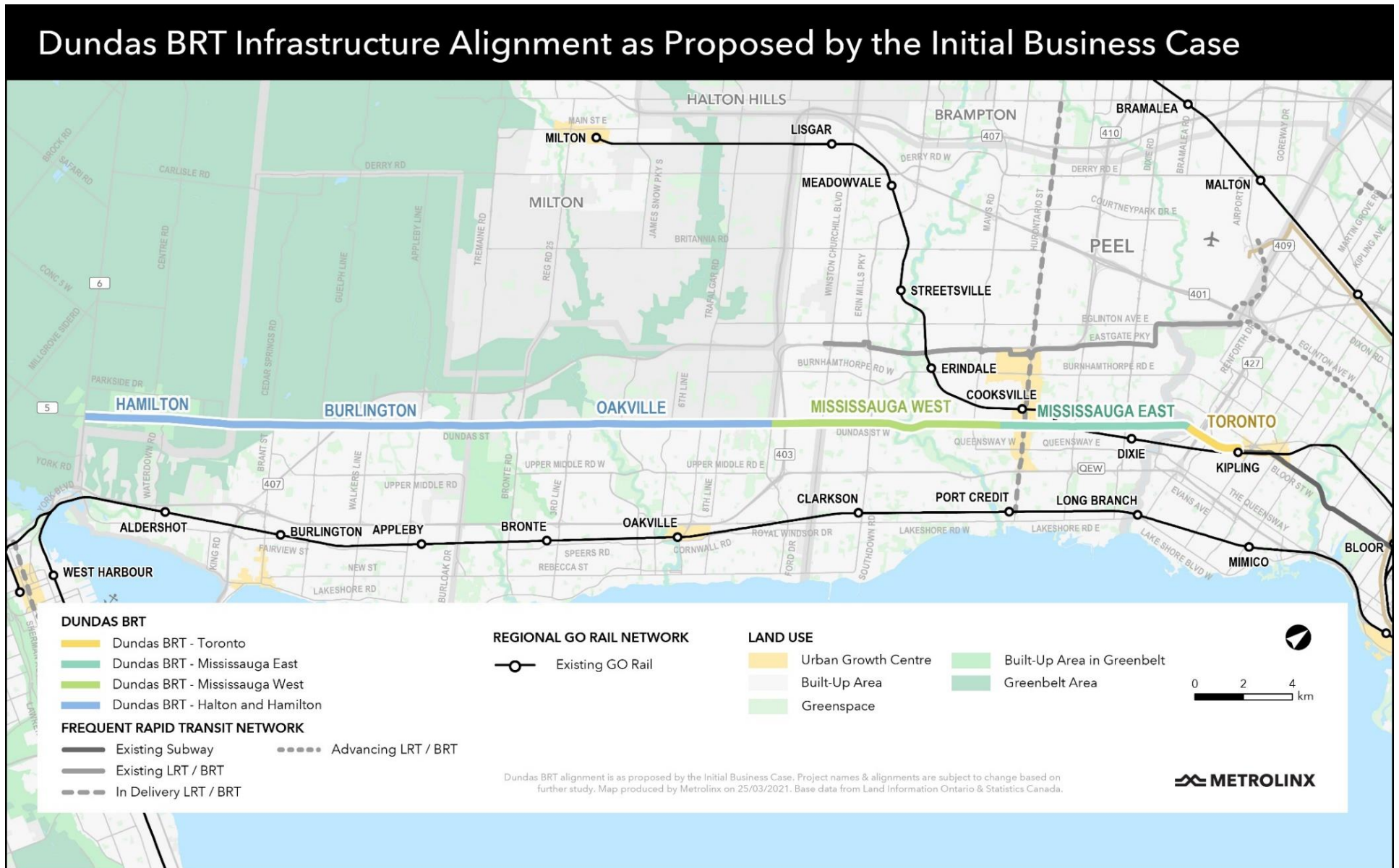
Paul Niejadlik
Manager, Environmental Programs and Assessment, Metrolinx

cc: Wayne Hill, Haudenosaunee Development Institute



Todd Williams, Haudenosaunee Development Institute
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Stage 1 AA provides an overview of the areas having archaeological potential • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

From: [Indigenous Relations](#)
To: [Aaron Detlor](#)
Cc: [Piruthuvi Thuraiarah; Darcy Wiltshire; Zul Hamzah; HDI General; tworowarchaeology@gmail.com; Todd Williams](#)
Subject: Dundas BRT Project Update - Stage 1 Archeological Assessment and Cultural Heritage Report Review
Date: August 26, 2021 4:41:42 PM
Attachments: [REDACTED]

Dear Mr. Detlor,

Please find attached, a letter providing an update on the Dundas Bus Rapid Transit Project. The letter also outlines the draft Stage 1 Archaeological Assessment and Cultural Heritage Reports. The reports are available for review at the following link:

[REDACTED]
[REDACTED]

Please share any comments you may have by October 08, 2021.

Metrolinx remains open to working with HDI and is committed to coming to a mutually acceptable agreement and establishing processes to support a respectful and amenable relationship as we move forward, including capacity funding to monitors. Metrolinx would be pleased to schedule a meeting with HDI to discuss the details of such an agreement.

If you have any questions or concerns, please feel free to reach out to me at any time.

Thank you,

Jaimi

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

[REDACTED]



August 26, 2021

Ms. Tracey General, Office Manager
Haudenosaunee Confederacy Chiefs Council
2634 6th Line Road, RR#2
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Ms. General,

RE: Dundas Bus Rapid Transit Project Update - Archaeological Assessment and Cultural Heritage Reports

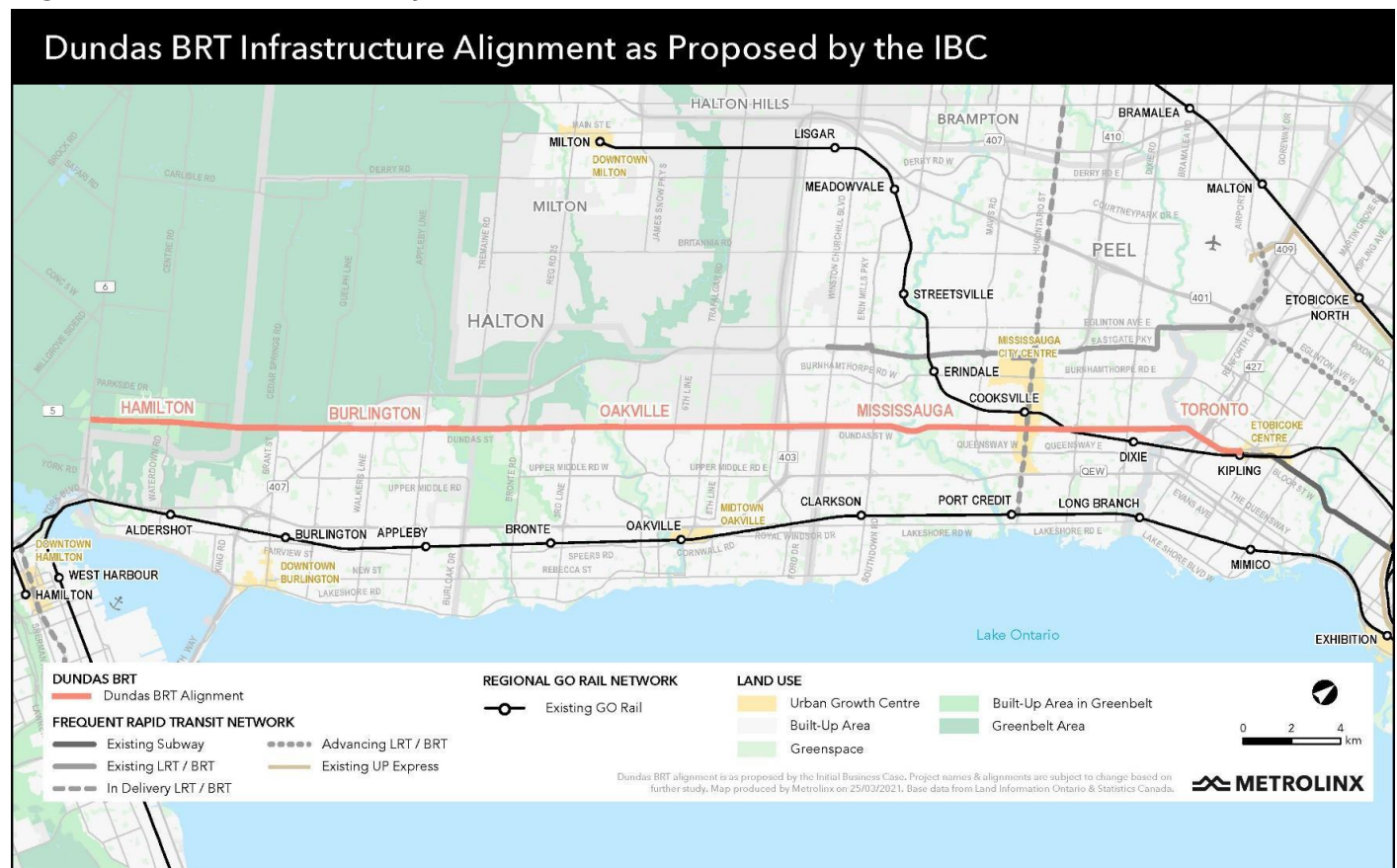
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Haudenosaunee Confederacy Chiefs Council.

Metrolinx appreciates and respects Haudenosaunee Confederacy Chiefs Council's desire to be appropriately informed and aware of projects. A letter was previously sent to Haudenosaunee Confederacy Chiefs Council on May 3, 2021 as an introduction to the Dundas BRT. The purpose of this letter is to provide clarity on project information and share a draft Stage 1 Archaeological Assessment and Cultural Heritage Report for the Dundas BRT with Haudenosaunee Confederacy Chiefs Council for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in Figure 1 below.

Figure 1 – Dundas BRT Study Area.



Project Scope

Metrolinx is working collaboratively with stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case.

The Preliminary Design and Preliminary Design Business Case will support the totality of the proposed 48-kilometre alignment of the Dundas BRT project.

- The Preliminary Design will build upon the pre-planning completed as part of the environmental assessment process outlined below. The project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits to reduce the site-specific impacts identified in the TPAP.
- The Preliminary Design will generate the analytic information to feed the Preliminary Design Business Case.
- The Preliminary Design Business Case, which is expected to be completed in April 2022, is the next step in Metrolinx's business case process and builds upon the work done in the Initial Business Case.

As indicated in Figure 1, the proposed alignment transverses multiple municipalities.

Portions of the proposed alignment have already been subject to previous environmental assessments which will inform this project, including:

- Previous assessment of the Dundas Corridor as part of the [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018.
- Environmental assessments for the Hamilton-Halton portion, which have already been completed by the region/municipalities.

Please note the procurement and construction model for this Project will be developed as part of the Preliminary Design process. As a result, future engagement following the Transit Project Assessment Process during the detailed design and construction phases of the Project may or may not be led by Metrolinx. Metrolinx is committed to ensuring the contracting authority and constructor for this project completes appropriate engagement with community during future phases of the Project.

Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

For this portion of the corridor located within the City of Hamilton, it is anticipated only operational changes will occur. An evaluation for converting the future High Occupancy Vehicle (HOV) lanes to dedicated curbside BRT lanes is underway and will be shared during future engagement. In addition to conversion of the HOV lanes to dedicated BRT lanes, potential traffic signal changes including transit signal priorities and lane changes including queue jump lanes are being explored.

Any further operational or localized design modifications contemplated by the Preliminary Design and Preliminary Design Business Case have been determined to be exempt from the TPAP (no further Environmental Assessment Act requirements) and can be addressed through the Municipal Class EA Schedule A and A+ (pre-approved) process.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Public Meeting Round #2	September 2021	September 2021	September 2021
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

*We anticipate an update to the Halton and Hamilton section to be included in public meeting round 3 anticipated for December 2021 to January 2022.

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Mississauga East segment which is attached for Haudenosaunee Confederacy Chiefs Council's review. Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area, outlined in **Figure 3**.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. Metrolinx acknowledges that Haudenosaunee Confederacy Chiefs Council should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Any additional archaeological assessments will occur following the TPAP as part of the detailed design and construction phases. As it is not yet known if Metrolinx will be leading the next phases of this project, we will ensure commitments to include Indigenous monitors in any future archaeological work are shared with the constructor.

Metrolinx welcomes any comments or feedback Haudenosaunee Confederacy Chiefs Council may have on this draft Stage 1 AA. Should you wish to provide comments on this report, please submit your feedback in writing by **October 08, 2021**.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Mississauga East segment which is attached for Haudenosaunee Confederacy Chiefs Council's review. The purpose of the draft Cultural Heritage Report (CHR) is to identify existing baseline cultural heritage conditions within the Cultural Heritage Study Area (**Figure 4**), including:

- a historical review of the development of the study area,
- completion of a field investigation,
- present an inventory of all known, and
- previously identified and potential built heritage resources and cultural heritage landscapes within the Cultural Heritage Study Area.

Thus far, a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes are within the grading limits of the proposed design and are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. It remains unclear at this stage if Metrolinx will be undertaking these reports, but we welcome any feedback Haudenosaunee Confederacy Chiefs Council



may have in the recommended Cultural Heritage Evaluation Reports and/or Heritage Impact Assessments. We will endeavour to ensure any feedback is included as part of the project file.

Please submit all comments and feedback related to this draft CHR by **October 08, 2021**.

Additional Information

For your awareness, the first public engagement for the Project was held virtually from April 19 to April 30, 2021. The second public engagement will be held virtually from September 2 to September 23, 2021. The purpose of this second round of public consultation includes outlining existing environmental conditions and presenting the BRT corridor design for Mississauga.

We extend an open invitation to you and members of Haudenosaunee Confederacy Chiefs Council to attend this virtual Open House, however, this would not preclude any request from you to meet with Metrolinx directly. The virtual engagement can be accessed beginning on September 2, 2021 at <http://metrolinxengage.com/dundasbrt>.

Engagement

We are committed to an open, respectful, and transparent engagement with Haudenosaunee Confederacy Chiefs Council. We are happy to address any questions Haudenosaunee Confederacy Chiefs Council may have about the Draft Stage 1 Archaeological Assessment and draft Cultural Heritage Report for the Dundas BRT project.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Acting Manager, Indigenous Relations at Metrolinx at IndigenousRelations@metrolinx.com.

Please note any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.

Yours Truly,

A handwritten signature in black ink, reading 'Paul Niejadlik'.

Paul Niejadlik
Manager, Environmental Programs and Assessment, Metrolinx



cc: Wayne Hill, Haudenosaunee Development Institute
Todd Williams, Haudenosaunee Development Institute
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx
Piruthuvi Thurairajah, Project Coordinator, Environmental Programs &
Assessment, Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas

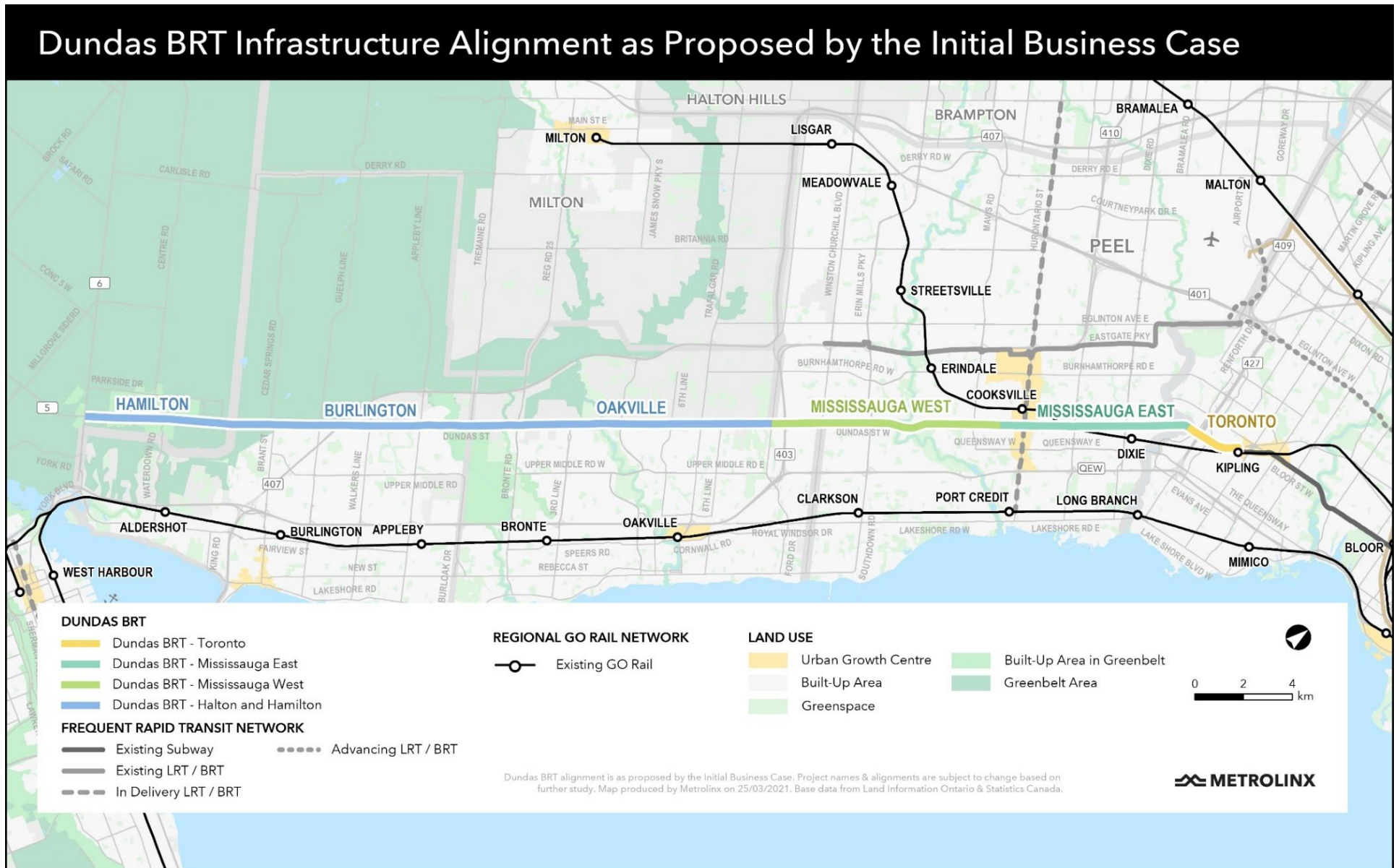


Figure 3 - Dundas BRT Mississauga East Stage 1 Archaeology Study Area

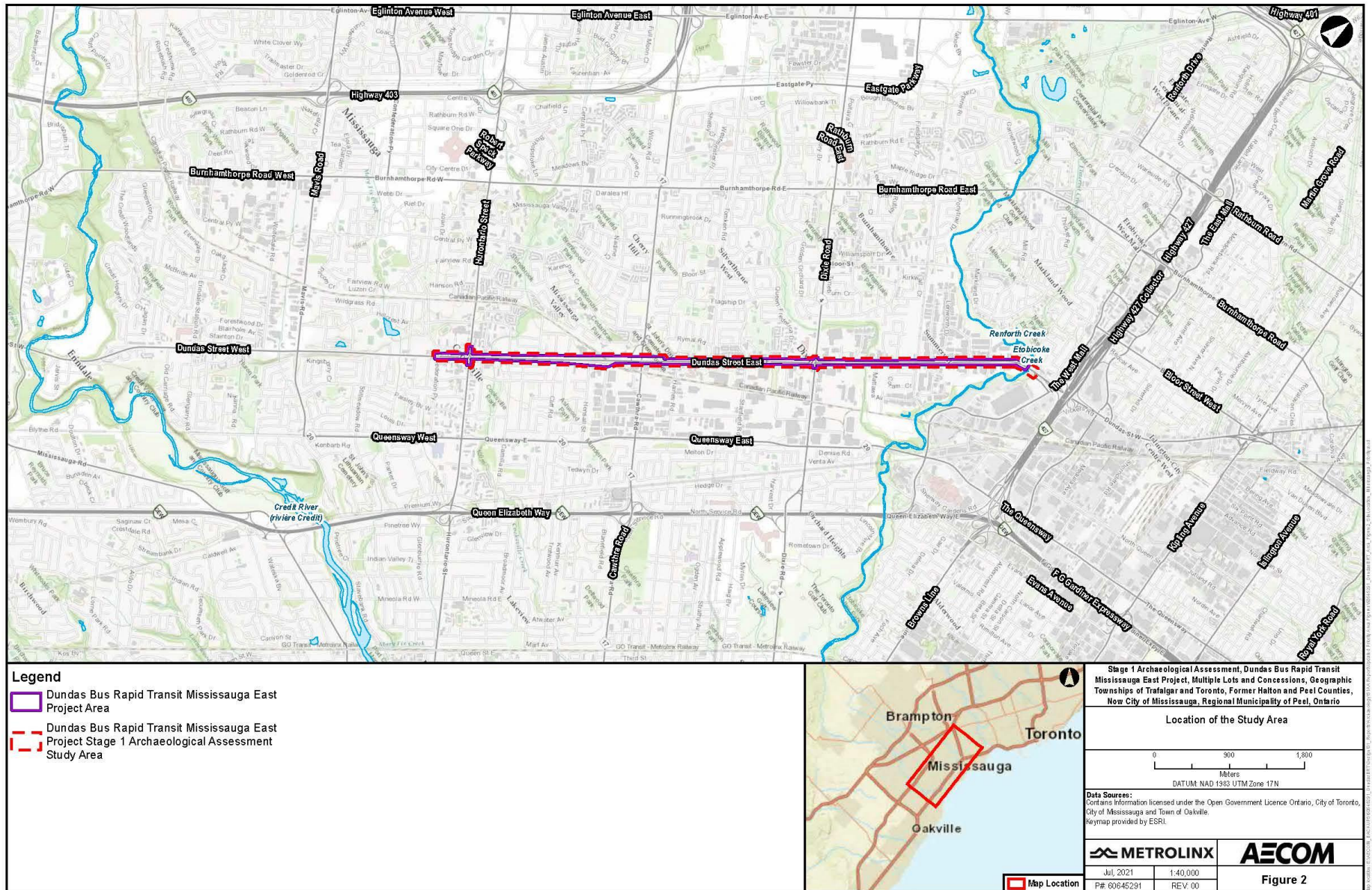
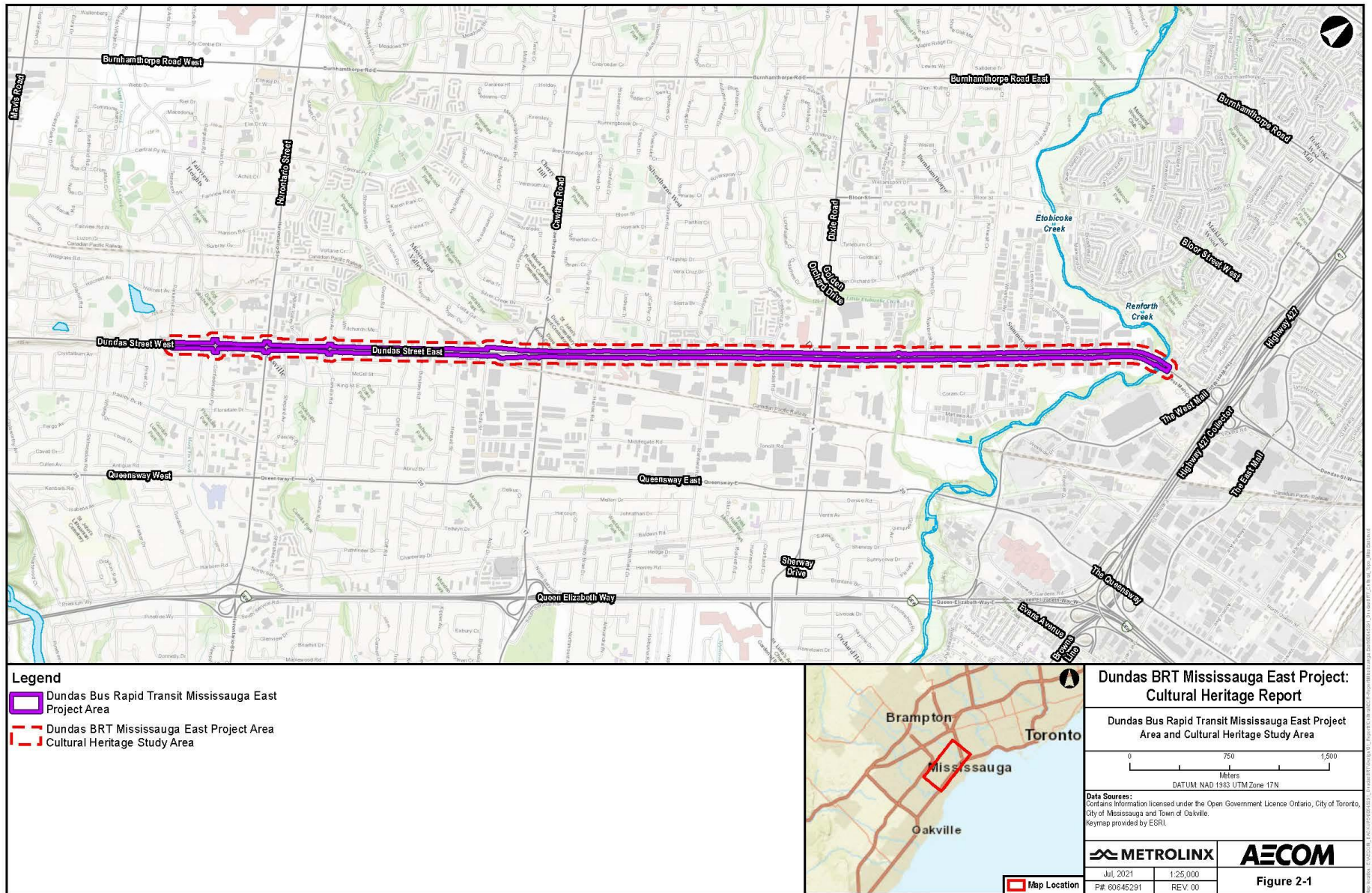


Figure 4 - Dundas BRT Mississauga East Cultural Heritage Study Area



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Stage 1 AA provides an overview of the areas having archaeological potential Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
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Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

From: [Indigenous Relations](#)
To: [Aaron Detlor](#)
Cc: [HDI General](#); tworowarchaeology@gmail.com; williams.todde@gmail.com; [Darcy Wiltshire](#); [Piruthuvi Thuraijah](#); [Zul Hamzah](#)
Subject: Dundas Bus Rapid Transit Project - Project Introduction
Date: Monday, May 3, 2021 2:44:51 PM
Attachments: [REDACTED]

Dear Mr. Detlor,

Metrolinx is working to advance the Dundas Bus Rapid Transit (BRT) project through the Transit Project Assessment Process, Preliminary Design and Preliminary Design Business Case. We are evaluating the proposed bus rapid transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto.

More details about the project can be found here:
<https://www.metrolinxengage.com/en/engagement-initiatives/dundasbrrt>.

I have also attached a letter that provides high level details on the project, including an update on the Transit Project Assessment Process and archaeological and natural environment work planned for this year.

We acknowledge that ongoing discussions have been occurring between Metrolinx and HDI. Please let me know if you have any questions or concerns.

Miigwetch,

Fallon

Fallon Melander
Manager, Indigenous Relations
Metrolinx
10 Bay Street | Toronto | Ontario | M5J 2R8
437.225.0302



May 3, 2021

Ms. Tracey General, Office Manager
Haudenosaunee Confederacy Chiefs Council
2634 6th Line Road, RR#2
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Ms. General,

RE: Project Introduction - Dundas Bus Rapid Transit Project

Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx recognizes that this proposed work is situated on the treaty territory of the Mississaugas of the Credit First Nation. Metrolinx wishes to build a strong, constructive, cooperative, and mutually respectful and beneficial relationship with the Haudenosaunee Confederacy Chiefs Council. Metrolinx appreciates and respects Haudenosaunee Confederacy Chiefs Council's desire to be appropriately informed and aware of projects. The purpose of this letter is to share information regarding this proposed project and invite feedback regarding Haudenosaunee Confederacy Chiefs Council's interest in the project and approach to engagement.

Project Description

Metrolinx is working collaboratively with our stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case (PDBC), which is the next step in Metrolinx's Business Case Lifecycle following the public release of the project's Initial Business Case in 2020.

The purpose of the Dundas BRT Project is to evaluate the proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Study Area

The Project's study area is along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto. An image of the proposed alignment can be found in **Figure 1**.

Dundas BRT Project History

The timeline below outlines the history of this project to date:

- 2010 Dundas Street Rapid Transit Benefits Case Analysis, Metrolinx
- 2012 New East-West Road Corridor Class EA (Highway 6 to Brant Street), City of Hamilton
- 2013 Transportation EA Future Highway 5 / Highway 6 Interchange and Associated Municipal Roads and Commuter Parking Lot in the City of Hamilton (Clappison's Corners), Ministry of Transportation
- 2012-2019 Class Environmental Assessments Dundas Street (Brant Street to Highway 403), Halton Region
- 2015 Kipling Bus Terminal Study, Metrolinx
- 2016-2018 Dundas Connects Study, City of Mississauga
- 2018 City of Mississauga's Dundas Connects Master Plan, endorsed by City of Mississauga Council
- 2018 Dundas BRT was recognized in Metrolinx's 2041 Regional Transportation Plan as in-development project
- 2020 407 Transitway TPAP Study, Ministry of Transportation
- 2020 Dundas BRT Initial Business Case, Metrolinx
- 2021 Metrolinx and the City of Mississauga began work on the Preliminary Design (PD), Transit Project Assessment Process (TPAP) and Preliminary Design Business Case (PDBC) and reintroduced the project to the community

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.
- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Dundas BRT Infrastructure Alignment as Proposed by the Initial Business Case

Previous work studying the Dundas Corridor will be incorporated into this project. Several Municipal Class Environmental Assessments have been completed in Halton and Hamilton. This includes various road widening projects where, in Halton Region, the curb lanes include provision to accommodate potential high occupancy vehicle or bus-only lanes in the future. The [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018, identified the following, which will be further explored as part of the current work:

- The type of transit suitable for the corridor
- Opportunities for enhanced connectivity along the corridor
- Streetscape design and active transportation facilities
- Initial design solutions to constrained sections of the corridor (pinch points)

Figure 3 shows the Dundas BRT Infrastructure Alignment as Proposed by the IBC.

The Preliminary Design Business Case (PDBC) is the next step in the business case process and builds upon the work done in the Initial Business Case. The PDBC will assist in refining the service plan for the corridor and identify risks and barriers that may impact the project. Metrolinx will be completing the Preliminary Design Business Case concurrently with the Transit Project Assessment Process for the City of Mississauga portion of the project.

Current Status

The project impacts will be assessed following the Transit Project Assessment Process (TPAP) for the Toronto and Mississauga sections, as prescribed in Ontario Regulation 231/08 under the Environmental Assessment Act. As part of the TPAP, an Environmental Project Report (EPR) will be prepared for public review.

Metrolinx and the City of Mississauga are completing environmental studies in Toronto and Mississauga to identify the baseline conditions, determine any potential for impacts and propose measures to mitigate potential negative impacts.

The general approach for the Halton and Hamilton section is being considered through to the Preliminary Design Business Case will be to utilize the existing/planned cross-section, provide transit priority and bus service in high occupancy vehicle lanes and/or convert the curbside lane into a dedicated BRT lane. The Dundas BRT project will consider curbside bus stop locations, designs and consider requirements for buses turning on and off the corridor to select destinations, queue jump lanes, and transit signal priority.

Anticipated Field Surveys and Studies

The following environmental field surveys and studies that are anticipated to be completed to support this project. Approximate timing of the work outlined below, however is subject to change based on a number of factors, including approvals and weather:

- Air Quality Impact Assessment (no field work)
 - Includes operations and construction emissions modelling and mitigation strategies
- Arborist Report - Toronto Section, Eastern portion of Mississauga Section (Summer 2021)
 - Tree details within the study area
- Arborist Report - Mississauga Section (Spring 2022)
 - Tree details within the study area
- Archaeological Assessment (AA) Stage 1 (Spring 2021)
 - Stage 1 AA provides an overview of the areas having archaeology potential
- Cultural Heritage Report (CHR) (Spring 2021)
 - Identifies properties that have the potential for heritage resources and mitigation strategies
- Limited Phase I Environmental Site Assessment Report (Spring 2021)
 - Identifies actual and/or potentially contaminating activities along the alignment/corridor and the proposed associated infrastructure (study area)
- Natural Environment (Spring 2021)
 - Ecological Land Classification
 - Breeding Bird Surveys
 - Significant Wildlife Habitat and Species-at-Risk screening
- Noise and Vibration Impact Assessment (no fieldwork)
 - Summarizes potential noise and vibration effects and mitigation strategies

- Socio-Economic and Land Use Study (Spring 2021)
 - An overview of the social and economic characteristics and potential effects

Archaeology

The Stage 1 AA will provide information about the geography, history previous archaeological fieldwork and current land condition pertaining to the Study Area to evaluate the archaeological potential in detail. A Stage 1 AA will describe the results of all background research and field review and will contain all necessary photographic and cartographic documentation. Metrolinx will ensure that Haudenosaunee Confederacy Chiefs Council has an opportunity to review and provide comments on the Stage 1 AA prior to submission to the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).

The need for any further archaeological work, such as a Stage 2 AA, will be identified in the Stage 1 AA results. Metrolinx will ensure that Haudenosaunee Confederacy Chiefs Council will be invited to participate in any Stage 2 or higher fieldwork and will keep Haudenosaunee Confederacy Chiefs Council apprised of the status of archaeological work and schedule as environmental assessments continue to be completed.

Preliminary Design

The preliminary design phase will build upon the pre-planning completed as part of the TPAP for Toronto and Mississauga. In this phase, the project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design level. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits in order to reduce the site-specific impacts identified in the TPAP. The preliminary design will generate the analytic information to feed the PDBC that will be completed by the project team to allow Metrolinx to make evidence-based investment decisions.

Project Timeline

- **Project Launch and Initiation of Preliminary Environmental Studies - 2020**
- Impact Assessment Studies – Summer 2020 to Summer 2021
- Public Meeting Round #1 – April 19 - 30, 2021
- Public Meeting Round #2 – Summer 2021
- Draft EPR Addendum Preparation – Summer 2021
- **Notice of EPR Addendum – Fall 2021**
- Public Meeting Round #3 – Fall 2021
- 30-day public and stakeholder review
- 35-day Minister's review
- **Preliminary Design Business Case - 2022**



Next Steps

Metrolinx is working to gather details about the existing environmental conditions of the Toronto and Mississauga sections of the corridor. We are also developing a corridor design and design alternatives to the constrained sections of the corridor. This information is anticipated to be prepared and available by summer 2021.

Transit Project Assessment Process (TPAP) next steps include:

- Complete existing conditions mapping and reporting.
- Prepare environmental impact and mitigation measures as part of the final Environmental Project Report (EPR)
- Public engagement
- Prepare for commencement of TPAP
- EPR preparation

Preliminary Design next steps include:

- Develop design at pinch points
- Select and analyze preferred alternative
- Develop preferred corridor design for TPAP

Engagement

Metrolinx would appreciate knowing about any interest Haudenosaunee Confederacy Chiefs Council may have in the Project. We would like to know if there are any potential impacts of the proposed project on Haudenosaunee Confederacy Chiefs Council's rights and/or interests. Metrolinx would welcome the opportunity to meet with Haudenosaunee Confederacy Chiefs Council to provide more information and discuss any interests or questions that your Nation may have. Please let us know how best we might engage with Haudenosaunee Confederacy Chiefs Council.

Additional Information

For additional information regarding this project, including public meeting related materials, please visit: <http://metrolinxengage.com/dundasbvt> .

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com. We kindly request that you notify us of your interest in this project and how you may wish to engage with Metrolinx, in writing, by **June 7, 2021**.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.



Yours Truly,

A handwritten signature in dark ink, appearing to read 'f. melander'.

Fallon Melander
Manager, Indigenous Relations Office

cc: Wayne Hill, Haudenosaunee Development Institute
Todd Williams, Haudenosaunee Development Institute
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx
Piruthuvi Thurairajah, Project Coordinator, Environmental Programs &
Assessment, Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 1 - Proposed Dundas BRT Alignment

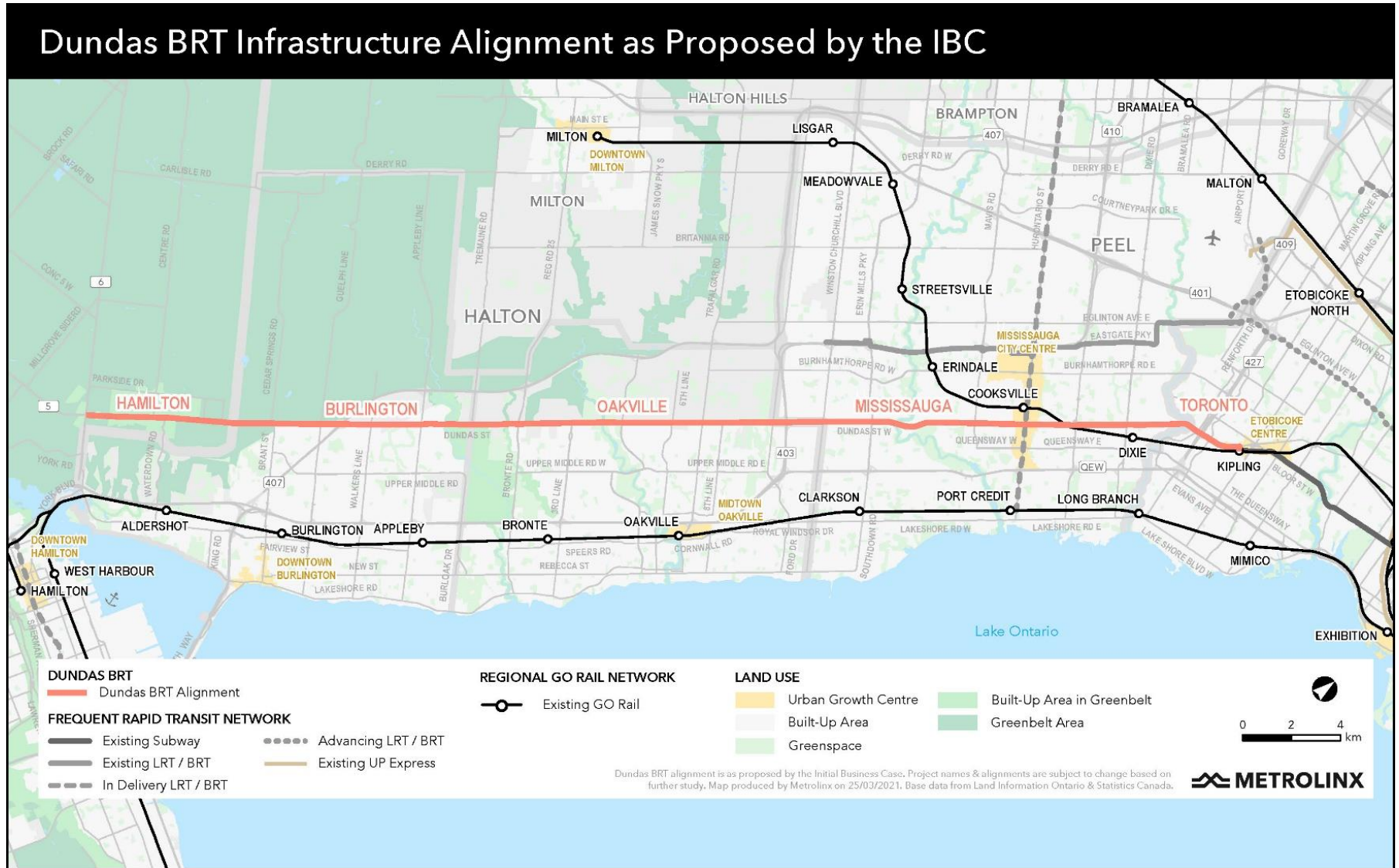


Figure 2 - Dundas BRT - Jurisdictional Boundaries

Dundas BRT Infrastructure Alignment as Proposed by the IBC

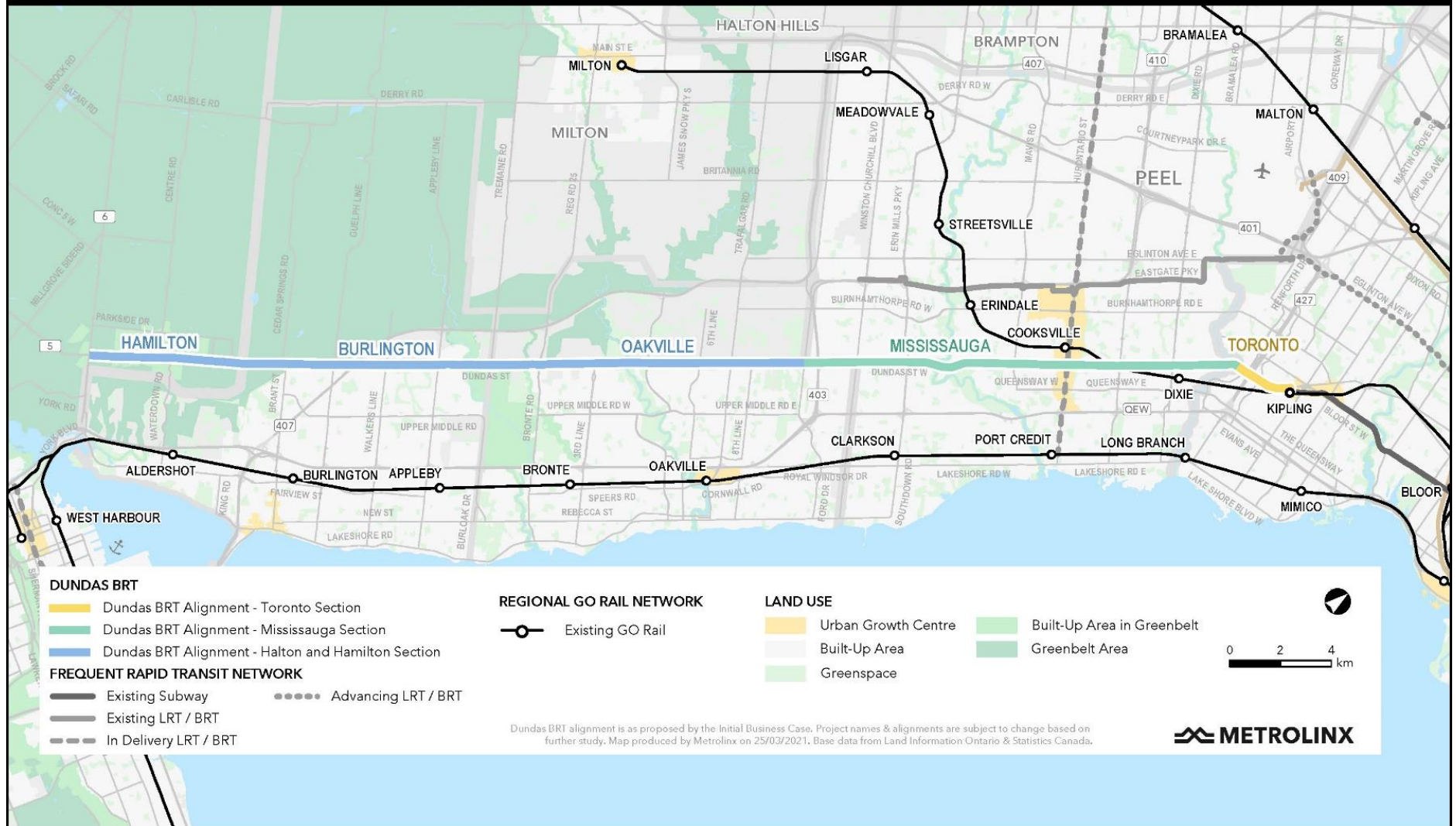
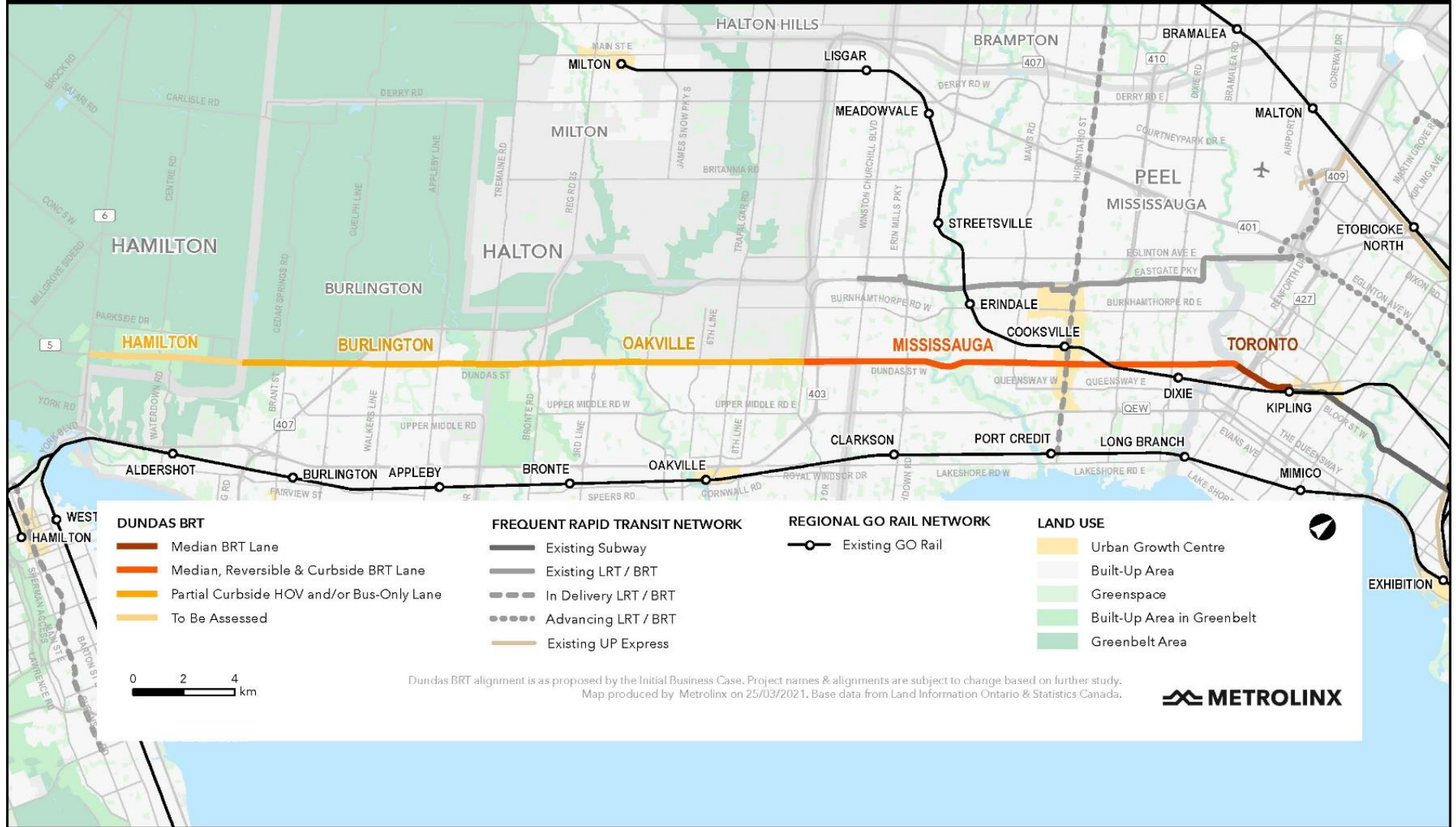



Figure 3 - Dundas BRT Infrastructure Alignment as Proposed by the IBC

Dundas BRT Infrastructure Alignment as Proposed by the IBC



Indigenous Nations Correspondence Record

- **Huron-Wendat Nation**

From: [Indigenous Relations](#)
To: [Lori-Jeanne Bolduc](#); [Dominic Ste-Marie](#)
Cc: mario.grosblouis@cnhw.qc.ca; [Paul Niejadlik](#); [Nasim Bozorgmehr](#); [Darcy Wiltshire](#); [Tarek Elhadadeen](#)
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports
Date: February 4, 2022 3:11:13 PM
Attachments: 

Hello Lori-Jeanne and Dominic,

I am reaching out to let you know that the final three Draft Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project are now available for your review. They can be accessed using the following link:




Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

Again, we apologize for the shorter than normal timeline for the review of these reports. Please do not hesitate to reach out if you would like to discuss ways in which the IRO can support with your review.

Thank you for your time and assistance. Have a lovely weekend.

Marilyn

Marilyn Stoye, M.Ed (*she/her*)
Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342



From: Indigenous Relations
Sent: January 28, 2022 2:28 PM
To: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Dominic Ste-Marie <Dominic.Sainte-Marie@wendake.ca>
Cc: mario.grosblouis@cnhw.qc.ca; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>

Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Hello Lori-Jeanne and Dominic,

I wanted to follow up with you regarding the Draft Cultural Heritage Evaluation Reports (CHERs), as outlined below, for the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project. As mentioned, we will be sharing the CHERs with your Nation as they become available to us. To that end, the second set of CHERs is now available at the following link:

[Redacted link]

Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

Thank you for your time and assistance. Please do not hesitate to reach out with any questions or concerns.

Best,
Marilyn

Marilyn Stoye, M.Ed (*she/her*)
Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342

[Redacted signature]

From: Indigenous Relations

Sent: January 25, 2022 12:20 PM

To: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Dominic Ste-Marie <Dominic.Sainte-Marie@wendake.ca>

Cc: mario.grosblouis@cnhw.qc.ca; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>

Subject: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Dear Lori-Jeanne and Dominic,

Metrolinx continues to advance the Dundas Bus Rapid Transit (DSBRT) Mississauga

East Project. Attached is a letter outlining and inviting review of six Draft Cultural Heritage Evaluation Reports (CHERs).

Metrolinx is in the process of conducting the CHERs for each property and wishes to share with HWN for review, as we receive them. The first CHER is available at the following Dropbox link, and we will continue to reach out to your Nation directly, as the following five CHERs become available.

[REDACTED]

Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

We appreciate the larger volume of these CHERs than what is typically shared in close succession, and the shorter than normal timeframe for review. If there is any way that the IRO can support your review of these documents, we are happy to arrange a meeting to discuss strategies. We appreciate your continued patience as we continue to work through our business processes to ensure a more lengthy review time for such documents in the future.

If you have any questions or concerns, please feel free to reach out to me at any time. Thank you for your time and assistance.

Thank you,

Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

[REDACTED]



January 25, 2022

Grand Chief Rémy Vincent
Huron-Wendat Nation
255 Place Chef Michel Laveau
Delivered by email

Dear Grand Chief Vincent,

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Cultural Heritage Evaluation Reports (CHERs)

Metrolinx remains committed to meaningful consultation and engagement. Metrolinx values its relationship with Huron-Wendat Nation and it is our wish to continue to work with your Nation as we move forward. The purpose of this letter is to invite Huron-Wendat Nation to review six Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Huron-Wendat Nation on this project.

Project Description

Metrolinx, a regional transportation agency, is overseeing the proposed Dundas Bus Rapid Transit (BRT) Project.

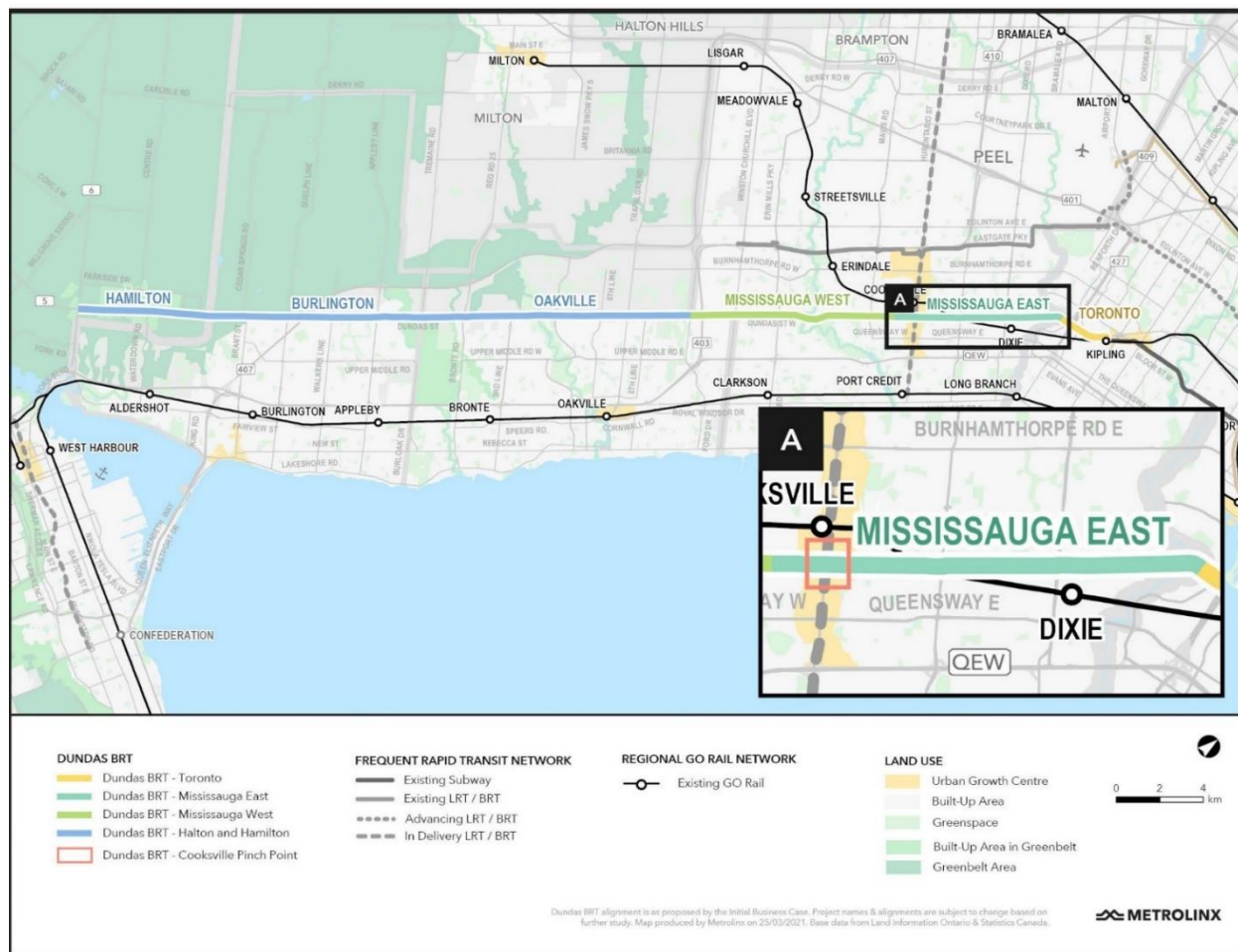
The Dundas BRT project is a proposed transportation corridor along a 48 kilometer stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

A letter was previously sent to the Huron-Wendat Nation on May 3, 2021 as an introduction to the Dundas BRT project with an update on the status of the project provided on August 25, 2021. The draft Environmental Project Report (EPR) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project was sent out to the Huron-Wendat Nation on Oct 15, 2021. The Notice of Commencement was sent out on Dec 10, 2021.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that provides a defined framework for assessing the potential environmental impacts of a proposed transit project, in this case the Dundas Bus Rapid Transit Mississauga East Project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Please see **Table 1** below for the project and TPAP timeline.

Table 1: Project and TPAP Timeline

Project Introduction Letter	May, 2019
Virtual Engagement Round #1	Start: 19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement <ul style="list-style-type: none"> Starts the up to 120 day period 	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21, End: 22-Feb-22*
Notice of Completion <ul style="list-style-type: none"> EPR review period (30 days) Minister's review of EPR (35 days) 	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Location Maps are available in **Appendix A**

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared with the Huron-Wendat Nation for review and comment on August 26, 2021.

Based on the preliminary assessment in Cultural Heritage Report (CHR), it was recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for six (6) built heritage resources. Metrolinx is in the process of conducting the Cultural Heritage Evaluation Reports for each property and wishes to share with Huron-Wendat Nation for review, as we receive them. A summary of the properties and their location is found below.

Built Heritage Resource/Cultural Heritage Landscape Ref.	Location/Address	Date of Submission
BHR 1	202 Dundas Street West	January 28th
BHR 2	196 Dundas Street West	February 4th
BHR 4	51, 55-57 Dundas Street West	January 28th
BHR 5	47 Dundas Street West	February 4th
BHR 6	37 Dundas Street West	February 4th
BHR 7	14 Dundas Street East	January 25th

Comments received prior to February 14, 2022 can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process. We recognize that these timelines for review are short and appreciate your continued patience as we continue to work through our business processes to ensure a lengthier review time for such documents in the future.

We ask that the Huron-Wendat Nation please provide comments on all six CHERs by **February 14, 2022**

The first CHER is available at the following Link:

Link:

[Redacted Link]

Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Huron-Wendat Nation for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep the Huron-Wendat Nation informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared this draft report with the Huron-Wendat Nation for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land

identified as retaining archaeological potential. Metrolinx acknowledges that the Huron-Wendat Nation should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that the Huron-Wendat Nation may have in relation to the Dundas Bus Rapid Transit Mississauga East Project and/or the Cultural Heritage Evaluation Reports (CHERs). Metrolinx would also welcome the opportunity to meet with the Huron-Wendat Nation to provide more information and discuss any interests or questions that your Nation may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders. We extend an open invitation to members of the Huron-Wendat Nation to participate in the fourth Public Information Centres, however, this would not preclude any request from the Huron-Wendat Nation to meet with Metrolinx directly.

Metrolinx is committed to building a long-term relationship with Huron-Wendat Nation, and we recognize that this requires transparency and meaningful engagement. We appreciate that we still have much work to do in this regard and we hope to move forward in a good way. We appreciate your patience as we continue to move forward in a mutually beneficial way.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,



Paul Niejadlik
Manager, Environmental Programs and Assessment
Metrolinx

cc: Lori-Jeanne Bolduc, Huron-Wendat Nation
Dominic Ste-Marie, Huron-Wendat Nation
Mario Gros-Louis, Huron-Wendat Nation
Indigenous Relations Office, Metrolinx

Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Appendix A

Figure 1 Map of Known and Potential Built Heritage Within Study Area

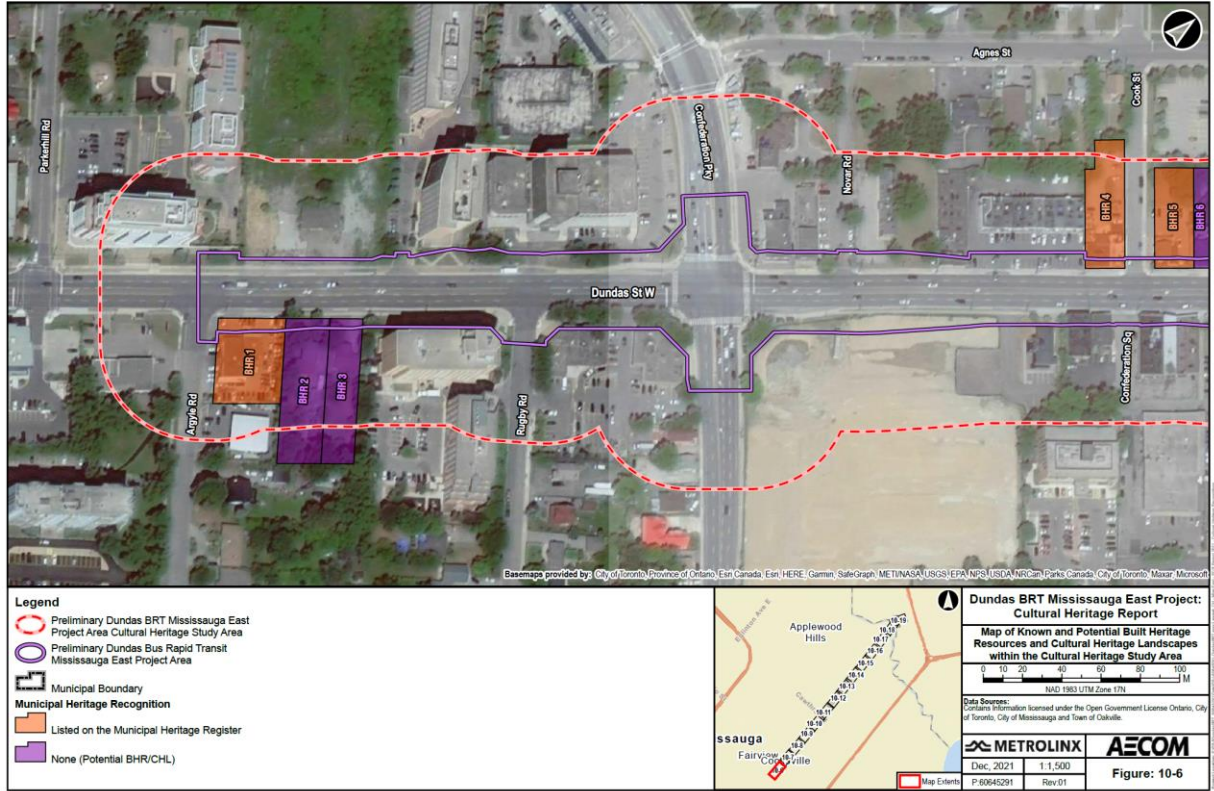



Figure 2 Map of Known and Potential Built Heritage Within Study Area



From: [Indigenous Relations](#)
To: [Lori-Jeanne Bolduc](#); [Dominic Ste-Marie](#)
Cc: mario.grosblouis@cnhw.qc.ca; [Darcy Wiltshire](#); [Paul Niejadlik](#); [Tarek Elhadadeen](#); [Nasim Bozorgmehr](#)
Subject: Dundas BRT: Notice of Commencement
Date: December 10, 2021 1:03:15 PM
Attachments: 

Dear Lori-Jeanne and Dominic,
Metrolinx continues to advance the Dundas Bus Rapid Transit Project (BRT). The project has been split into several segments each of which are being assessed individually, through the Transit Project Assessment Process (TPAP). Metrolinx wishes to inform you that it is issuing a Notice of Commencement for the Mississauga East portion of this project, which begins the up to 120 day review period under the TPAP. Please find attached a letter outlining the project and the Notice of Commencement.

A Draft Natural Environment Report was completed for this project and shared for review and comment on October 15, 2021. As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations. The final versions of these reports, with all comments addressed, will be available for review during the 30-day review period in March 2022.

Metrolinx remains committed to meaningful consultation and engagement with the Huron-Wendat Nation. We value our relationship and have learned much about your Nation and its expectations over the past several months. It is our wish to continue to work with your Nation as we move forward.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please feel free to contact our team at any time.

Thank you,

Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715



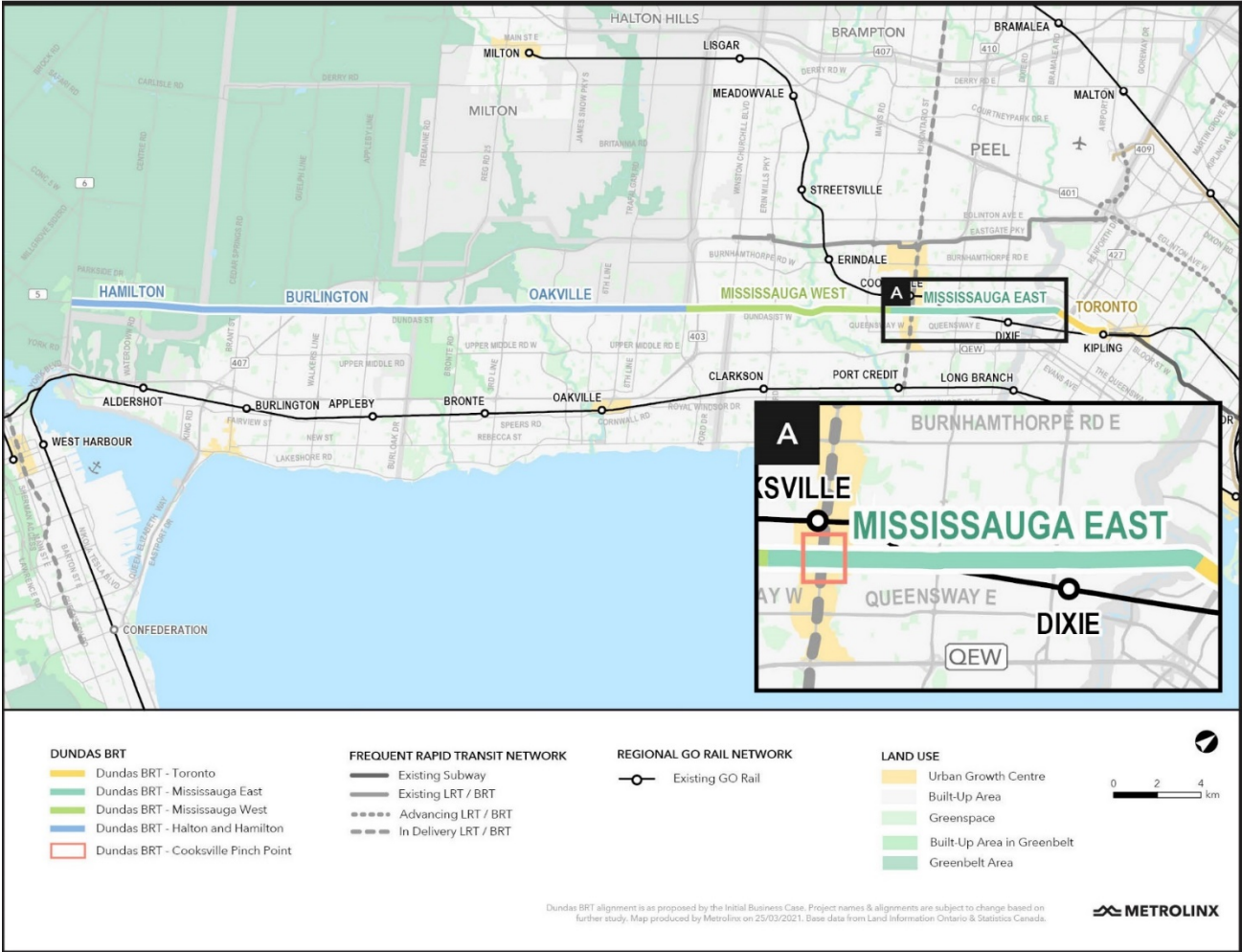
Notice of Commencement

Dundas Bus Rapid Transit (BRT) Mississauga East Project - Transit Project Assessment Process (TPAP)

Metrolinx, in collaboration with the City of Mississauga, is continuing to advance planning for the Dundas Bus Rapid Transit (BRT) corridor by commencing the Transit Project Assessment Process (TPAP) for the Dundas BRT Mississauga East (between Etobicoke Creek and Confederation Parkway) Project, in accordance with Ontario Regulation 231/08.

The Project

The Dundas BRT Project is a proposed transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres of this 48 kilometre municipal transit project would operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. This notice is for the Mississauga East (between Etobicoke Creek and Confederation Parkway) seven kilometre segment of the corridor (herein referred to as the Dundas BRT Mississauga East Project).



The Process

The TPAP, as prescribed in Ontario Regulation 231/08 made under the *Environmental Assessment Act*, is now commencing for the Mississauga East segment of the proposed Dundas BRT Project. The TPAP is a proponent-driven, self-assessment process that provides a defined framework to follow to complete the accelerated assessment of the potential environmental effects and decision-making within the regulated assessment timeline. As part of the TPAP, a Dundas BRT Mississauga East Environmental Project Report (EPR) is being prepared. Following this period, interested persons will have an opportunity to review the EPR during a regulated 30-day period, followed by a regulated 35-day review period by the Minister of the Environment, Conservation and Parks.

Consultation

We thank everyone for their feedback to date. In January, Metrolinx will host virtual Public Engagement 3 for the Dundas BRT Mississauga East Project, where you will have the chance to:

- Review what we heard during Public Engagement 2 and how feedback was incorporated;
- Review and comment on environmental study results, including potential impacts and proposed mitigation measures, as part of the TPAP;
- Learn about how the design for the Cooksville pinch point and the remainder of the Mississauga East segment has been optimized to reduce potential impacts; and
- Connect with the Project Team and review next steps for the Project.

Public Engagement 3

Virtual Metrolinx Live meeting: Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.

Register for and attend this virtual event on Metrolinx Engage at
www.MetrolinxEngage.com/DundasBRT

Online Engagement will be open from Tuesday, **January 18** to Tuesday, **February 1**, 2022

Participants will be able to provide feedback on Dundas BRT Mississauga East Project materials using the 'Ask-A-Question' function before, during and after the Metrolinx Live meeting and by completing an online feedback form. Following Public Engagement 3, the Project Team will consider the input received, prepare the Dundas BRT Mississauga East EPR, and publish the Notice of Completion. The Dundas BRT Mississauga East EPR will then be available for public review and comment.

Provide Feedback

Stay involved with the Dundas BRT Project. We have a dedicated Community Relations team for each region available to answer your questions and receive your feedback at any time.

Email us at:

- TorontoWest@metrolinx.com
- Peel@metrolinx.com
- HaltonRegion@metrolinx.com
- Hamilton@metrolinx.com

If you have project-related questions, would like to request hard copies of consultation materials, require accessibility accommodations or would like to provide input, please contact the Community Relations team from your region (above), or call (416) 202-7500.

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please visit metrolinx.com/en/aboutus/privacy.aspx or contact the Senior Privacy Officer for Metrolinx at 416-202-5941.

This Notice was first published on **December 10, 2021**.

Aussi disponible en français. Pour plus d'informations, veuillez contacter Peel@metrolinx.com.



December 10, 2021

Grand Chief Rémy Vincent
Huron-Wendat Nation
255 Place Chef Michel Laveau
Delivered by email

Dear Grand Chief Vincent,

Subject: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Notice of Commencement

Metrolinx seeks to continue to build a strong and meaningful relationship with Huron-Wendat Nation. Metrolinx appreciates and respects that Huron-Wendat Nation should be appropriately informed and aware of projects. The purpose of this letter is to announce formal commencement of the Transit Project Assessment Process (TPAP) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Huron-Wendat Nation on this project.

Project Description

As previously communicated on May 3, 2021, Metrolinx is overseeing the proposed Dundas Bus Rapid Transit (BRT) project. The Dundas BRT proposes a dedicated transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.

- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

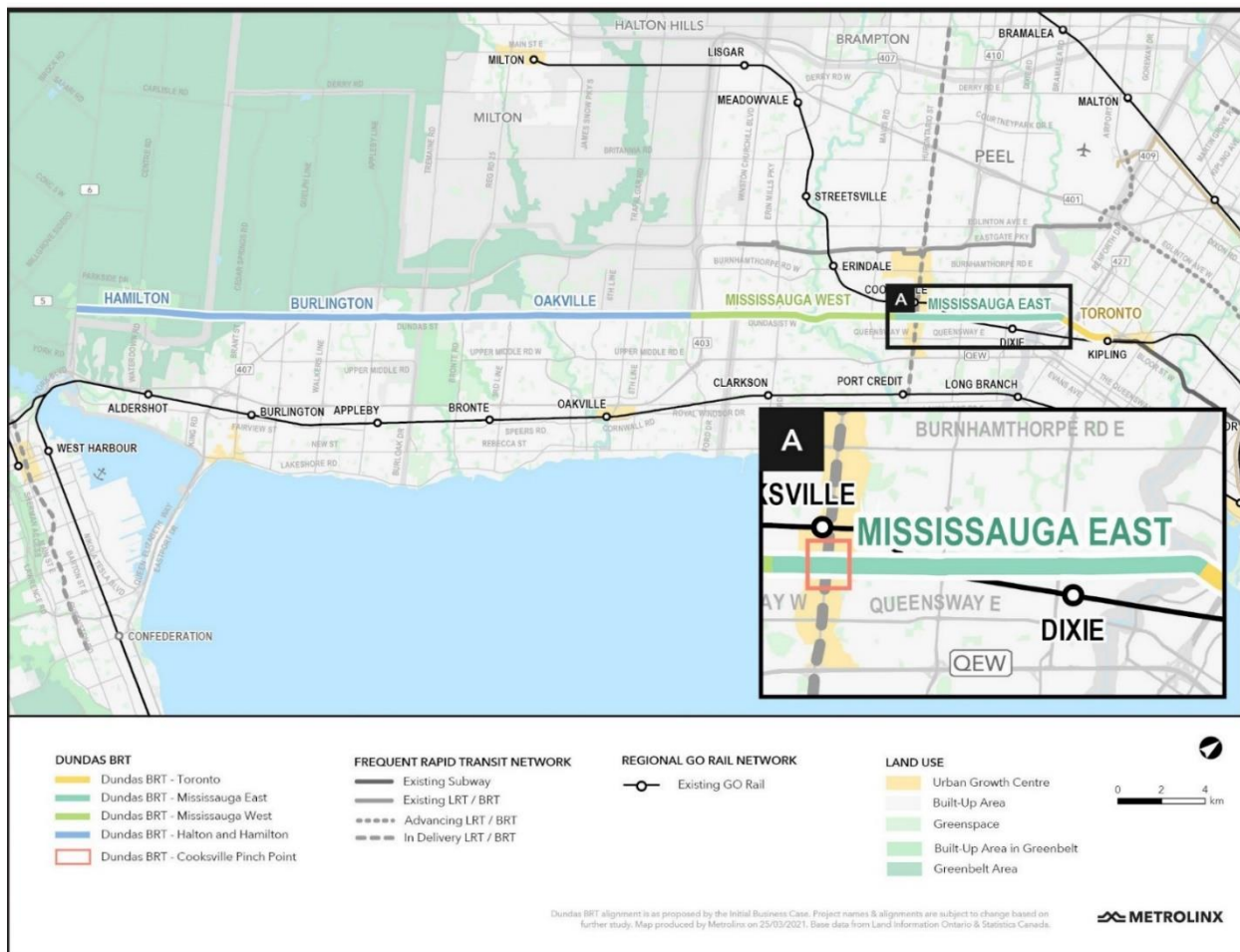
Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that

provides a defined framework for assessing the potential environmental impacts of a proposed transit project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Table 1: Project Study Areas

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

This letter serves as notice that Metrolinx is formally commencing the TPAP for the Mississauga East portion of the project. The Notice of Commencement is provided as **Attachment 1**. The attached Notice of Commencement will be available on the Project webpage at www.MetrolinxEngage.com/DundasBRT as of December 10, 2021.

Please see **Table 2** below for the project and TPAP timeline for the Dundas BRT Mississauga East Project.

Table 2: Project and TPAP Timeline- Dundas BRT Mississauga East Project.

Project Introduction Letter	May, 2021
Virtual Engagement Round #1	Start:19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement <ul style="list-style-type: none"> Starts the up to 120 day period 	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21, End: 22-Feb-22*
Notice of Completion <ul style="list-style-type: none"> EPR review period (30 days) Minister's review of EPR (35 days) 	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Huron-Wendat Nation for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed, and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be shared with Huron-Wendat Nation for review, and available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep Huron-Wendat Nation informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas BRT Mississauga East Project and shared this draft report with Huron-Wendat Nation for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been noted that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA found that there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. The work is not anticipated to be completed until the detailed design phase. Metrolinx will ensure that Huron-Wendat Nation is invited to participate in the Stage 2 AA fieldwork and will send more details as they become available.

Metrolinx acknowledges that Huron-Wendat Nation should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas BRT Mississauga East Project and shared with Huron-Wendat Nation for review and comment on August 26, 2021.

The Cultural Heritage Report (CHR) found there to be a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes within the grading

limits of the proposed design, which are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended that a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. This is subject to change based on design refinements that may reduce the number of resources anticipated to be impacted.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that Huron-Wendat Nation may have in relation to the Dundas Bus Rapid Transit project, including the Mississauga East portion and/or the Notice of Commencement. Metrolinx would welcome the opportunity to meet with Huron-Wendat Nation to provide more information and discuss any interests or questions that Huron-Wendat Nation may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders.

We extend an open invitation to members of Huron-Wendat Nation to participate in the fourth Public Information Centre, however, this would not preclude any request from Huron-Wendat Nation to meet with Metrolinx directly.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,

A handwritten signature in black ink, reading "Paul Niejadlik". The signature is written in a cursive, flowing style.

Paul Niejadlik
Manager, Environmental Programs and Assessment
Metrolinx

cc: Lori-Jeanne Bolduc, Huron-Wendat Nation
Dominic Ste-Marie, Huron-Wendat Nation
Mario Gros-Louis, Huron-Wendat Nation
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Tarek Elhadadeen, Project Coordinator, Environmental Programs & Assessment,
Metrolinx
Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Encl. Dundas Bus Rapid Transit Project: Notice of Commencement

From: [Indigenous Relations](#)
To: mario.gros-louis@cnhw.qc.ca
Cc: [Lori-Jeanne Bolduc](#); [Darcy Wiltshire](#); [Paul Niejadlik](#); [Zul Hamzah](#); [Dominic Ste-Marie](#)
Subject: RE: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review
Date: November 22, 2021 1:13:57 PM
Attachments: [REDACTED]

Dear Mario,

I hope you are doing well and enjoyed your weekend!

I wanted to follow up with you in regards to the Dundas BRT Environmental Project Report found in the email below. We would very much appreciate any comments or feedback you may have to share on the report. The deadline to share comments is this **Friday, November 26, 2021.**

Thank you!

Marilyn

Marilyn Stoye (*she/her*)
Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342

[REDACTED]

From: Indigenous Relations
Sent: October 15, 2021 12:00 PM
To: mario.gros-louis@cnhw.qc.ca
Cc: [Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>](mailto:Lori-Jeanne.Bolduc@wendake.ca); [Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>](mailto:Darcy.Wiltshire@metrolinx.com); [Paul Niejadlik <Paul.Niejadlik@metrolinx.com>](mailto:Paul.Niejadlik@metrolinx.com); [Zul Hamzah <Zul.Hamzah@metrolinx.com>](mailto:Zul.Hamzah@metrolinx.com)
Subject: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review

Dear Mario Gros-Louis,

Metrolinx continues to progress its environmental studies for the Dundas Bus Rapid Transit Project.

Attached you will find a letter outlining the Draft Environmental Project Report and draft Natural Environment and Arborist Reports prepared for the Dundas BRT - Mississauga East TPAP. We have also pulled out and attached the Natural Environment Impacts and Mitigations table from the broader report for ease of reference.

We ask that your Nation provide any comments no later than November 26, 2021.

The reports are available at the following link:



If you have any questions or concerns, please feel free to reach out to me at any time.

Thank you,

Jaimi O'Hara

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

Attachment 1 - Natural Environment Mitigations

Natural Environment Effects Assessment

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
Wildlife	Disturbance, displacement, or mortality of wildlife	<ul style="list-style-type: none"> Prior to construction wildlife exclusionary fencing will be installed and investigation of the Project Footprint for wildlife and wildlife habitat that may have established following the completion of previous surveys will be undertaken, as appropriate. If wildlife is encountered a qualified biologist will be contacted to define measures to be implemented to avoid destruction, injury, or interference with the species, and/or its habitat.
Migratory Breeding Birds, Nests and Species at Risk	Disturbance, mortality or destruction of migratory birds and/or nests.	<ul style="list-style-type: none"> All works must comply with the <i>Migratory Birds Convention Act</i> (MBCA), <i>Endangered Species Act</i> (ESA) and <i>Species at Risk Act</i> (SARA), including conservation strategies. Construction works and vegetation removals should be completed outside of the bird breeding season (i.e. April 1 - August 31), if possible, to ensure incidental take or harm to migratory birds, SAR and their critical habitat does not occur. If construction activities are scheduled during the nesting season (April 1st to August 31st), a breeding bird and nest search will be undertaken by a qualified biologist to confirm that no SAR are nesting on structures, banks or vegetation that may be affected by construction activities, no more than 48 hours prior to removal. If possible, the area will be netted prior to nesting season to dissuade use of these areas for nesting. Where loss or disturbance cannot be avoided (e.g., due to work on bridges or banks), all requirements under the ESA will be met, including any registration, compensation, replacement structures and/or permitting requirements. If a nest of a migratory bird is found outside of this nesting period (including a ground nest) it still receives protection.
Soil	Erosion, compaction, drainage alterations, soil mixing, bank degradation, soil contamination	<ul style="list-style-type: none"> A Soil Management Plan (SMP) will be prepared by a Qualified Professional. Erosion and Sediment Control (ESC) measures will be implemented prior to project construction and maintained during the construction phase in accordance with an ESC Plan. Spill Prevention and safe Hazardous Materials Handling measures will be implemented prior to project construction and maintained during the construction phase in accordance with a Spill Prevention and Contingency Plan and a Hazardous Materials and Fuel Handling Plan. Disturbed areas within the construction site will be stabilized and re-vegetated.
Watercourses, Hydrological Features and Aquatic Environment	Loss of aquatic and riparian habitat, water quality degradation and flow alterations	<ul style="list-style-type: none"> ESC measures will reduce impacts to habitat and hydrological features. In -water work, if required, will take place outside of the sensitive timing windows for warmwater fish species.

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
		<ul style="list-style-type: none"> • If in -water or vernal pool work will occur during construction, the area will be isolated using cofferdams and dewatered in accordance with a Dewatering Plan prepared during detailed design. • Fish and wildlife removals will be conducted by qualified biologists in isolated areas prior to dewatering and relocated, unharmed, to suitable habitat outside of the work area. • Riparian vegetation removal will be kept at a minimum. • Fuel and equipment requiring fuel will be stored in designated areas only, a minimum of 30m from watercourses/ water bodies, and refueling is to occur at least 30 m from watercourses/ water bodies; if this distance cannot be maintained, a spill tray is to be placed under the fueling point.
Vegetation	Loss of vegetation communities, tree removals, proliferation of invasive species, habitat loss	<ul style="list-style-type: none"> • A Vegetation Management Plan shall be developed to identify site specific vegetation management including the delineation of vegetation removal zones, timing restrictions, revegetation protocols; removal and preventing the spread of invasive/noxious vegetation, and other mitigation measures. • If a tree requires removal or injury, compensation and permitting/approvals (as required) will be undertaken in accordance with Metrolinx's <i>Vegetation Guideline</i> (2020) while mitigating potential impacts to sensitive species, and features. Works will comply with all applicable bylaws for tree removals, injury and protection (e.g., City of Mississauga's Public and Private Tree Bylaws (0254-2012)). • Equipment will be thoroughly cleaned, approved seed mixes will be used for revegetation, and proper stockpiling and soil removal measures will be followed. • Trimming and clearing of trees will be kept at a minimum and in a manner that minimizes physical damage and promotes quick wound closure and regeneration. • An International Society of Arboriculture (ISA) Certified Arborist and/or licensed Landscape Architect will be responsible for carrying out tree pruning and maintenance. • Tree Protection Zone (TPZ) fencing will be established to protect and prevent tree injuries in accordance with local by-law requirements. • Efforts will be made during removal operations to prevent the spread of invasive plant species. If an invasive species is encountered, it will be removed and disposed of in an appropriate off-site location.

*A complete list of Mitigation Measures can be found in the Natural Environment Report, Section 3.2, Table 4

October 15, 2021

Grand Chief Rémy Vincent
Huron-Wendat Nation
255 Place Chef Michel Laveau
Delivered by email

Dear Grand Chief Vincent

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project, Draft Environmental Project Report (EPR), including Draft Natural Environment and Arborist Reports

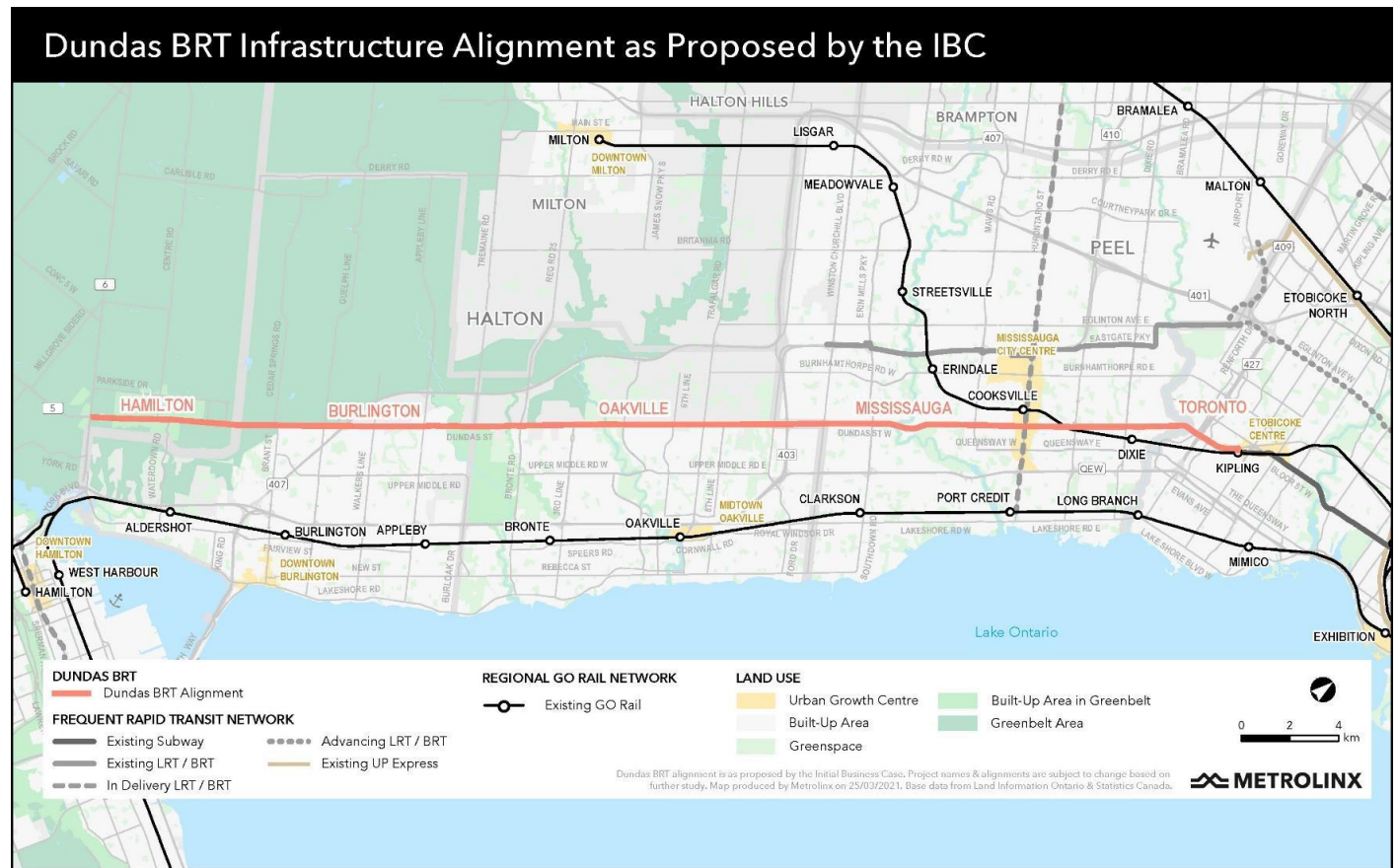
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Huron-Wendat Nation.

Metrolinx appreciates and respects Huron-Wendat Nation's desire to be appropriately informed and aware of projects. A letter was previously sent to Huron-Wendat Nation on May 3, 2021 as an introduction to the Dundas BRT with an update on the status of the project provided on August 25, 2021. The purpose of this letter is to share the draft Environmental Project Report (EPR), draft Natural Environment and Arborist Reports for the Dundas BRT Mississauga East segment with Huron-Wendat Nation for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in **Figure 1** below.

Figure 1 – Dundas BRT Study Area.



Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed

Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Mississauga East TPAP Update and Environmental Reports for Review

The Mississauga East segment is the first Transit Project Assessment Process being completed as part of the Dundas BRT project. Metrolinx has been moving ahead on the environmental assessment studies for the Mississauga East segment and has completed the draft Environmental Project Report, draft Natural Environment Report and draft Arborist Report. More information on each report is available below:

Environmental Project Report

Metrolinx has drafted the Environmental Project Report (EPR) for the Mississauga East

segment which is attached for Huron-Wendat Nation's review. This EPR documents the existing environmental conditions within the Mississauga East study area, the potential environmental impacts of the Project, recommended mitigation measures, the consultation process followed, and future commitments for the Project. The following areas were assessed:

- Natural Environment
- Air Quality
- Noise and Vibration
- Socio-Economic and Land Use
- Cultural Heritage
- Archaeology

Natural Environment

Metrolinx has completed a draft Natural Environment Report (NER) for the Mississauga East Segment which is attached for Huron-Wendat Nation's review. The purpose of the draft NER is to review the existing natural environment conditions within the Mississauga East study area, determine the potential natural environmental impacts of the project and recommend mitigation measures. Impacts to the following were explored in this report:

- Aquatic Environment
- Terrestrial Environment
- Species at Risk

The Dundas BRT Mississauga East project will encroach slightly into the natural system. As design progresses, these impacts will be minimized where possible. Details can be found in the draft Technical Reports, available in the dropbox link provided in the email. Please find a brief summary below of field studies:

Aquatic Environment

There are no in-water works associated with this project.

- I. Four watercourses occur within the study area: Cooksville Creek, Little Etobicoke Creek, Etobicoke Creek and Mary Fix Creek.
- II. Habitat observed within the Study Area is suitable to support warmwater tolerant species (i.e., Black Crappie, Brown Trout, Smallmouth Bass) and are possibly moving between Lake Ontario and habitat in Cooksville and Etobicoke Creek near the lake.
- III. The riffles with cobble substrates in Etobicoke Creek likely provide spawning habitat for several species.

Terrestrial Environment

- I. No Species at Risk (SAR) plants or vegetation communities have been observed in the Study Area during initial field investigations.
- II. The Study Area is highly urbanized and includes 21 distinct ecological units identified including Deciduous Woodlands, Mixed Meadows and Thickets. Please see Natural Environment Report (page 48-50) maps for details.

- III. 6 species of mammals and 2 species of insects were observed in the study area, all common species and secure in Ontario; a species list can be found in the Natural Environment Report (page 16).
- IV. 35 species of birds were confirmed in woodland, urban, thicket and grassland communities; a species list can be found in the Natural Environment Report (page 17-18).
- V. The Arborist Report identifies 922 trees that may be removed and 133 that may be injured with protection. However, as design progresses tree impacts should be reduced, additional details can be found in the Arborist Report (page 17-19).
- VI. Detailed restoration and compensation plans will be prepared before construction following the Metrolinx Vegetation Guide (2020), to ensure that ecological compensation is provided.

Species at Risk (SAR)

There are no impacts identified at this time for Species at Risk (SAR) other than Barn Swallows. Assessment will continue through detail design.

- I. American Eel has the potential to be found in all tributaries of Lake Ontario.
- II. Barn Swallows (Threatened):
 - a. Confirmed to be nesting on site
 - b. Etobicoke Creek bridge rehabilitation activities have the potential to negatively impact Barn Swallows during nesting season and will be mitigated to diminish any impact. Following construction, it is anticipated that the bridge will remain suitable as nesting habitat.
- III. Chimney Swift (Threatened):
 - a. Confirmed to be foraging on site
 - b. No critical habitat was observed within the Study Area
- IV. SAR Bats (Endangered) were not observed on site.
 - a. There is potential to encounter the Eastern Small-footed Myotis, Little Brown Myotis, Northern Myotis, and/or Tri-colored Bat within the treed portions of the study area.

Impacts and Mitigations

The tables found enclosed in the email (**Attachment 1**) provide a summary of the Natural Environment potential impacts and mitigation strategies identified as part of the Draft EPR that may be of interest to Huron-Wendat Nation. If Huron-Wendat Nation has any feedback about these potential impacts and/or mitigation strategies, Metrolinx would appreciate the opportunity to discuss further.

Arborist Report

Metrolinx has drafted an Arborist Report, which includes both a tree inventory and tree impact analysis, for the Mississauga East Segment which is attached for Huron-Wendat Nation's review. The purpose of the tree inventory and tree impact analysis assignment is to assess the general health and structure of onsite trees as well as determine their potential impacts, due to the project.

Based on the results of the tree impact analysis it is recommended that 922 trees will



have to be removed in order to accommodate the construction of the Project whilst a further 133 trees are recommended for injury with protection, with 46 being recommended for injury and 87 for minor injury. In terms of tree compensation, 1,535 replacement trees are required to replace trees being removed within the City of Mississauga (902) and the City of Toronto (20) or injured (10) within the City of Toronto as per the *Metrolinx Vegetation Guideline* (2020).

Metrolinx welcomes any comments or feedback Huron-Wendat Nation may have on the draft Environmental Project Report, draft Natural Environment report, and draft Arborist Report. Please provide comments on these reports in writing by **November 26, 2021**.

Engagement

Metrolinx would appreciate knowing about any interest Huron-Wendat Nation may have in the Dundas BRT project. Metrolinx would welcome the opportunity to meet with Huron-Wendat Nation to provide more information and discuss any interests or questions that Huron-Wendat Nation may have. Please let us know how best we might engage with Huron-Wendat Nation.

Additional Information

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

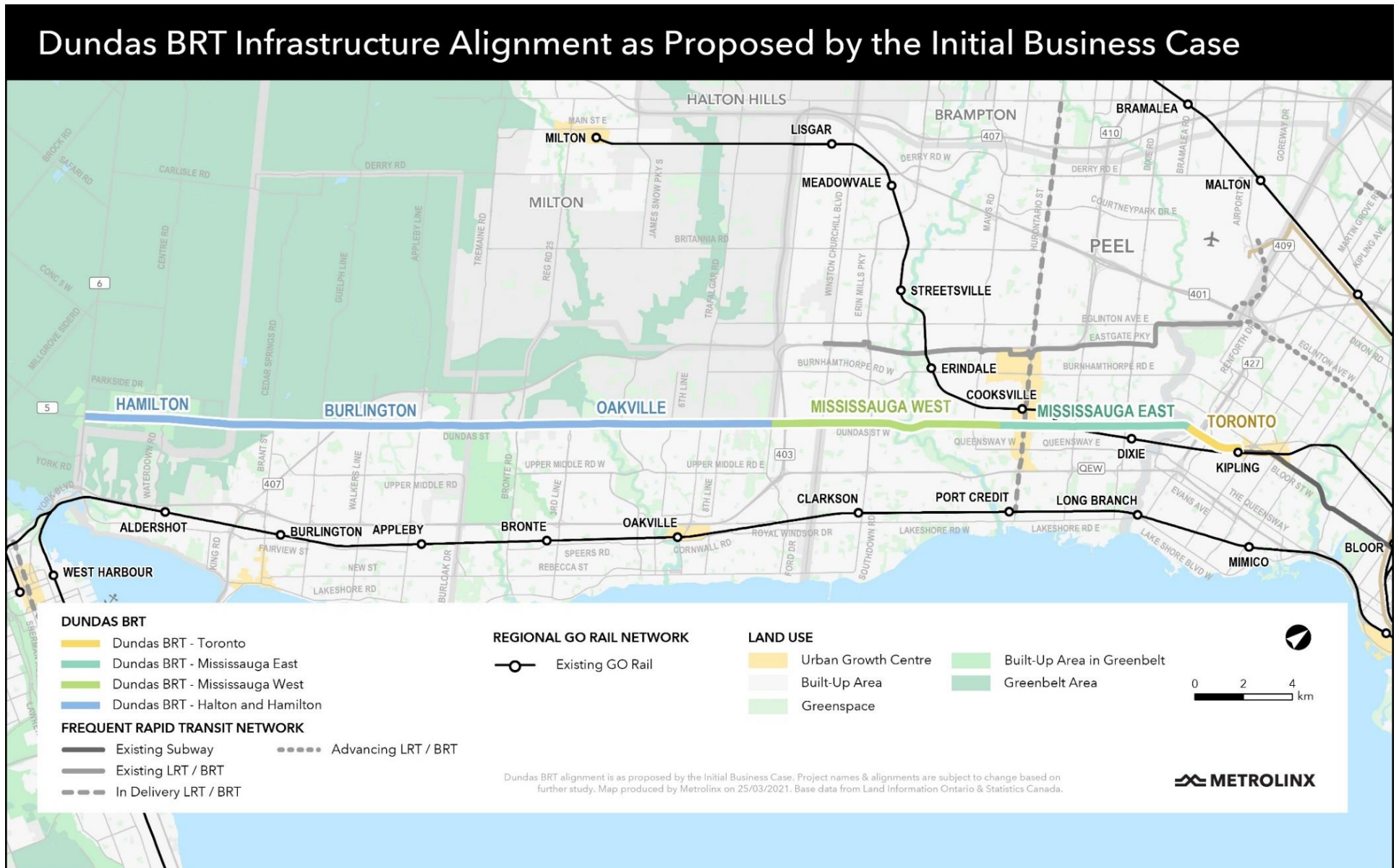
Yours Truly,

A handwritten signature in black ink that reads 'Paul Niejadlik'.

Paul Niejadlik
Manager, Environmental Programs and Assessment, Metrolinx

cc: Mario Gros-Louis, Huron-Wendat Nation
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Stage 1 AA provides an overview of the areas having archaeological potential • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

From: [Indigenous Relations](#)
To: [Stephanie B. Nadeau](#)
Cc: [Piruthuvi Thuraiajah](#); [Darcy Wiltshire](#); [Zul Hamzah](#); mario.grosblouis@cnhw.qc.ca; valerie.janssen@cnhw.qc.ca
Subject: Dundas BRT Project Update - Stage 1 Archeological Assessment and Cultural Heritage Report Review
Date: August 26, 2021 4:40:21 PM
Attachments: [REDACTED]

Dear Stéphanie,

Please find attached, a letter providing an update on the Dundas Bus Rapid Transit Project. The letter also outlines the draft Stage 1 Archeological Assessment and Cultural Heritage Report. [REDACTED]

The reports are available for review at the following link:

[REDACTED]

Please share any comments you may have by October 08, 2021.

If you have any questions or concerns, please feel free to reach out to me at any time.
Thank you for your time and assistance.

Thank you,

Jaimi

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

[REDACTED]

August 26, 2021

Grand Chief Rémy Vincent
Huron-Wendat Nation
255 Place Chef Michel Laveau
Delivered by email

Dear Grand Chief Vincent,

RE: Dundas Bus Rapid Transit Project Update - Archaeological Assessment and Cultural Heritage Reports

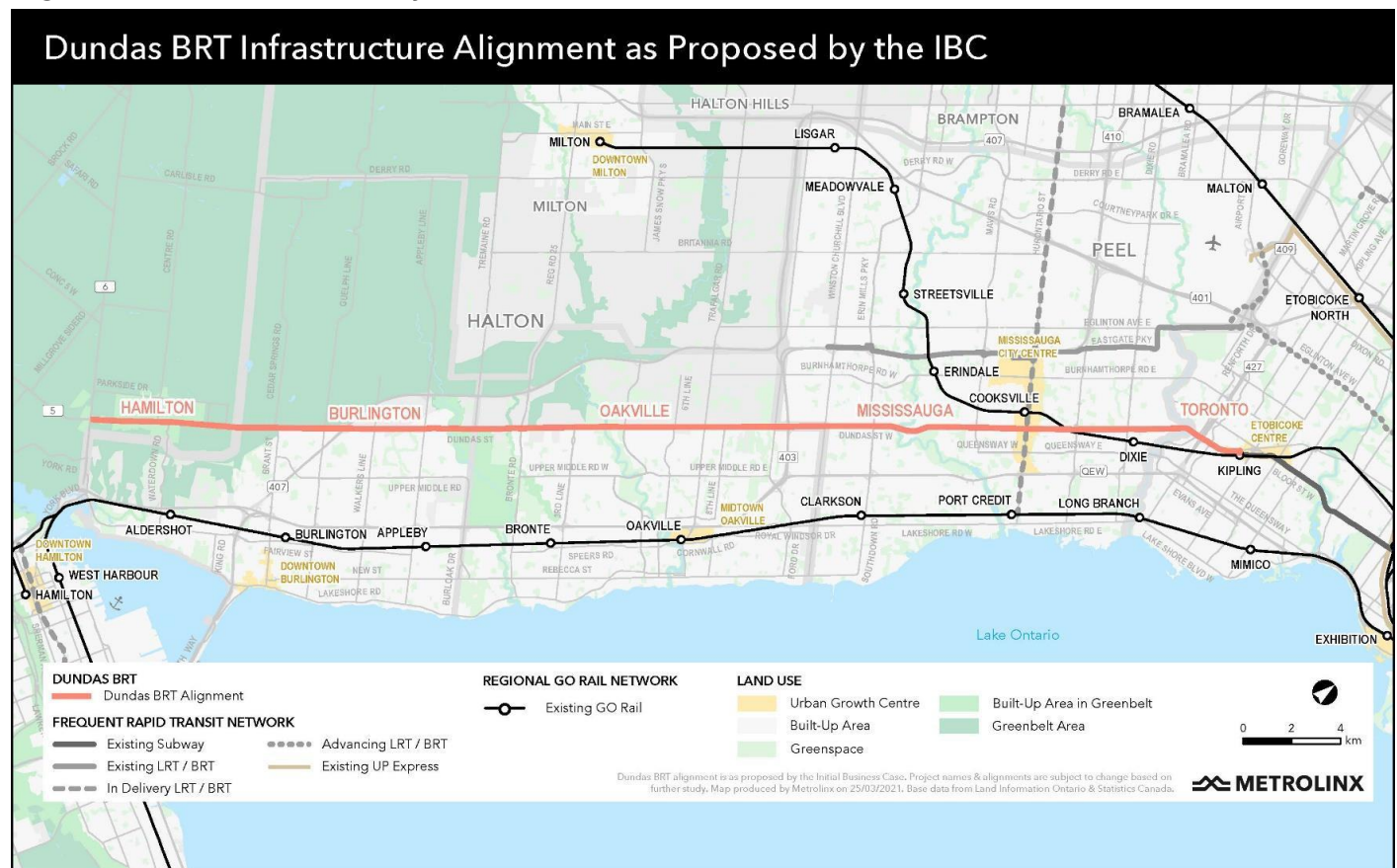
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Huron-Wendat Nation.

Metrolinx appreciates and respects Huron-Wendat Nation's desire to be appropriately informed and aware of projects. A letter was previously sent to Huron-Wendat Nation on May 3, 2021 as an introduction to the Dundas BRT. The purpose of this letter is to provide clarity on project information and share a draft Stage 1 Archaeological Assessment and Cultural Heritage Report for the Dundas BRT with Huron-Wendat Nation for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in Figure 1 below.

Figure 1 – Dundas BRT Study Area.



Project Scope

Metrolinx is working collaboratively with stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case.

The Preliminary Design and Preliminary Design Business Case will support the totality of the proposed 48-kilometre alignment of the Dundas BRT project.

- The Preliminary Design will build upon the pre-planning completed as part of the environmental assessment process outlined below. The project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits to reduce the site-specific impacts identified in the TPAP.
- The Preliminary Design will generate the analytic information to feed the Preliminary Design Business Case.
- The Preliminary Design Business Case, which is expected to be completed in April 2022, is the next step in Metrolinx's business case process and builds upon the work done in the Initial Business Case.

As indicated in Figure 1, the proposed alignment transverses multiple municipalities.

Portions of the proposed alignment have already been subject to previous environmental assessments which will inform this project, including:

- Previous assessment of the Dundas Corridor as part of the [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018.
- Environmental assessments for the Hamilton-Halton portion, which have already been completed by the region/municipalities.

Please note the procurement and construction model for this Project will be developed as part of the Preliminary Design process. As a result, future engagement following the Transit Project Assessment Process during the detailed design and construction phases of the Project may or may not be led by Metrolinx. Metrolinx is committed to ensuring the contracting authority and constructor for this project completes appropriate engagement with community during future phases of the Project.

Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

For this portion of the corridor located within the City of Hamilton, it is anticipated only operational changes will occur. An evaluation for converting the future High Occupancy Vehicle (HOV) lanes to dedicated curbside BRT lanes is underway and will be shared during future engagement. In addition to conversion of the HOV lanes to dedicated BRT lanes, potential traffic signal changes including transit signal priorities and lane changes including queue jump lanes are being explored.

Any further operational or localized design modifications contemplated by the Preliminary Design and Preliminary Design Business Case have been determined to be exempt from the TPAP (no further Environmental Assessment Act requirements) and can be addressed through the Municipal Class EA Schedule A and A+ (pre-approved) process.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Public Meeting Round #2	September 2021	September 2021	September 2021
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

*We anticipate an update to the Halton and Hamilton section to be included in public meeting round 3 anticipated for December 2021 to January 2022.

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Mississauga East segment which is attached for Huron-Wendat Nation's review. Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area, outlined in **Figure 3**.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. Metrolinx acknowledges that Huron-Wendat Nation should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Any additional archaeological assessments will occur following the TPAP as part of the detailed design and construction phases. As it is not yet known if Metrolinx will be leading the next phases of this project, we will ensure commitments to include Indigenous monitors in any future archaeological work are shared with the constructor.

Metrolinx welcomes any comments or feedback Huron-Wendat Nation may have on this draft Stage 1 AA. Should you wish to provide comments on this report, please submit your feedback in writing by **October 08, 2021**.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Mississauga East segment which is attached for Huron-Wendat Nation's review. The purpose of the draft Cultural Heritage Report (CHR) is to identify existing baseline cultural heritage conditions within the Cultural Heritage Study Area (**Figure 4**), including:

- a historical review of the development of the study area,
- completion of a field investigation,
- present an inventory of all known, and
- previously identified and potential built heritage resources and cultural heritage landscapes within the Cultural Heritage Study Area.

Thus far, a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes are within the grading limits of the proposed design and are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. It remains unclear at this stage if Metrolinx will be undertaking these reports, but we welcome any feedback Huron-Wendat Nation may have in the recommended Cultural Heritage Evaluation Reports and/or Heritage Impact



Assessments. We will endeavour to ensure any feedback is included as part of the project file.

Please submit all comments and feedback related to this draft CHR by **October 08, 2021**.

Additional Information

For your awareness, the first public engagement for the Project was held virtually from April 19 to April 30, 2021. The second public engagement will be held virtually from September 2 to September 23, 2021. The purpose of this second round of public consultation includes outlining existing environmental conditions and presenting the BRT corridor design for Mississauga.

We extend an open invitation to you and members of Huron-Wendat Nation to attend this virtual Open House, however, this would not preclude any request from you to meet with Metrolinx directly. The virtual engagement can be accessed beginning on September 2, 2021 at <http://metrolinxengage.com/dundasbrt>.

Engagement

We are committed to an open, respectful, and transparent engagement with Huron-Wendat Nation. We are happy to address any questions Huron-Wendat Nation may have about the Draft Stage 1 Archaeological Assessment and draft Cultural Heritage Report for the Dundas BRT project.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Acting Manager, Indigenous Relations at Metrolinx at IndigenousRelations@metrolinx.com.

Please note any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.

Yours Truly,

A handwritten signature in black ink, reading 'Paul Niejadlik'.

Paul Niejadlik
Manager, Environmental Programs and Assessment, Metrolinx

cc: Mario Gros-Louis, Huron-Wendat Nation
Valerie Janssen, Huron-Wendat Nation
Indigenous Relations Office, Metrolinx



Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx

Piruthuvi Thurairajah, Project Coordinator, Environmental Programs & Assessment, Metrolinx

Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas

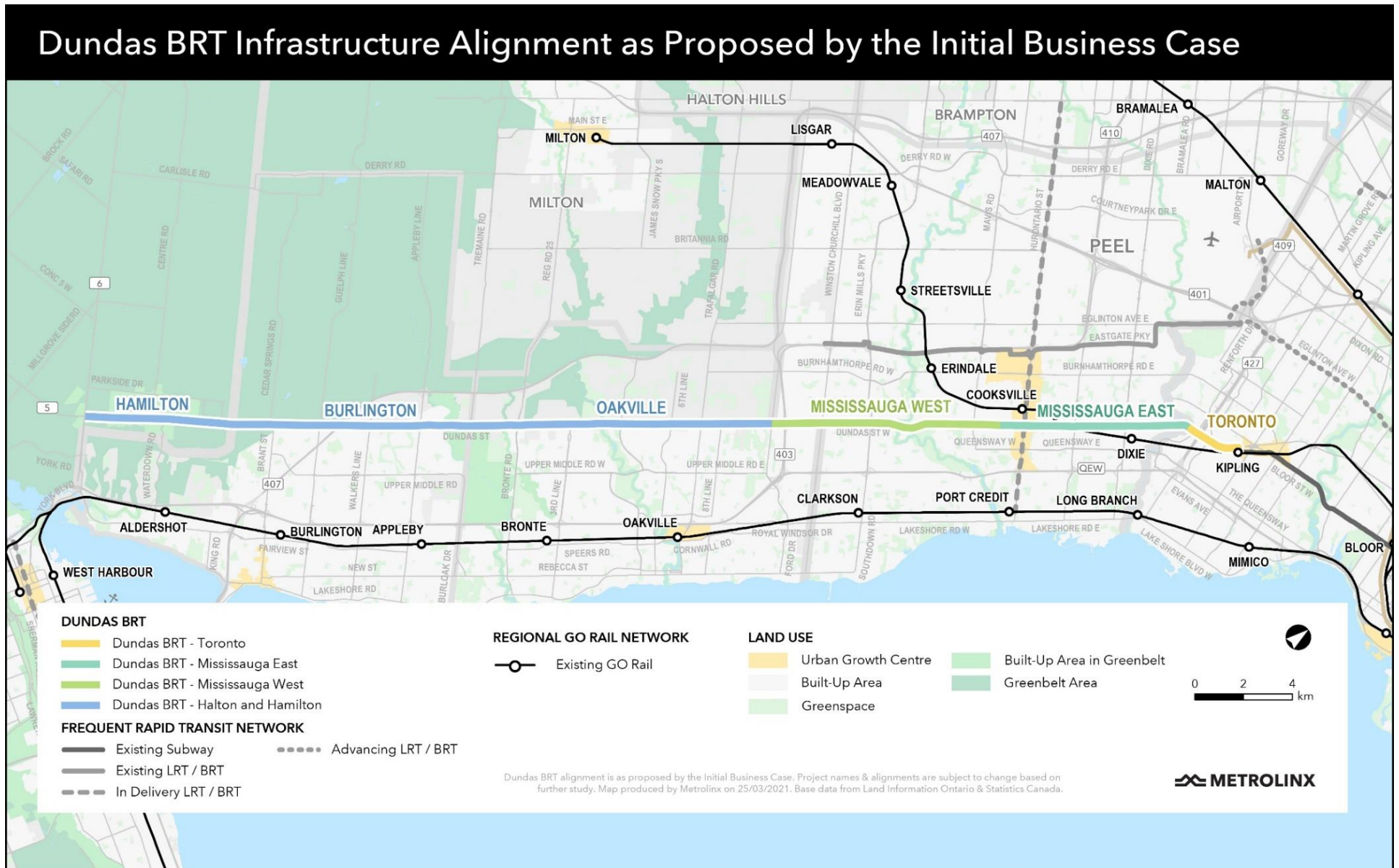


Figure 3 - Dundas BRT Mississauga East Stage 1 Archaeology Study Area

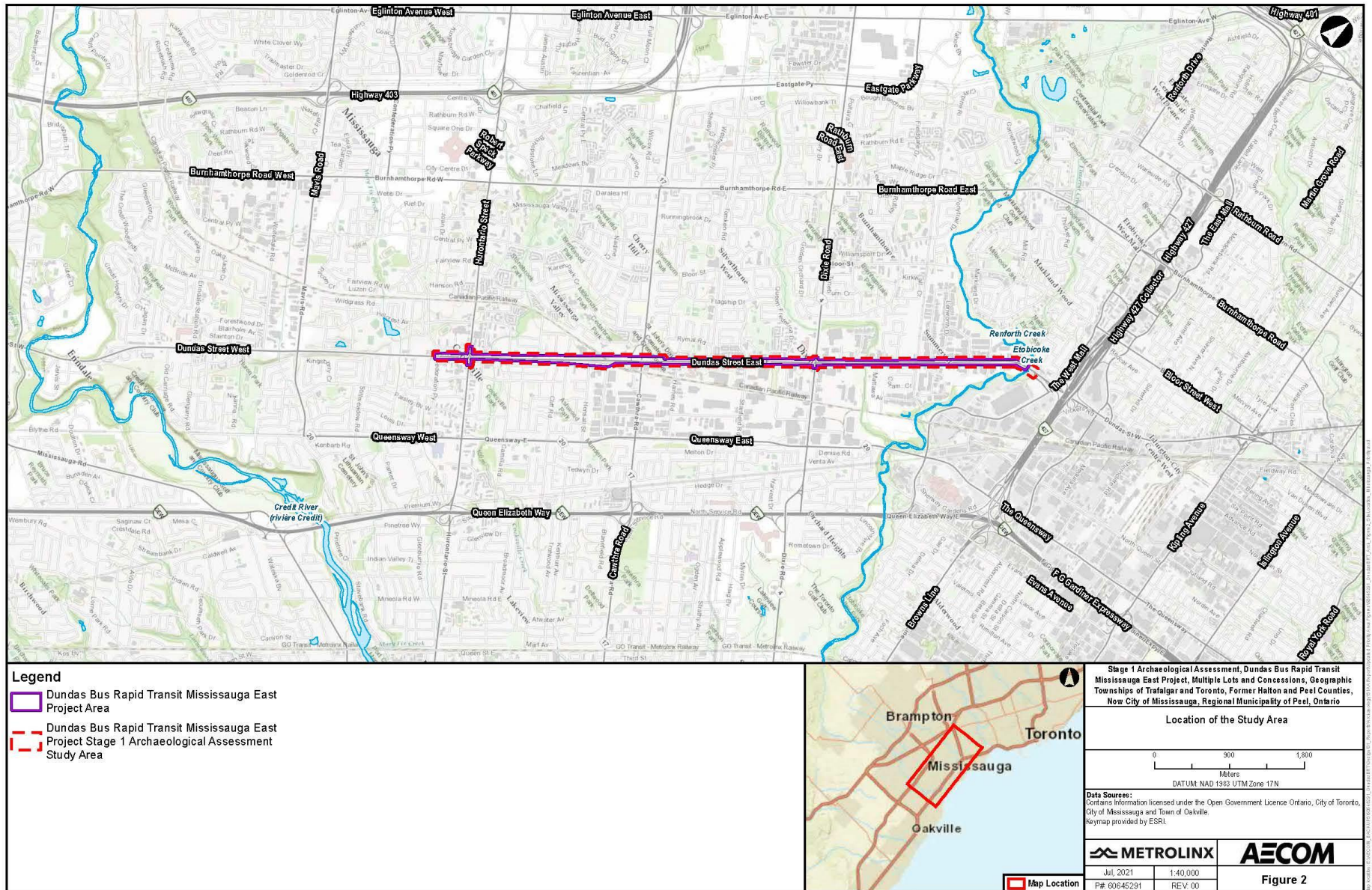
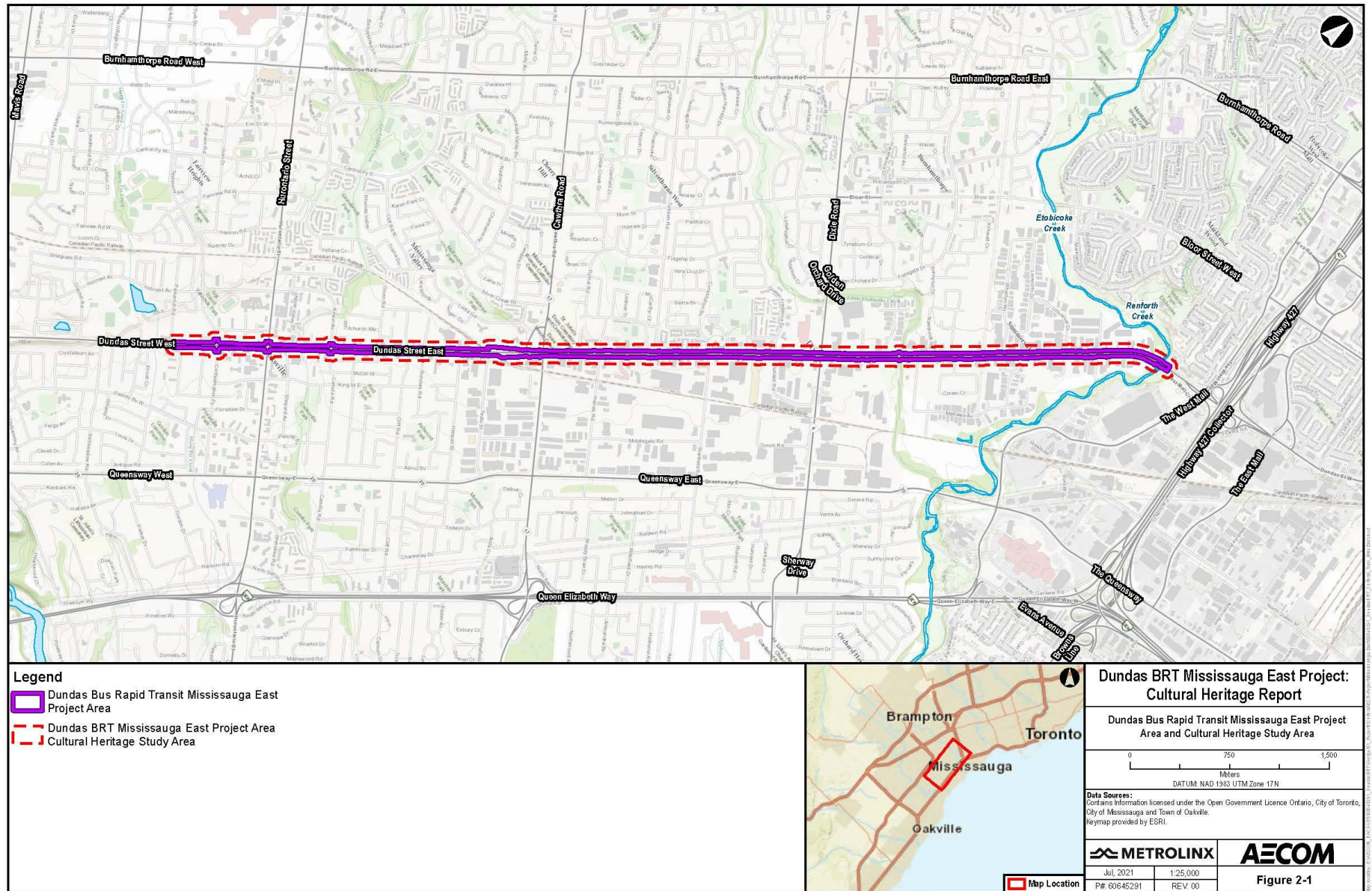


Figure 4 - Dundas BRT Mississauga East Cultural Heritage Study Area



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Stage 1 AA provides an overview of the areas having archaeological potential Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

[REDACTED]

From: Indigenous Relations
Sent: May 3, 2021 2:42 PM
To: mario gros-louis
Cc: valerie janssen; Darcy Wiltshire; Piruthuvi Thurairajah; Zul Hamzah
Subject: Dundas Bus Rapid Transit Project - Project Introduction
Attachments: [REDACTED]

Dear Mr. Gros-Louis,

Metrolinx is working to advance the Dundas Bus Rapid Transit (BRT) project through the Transit Project Assessment Process, Preliminary Design and Preliminary Design Business Case. We are evaluating the proposed bus rapid transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto.

More details about the project can be found here: <https://www.metrolinxengage.com/en/engagement-initiatives/dundasbrt>.

I have also attached a letter that provides high level details on the project, including an update on the Transit Project Assessment Process and archaeological and natural environment work planned for this year.

Metrolinx would welcome the opportunity to meet with you to provide more information and discuss any interests or questions that you may have. I am happy to meet virtually or speak by telephone if you require further information.

Please do not hesitate to contact me.

Miigwetch,

Fallon

Fallon Melander

Manager, Indigenous Relations
Metrolinx

10 Bay Street | Toronto | Ontario | M5J 2R8
437.225.0302



May 3, 2021

Grand Chief Rémy Vincent
Huron-Wendat Nation
255 Place Chef Michel Laveau

Delivered by email

Dear Grand Chief Vincent,

RE: Project Introduction - Dundas Bus Rapid Transit Project

Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx recognizes that this proposed work is situated on the treaty territory of the Mississaugas of the Credit First Nation. Metrolinx wishes to build a strong, constructive, cooperative, and mutually respectful and beneficial relationship with the Huron-Wendat Nation. Metrolinx appreciates and respects Huron-Wendat Nation's desire to be appropriately informed and aware of projects. The purpose of this letter is to share information regarding this proposed project and invite feedback regarding Huron-Wendat Nation's interest in the project and approach to engagement.

Project Description

Metrolinx is working collaboratively with our stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case (PDBC), which is the next step in Metrolinx's Business Case Lifecycle following the public release of the project's Initial Business Case in 2020.

The purpose of the Dundas BRT Project is to evaluate the proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Study Area

The Project's study area is along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto. An image of the proposed alignment can be found in **Figure 1**.

Dundas BRT Project History

The timeline below outlines the history of this project to date:

- 2010 Dundas Street Rapid Transit Benefits Case Analysis, Metrolinx
- 2012 New East-West Road Corridor Class EA (Highway 6 to Brant Street), City of Hamilton
- 2013 Transportation EA Future Highway 5 / Highway 6 Interchange and Associated Municipal Roads and Commuter Parking Lot in the City of Hamilton (Clappison's Corners), Ministry of Transportation
- 2012-2019 Class Environmental Assessments Dundas Street (Brant Street to Highway 403), Halton Region
- 2015 Kipling Bus Terminal Study, Metrolinx
- 2016-2018 Dundas Connects Study, City of Mississauga
- 2018 City of Mississauga's Dundas Connects Master Plan, endorsed by City of Mississauga Council
- 2018 Dundas BRT was recognized in Metrolinx's 2041 Regional Transportation Plan as in-development project
- 2020 407 Transitway TPAP Study, Ministry of Transportation
- 2020 Dundas BRT Initial Business Case, Metrolinx
- 2021 Metrolinx and the City of Mississauga began work on the Preliminary Design (PD), Transit Project Assessment Process (TPAP) and Preliminary Design Business Case (PDBC) and reintroduced the project to the community

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.

- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Dundas BRT Infrastructure Alignment as Proposed by the Initial Business Case

Previous work studying the Dundas Corridor will be incorporated into this project. Several Municipal Class Environmental Assessments have been completed in Halton and Hamilton. This includes various road widening projects where, in Halton Region, the curb lanes include provision to accommodate potential high occupancy vehicle or bus-only lanes in the future. The [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018, identified the following, which will be further explored as part of the current work:

- The type of transit suitable for the corridor
- Opportunities for enhanced connectivity along the corridor
- Streetscape design and active transportation facilities
- Initial design solutions to constrained sections of the corridor (pinch points)

Figure 3 shows the Dundas BRT Infrastructure Alignment as Proposed by the IBC.

The Preliminary Design Business Case (PDBC) is the next step in the business case process and builds upon the work done in the Initial Business Case. The PDBC will assist in refining the service plan for the corridor and identify risks and barriers that may impact the project. Metrolinx will be completing the Preliminary Design Business Case concurrently with the Transit Project Assessment Process for the City of Mississauga portion of the project.

Current Status

The project impacts will be assessed following the Transit Project Assessment Process (TPAP) for the Toronto and Mississauga sections, as prescribed in Ontario Regulation 231/08 under the Environmental Assessment Act. As part of the TPAP, an Environmental Project Report (EPR) will be prepared for public review. Metrolinx and the City of Mississauga are completing environmental studies in Toronto and Mississauga to identify the baseline conditions, determine any potential for impacts and propose measures to mitigate potential negative impacts.

The general approach for the Halton and Hamilton section is being considered through to the Preliminary Design Business Case will be to utilize the existing/planned cross-section, provide transit priority and bus service in high occupancy vehicle lanes and/or convert the curbside lane into a dedicated BRT lane. The Dundas BRT project will consider curbside bus stop locations, designs and consider requirements for buses turning on and off the corridor to select destinations, queue jump lanes, and transit signal priority.

Anticipated Field Surveys and Studies

The following environmental field surveys and studies that are anticipated to be completed to support this project. Approximate timing of the work outlined below, however is subject to change based on a number of factors, including approvals and weather:

- Air Quality Impact Assessment (no field work)
 - Includes operations and construction emissions modelling and mitigation strategies
- Arborist Report - Toronto Section, Eastern portion of Mississauga Section (Summer 2021)
 - Tree details within the study area
- Arborist Report - Mississauga Section (Spring 2022)
 - Tree details within the study area
- Archaeological Assessment (AA) Stage 1 (Spring 2021)
 - Stage 1 AA provides an overview of the areas having archaeology potential
- Cultural Heritage Report (CHR) (Spring 2021)
 - Identifies properties that have the potential for heritage resources and mitigation strategies
- Limited Phase I Environmental Site Assessment Report (Spring 2021)
 - Identifies actual and/or potentially contaminating activities along the alignment/corridor and the proposed associated infrastructure (study area)
- Natural Environment (Spring 2021)
 - Ecological Land Classification
 - Breeding Bird Surveys
 - Significant Wildlife Habitat and Species-at-Risk screening
- Noise and Vibration Impact Assessment (no fieldwork)
 - Summarizes potential noise and vibration effects and mitigation strategies
- Socio-Economic and Land Use Study (Spring 2021)
 - An overview of the social and economic characteristics and potential effects

Archaeology

The Stage 1 AA will provide information about the geography, history previous archaeological fieldwork and current land condition pertaining to the Study Area to evaluate the archaeological potential in detail. A Stage 1 AA will describe the results of all background research and field review and will contain all necessary photographic and cartographic documentation. Metrolinx will ensure that Huron-Wendat Nation has an opportunity to review and provide comments on the Stage 1 AA prior to submission to the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).

The need for any further archaeological work, such as a Stage 2 AA, will be identified in the Stage 1 AA results. Metrolinx will ensure that Huron-Wendat Nation will be invited to participate in any Stage 2 or higher fieldwork and will keep Huron-Wendat Nation apprised of the status of archaeological work and schedule as environmental assessments continue to be completed.

Preliminary Design

The preliminary design phase will build upon the pre-planning completed as part of the TPAP for Toronto and Mississauga. In this phase, the project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design level. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits in order to reduce the site-specific impacts identified in the TPAP. The preliminary design will generate the analytic information to feed the PDBC that will be completed by the project team to allow Metrolinx to make evidence-based investment decisions.

Project Timeline

- **Project Launch and Initiation of Preliminary Environmental Studies - 2020**
- Impact Assessment Studies - Summer 2020 to Summer 2021
- Public Meeting Round #1 - April 19 - 30, 2021
- Public Meeting Round #2 - Summer 2021
- Draft EPR Addendum Preparation - Summer 2021
- **Notice of EPR Addendum - Fall 2021**
- Public Meeting Round #3 - Fall 2021
- 30-day public and stakeholder review
- 35-day Minister's review
- **Preliminary Design Business Case - 2022**



Next Steps

Metrolinx is working to gather details about the existing environmental conditions of the Toronto and Mississauga sections of the corridor. We are also developing a corridor design and design alternatives to the constrained sections of the corridor. This information is anticipated to be prepared and available by summer 2021.

Transit Project Assessment Process (TPAP) next steps include:

- Complete existing conditions mapping and reporting.
- Prepare environmental impact and mitigation measures as part of the final Environmental Project Report (EPR)
- Public engagement
- Prepare for commencement of TPAP
- EPR preparation

Preliminary Design next steps include:

- Develop design at pinch points
- Select and analyze preferred alternative
- Develop preferred corridor design for TPAP

Engagement

Metrolinx would appreciate knowing about any interest Huron-Wendat Nation may have in the Project. Metrolinx would welcome the opportunity to meet with Huron-Wendat Nation to provide more information and discuss any interests or questions that your Nation may have. Please let us know how best we might engage with Huron-Wendat Nation.

Additional Information

For additional information regarding this project, including public meeting related materials, please visit: <http://metrolinxengage.com/dundasbrt>.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com. We kindly request that you notify us of your interest in this project and how you may wish to engage with Metrolinx, in writing, by **June 7, 2021**.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.



Yours Truly,

A handwritten signature in dark ink, appearing to read 'f. melander'.

Fallon Melander
Manager, Indigenous Relations Office

cc: Mario Gros-Louis, Huron-Wendat Nation
Valerie Janssen, Huron-Wendat Nation
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx
Piruthuvi Thurairajah, Project Coordinator, Environmental Programs &
Assessment, Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 1 - Proposed Dundas BRT Alignment

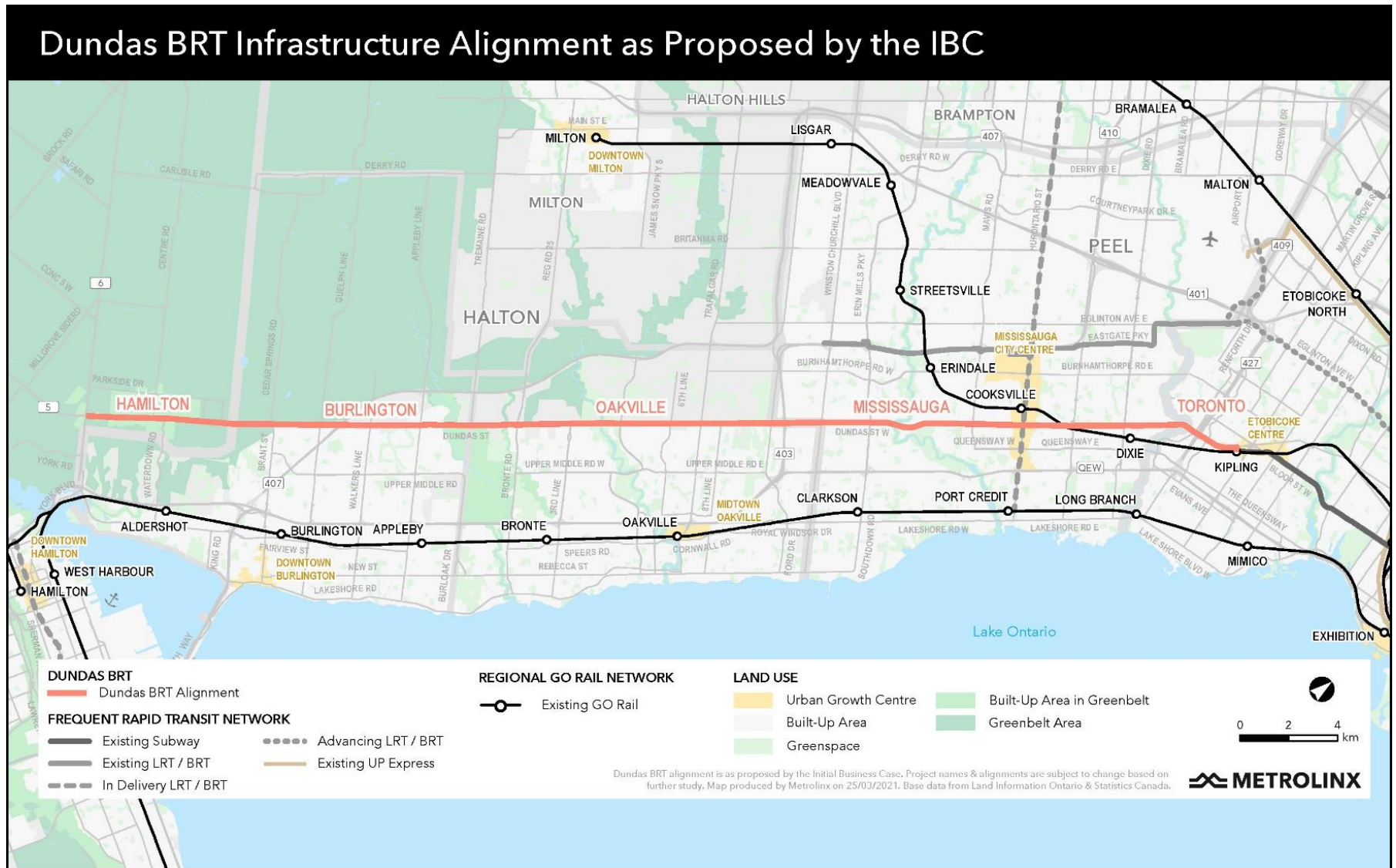


Figure 2 - Dundas BRT - Jurisdictional Boundaries

Dundas BRT Infrastructure Alignment as Proposed by the IBC

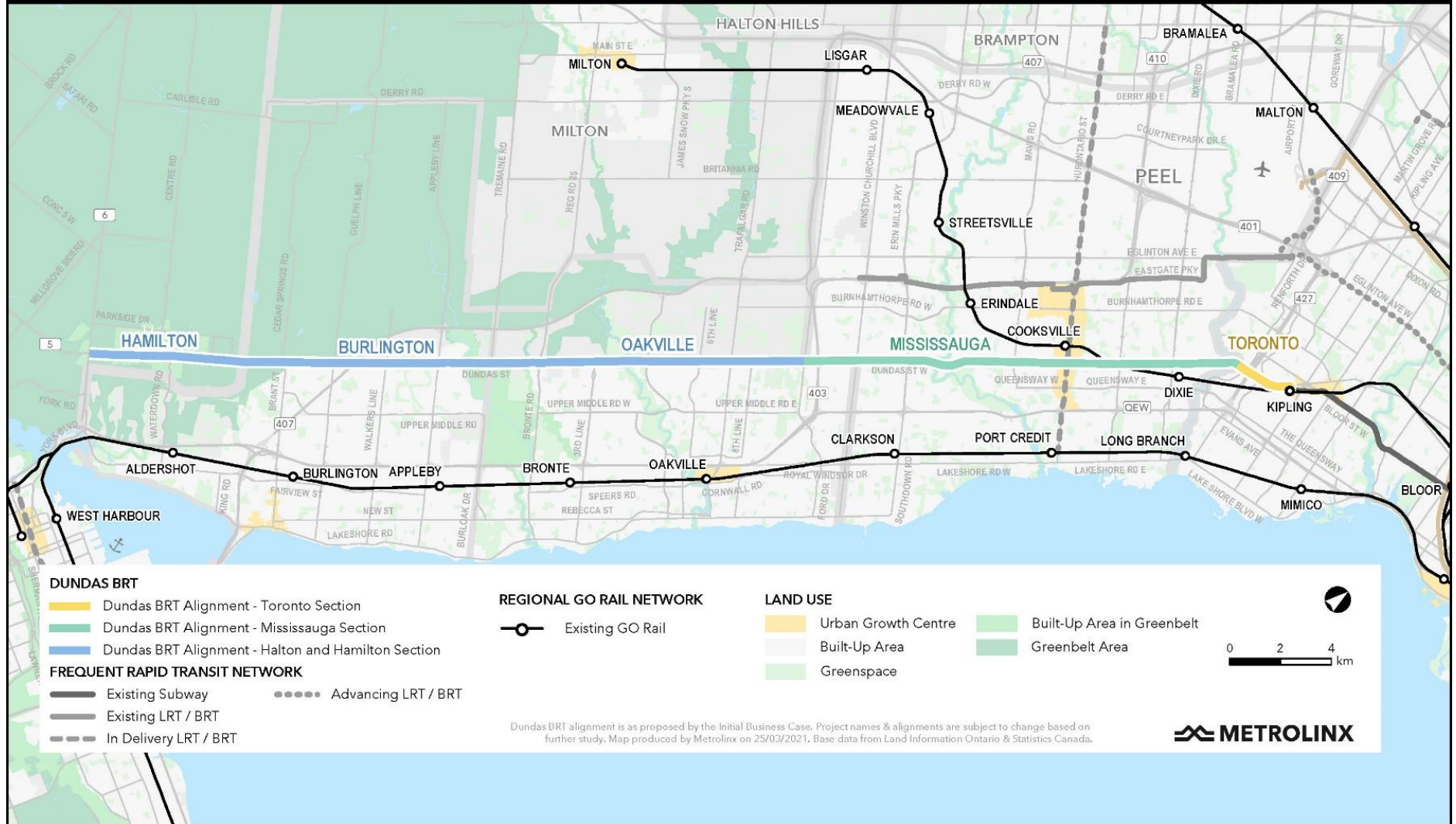
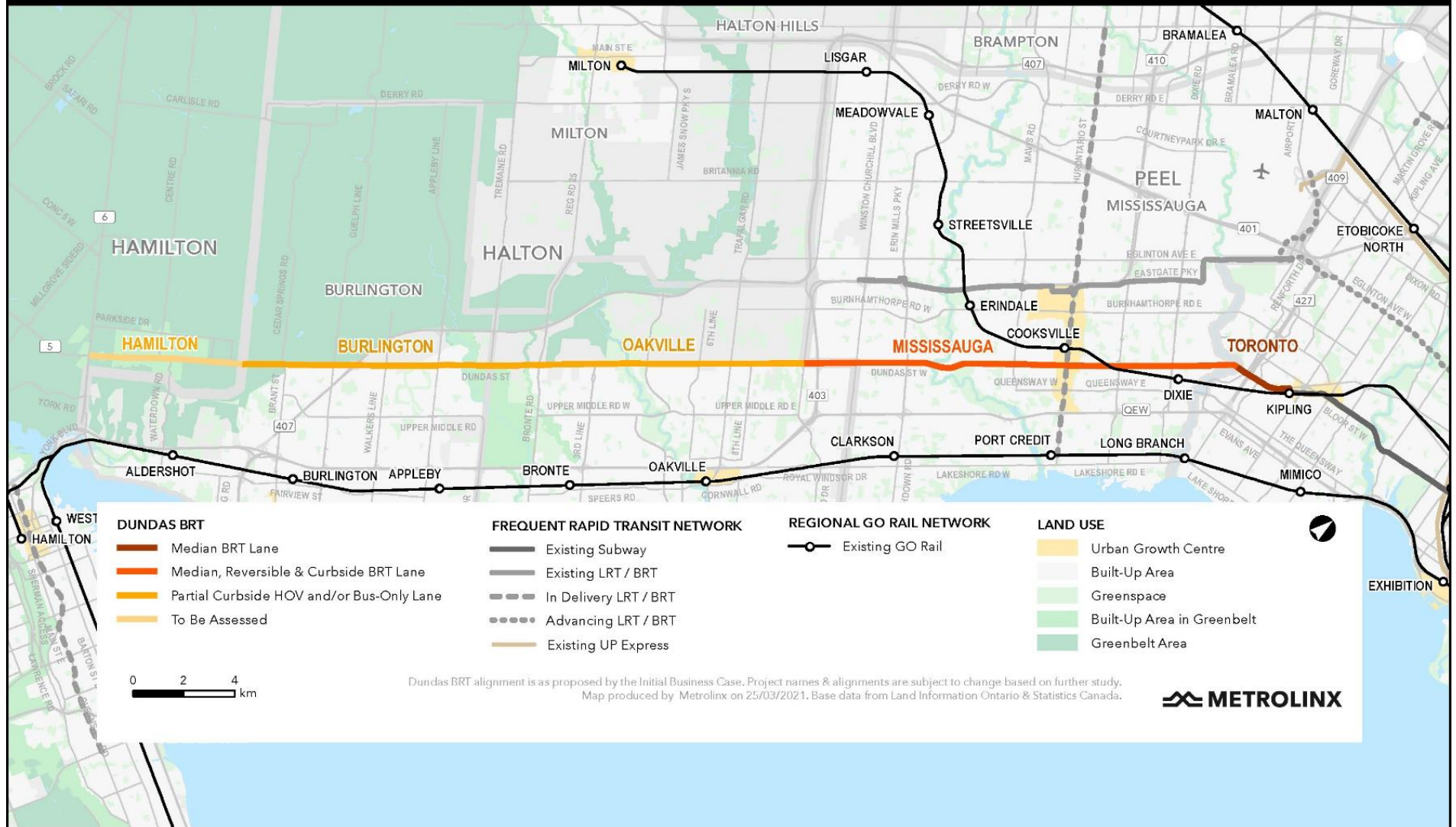



Figure 3 - Dundas BRT Infrastructure Alignment as Proposed by the IBC

Dundas BRT Infrastructure Alignment as Proposed by the IBC



Indigenous Nations Correspondence Record

- **Mississaugas of the Credit
First Nation**

From: [Indigenous Relations](#)
To: [Adam LaForme](#)
Cc: [Mark LaForme](#); [Tarek Elhadadeen](#); [Darcy Wiltshire](#); [Nasim Bozorgmehr](#); [Paul Niejadlik](#)
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports
Date: February 4, 2022 3:10:53 PM
Attachments: 

Hello Adam and Team,

I am reaching out to let you know that the final three Draft Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project are now available for your review. They can be accessed using the following link:




Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.


Again, we apologize for the shorter than normal timeline for the review of these reports. Please do not hesitate to reach out if you would like to discuss ways in which the IRO can support with your review.

Thank you for your time and assistance. Have a lovely weekend.

Marilyn

Marilyn Stoye, M.Ed *(she/her)*
Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342



From: [Adam LaForme](#)
To: [Indigenous Relations](#)
Cc: [Mark LaForme](#); [Tarek Elhadadeen](#); [Darcy Wiltshire](#); [Nasim Bozorgmehr](#); [Paul Niejadlik](#)
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports
Date: February 14, 2022 3:52:38 PM
Attachments: 

Some people who received this message don't often get email from adam.laforme@mncfn.ca.
[Learn why this is important](#)

EXTERNAL SENDER: Do not click any links or open any attachments unless you trust the sender and know the content is safe.
EXPÉDITEUR EXTERNE: Ne cliquez sur aucun lien et n'ouvrez aucune pièce jointe à moins qu'ils ne proviennent d'un expéditeur fiable, ou que vous ayez l'assurance que le contenu provient d'une source sûre.

Hi Marilyn,

Not a problem.

The Draft CHERs are currently being reviewed, we should get back to you with any comments by the end of the day tomorrow.

Thank you for your patience,

Adam LaForme (he/him)
Archaeological Operations Supervisor



Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Cell 289-527-2763

From: Indigenous Relations <IndigenousRelations@metrolinx.com>
Sent: February 14, 2022 3:34 PM
To: Adam LaForme <Adam.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Hi Adam,

I hope all is well on your end! I wanted to follow up with you about any comments you may have on the Dundas BRT Draft CHERs?

Again, I apologize for the short deadline on these.

Thank you!

Marilyn

Marilyn Stoye, M.Ed (*she/her*)

Community Relations & Issues Specialist, Indigenous Relations

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

C: 437-688-5342



From: Adam LaForme <Adam.LaForme@mncfn.ca>

Sent: January 31, 2022 10:03 AM

To: Indigenous Relations <IndigenousRelations@metrolinx.com>

Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>

Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

EXTERNAL SENDER: Do not click any links or open any attachments unless you trust the sender and know the content is safe.
EXPÉDITEUR EXTERNE: Ne cliquez sur aucun lien et n'ouvrez aucune pièce jointe à moins qu'ils ne proviennent d'un expéditeur fiable, ou que vous ayez l'assurance que le contenu provient d'une source sûre.

Good Morning Marilyn,

Both CHER's have been added to our que for our review. Thank you for continuing to share project information with MCFN.

Regards,

Adam LaForme (he/him)

Archeological Operations Supervisor



Mississaugas of the Credit First Nation (MCFN)

Department of Consultation and Accommodation (DOCA)

4065 Highway 6 North, Hagersville, ON N0A 1H0

Cell 289-527-2763

From: Indigenous Relations <IndigenousRelations@metrolinx.com>

Sent: January 28, 2022 2:28 PM

To: Adam LaForme <Adam.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Hello Adam and Team,

I wanted to follow up with you regarding the Draft Cultural Heritage Evaluation Reports (CHERs), as outlined below, for the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project. As mentioned, we will be sharing the CHERs with your Nation as they become available to us. To that end, the second set of CHERs is now available at the following link:

Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

Thank you for your time and assistance. Please do not hesitate to reach out with any questions or concerns.

Best,
Marilyn

Marilyn Stoye, M.Ed (*she/her*)
Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342

From: Indigenous Relations
Sent: January 25, 2022 12:20 PM
To: Adam LaForme <Adam.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>
Subject: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Dear Adam and Team,

Metrolinx continues to advance the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project. Attached is a letter outlining and inviting review of six Draft Cultural Heritage Evaluation Reports (CHERs).

Metrolinx is in the process of conducting the CHERs for each property and wishes to share with Mississaugas of the Credit First Nation for review, as we receive them. The first CHER is available at the following Dropbox link, and we will continue to reach out to your Nation directly, as the following five CHERs become available.



Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

We appreciate the larger volume of these CHERs than what is typically shared in close succession, and the shorter than normal timeframe for review. If there is any way that the IRO can support your review of these documents, we are happy to arrange a meeting to discuss strategies. We appreciate your continued patience as we continue to work through our business processes to ensure a more lengthy review time for such documents in the future.

If you have any questions or concerns, please feel free to reach out to me at any time. Thank you for your time and assistance.

Thank you,

Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715



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January 25, 2022

Adam LaForme
Mississaugas of the Credit First Nation
2789 Mississauga Road RR #6
Hagersville, ON N0A 1H0
Delivered by email

Dear Mr. LaForme,

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Cultural Heritage Evaluation Reports (CHERs)

Metrolinx remains committed to meaningful consultation and engagement, especially where our projects have impacts to the Treaty and traditional lands of Mississaugas of the Credit First Nation. Metrolinx values its relationship with Mississaugas of the Credit First Nation and it is our wish to continue to work with your Nation as we move forward. The purpose of this letter is to invite Mississaugas of the Credit First Nation to review six Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Mississaugas of the Credit First Nation on this project.

Project Description

Metrolinx, a regional transportation agency, is overseeing the proposed Dundas Bus Rapid Transit (BRT) Project.

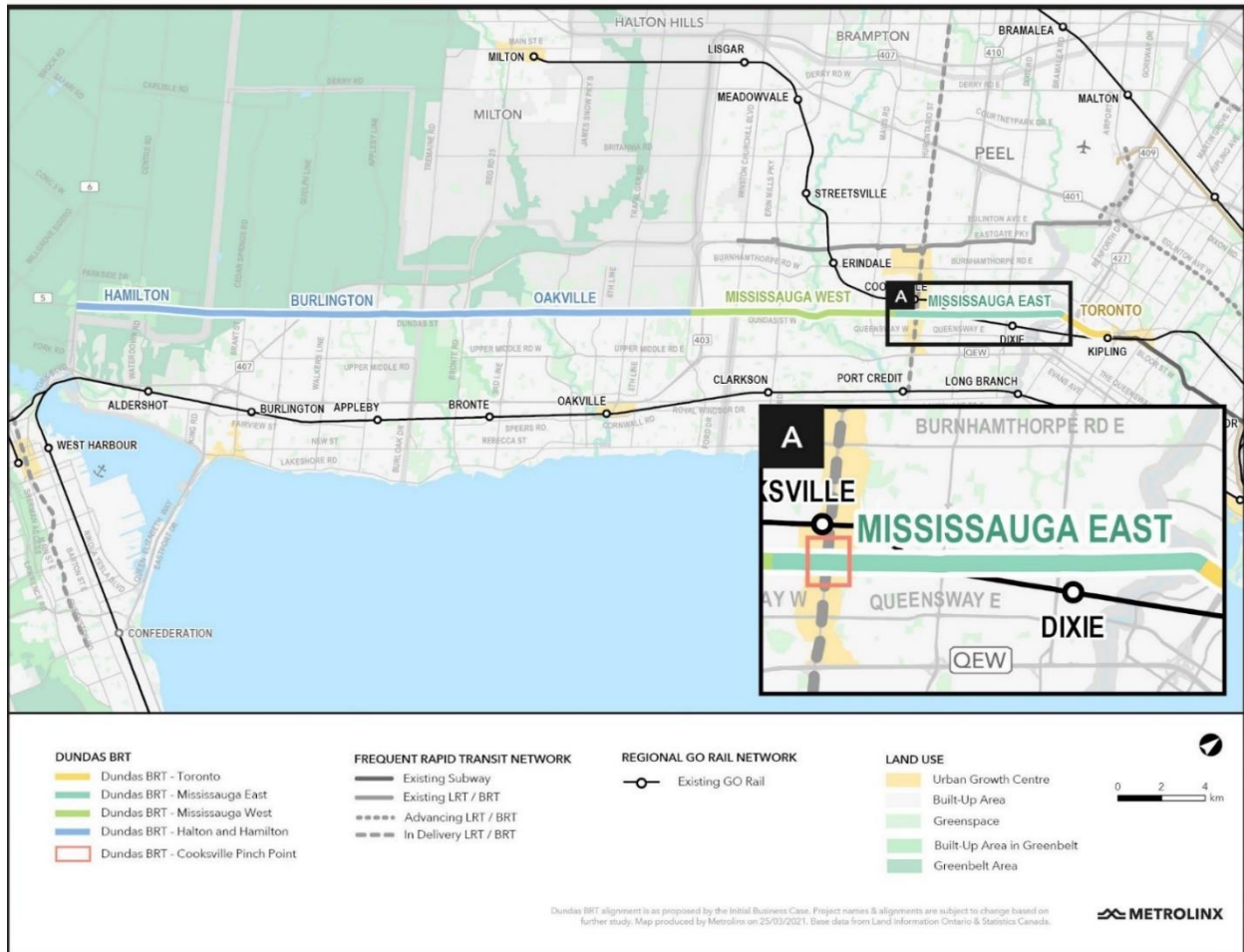
The Dundas BRT project is a proposed transportation corridor along a 48 kilometer stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

A letter was previously sent to the Mississaugas of the Credit First Nation on May 3, 2021 as an introduction to the Dundas BRT project with an update on the status of the project provided on August 25, 2021. The draft Environmental Project Report (EPR) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project was sent out to the Mississaugas of the Credit First Nation on Oct 15, 2021. The Notice of Commencement was sent out on Dec10,2021.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that provides a defined framework for assessing the potential environmental impacts of a proposed transit project, in this case the Dundas Bus Rapid Transit Mississauga East Project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Please see **Table 1** below for the project and TPAP timeline.

Table 1: Project and TPAP Timeline

Project Introduction Letter	May, 2019
Virtual Engagement Round #1	Start:19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement • Starts the up to 120 day period	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21 , End: 22-Feb-22*
Notice of Completion • EPR review period (30 days) • Minister's review of EPR (35 days)	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Location Maps are available in **Appendix A**

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared with the Mississaugas of the Credit First Nation for review and comment on August 26, 2021.

Based on the preliminary assessment in Cultural Heritage Report (CHR), it was recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for six (6) built heritage resources. Metrolinx is in the process of conducting the Cultural Heritage Evaluation Reports for each property and wishes to share with Mississaugas of the Credit First Nation for review, as we receive them. A summary of the properties and their location is found below.

Built Heritage Resource/Cultural Heritage Landscape Ref.	Location/Address	Date of Submission
BHR 1	202 Dundas Street West	January 28th
BHR 2	196 Dundas Street West	February 4th
BHR 4	51, 55-57 Dundas Street West	January 28th
BHR 5	47 Dundas Street West	February 4th
BHR 6	37 Dundas Street West	February 4th
BHR 7	14 Dundas Street East	January 25th

Comments received prior to February 14, 2022 can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process. We recognize that these timelines for review are short and appreciate your continued patience as we continue to work through our business processes to ensure a lengthier review time for such documents in the future.

We ask that the Mississaugas of the Credit First Nation please provide comments on all six CHERs by **February 14, 2022**

The first CHER is available at the following Link:

Link:



Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Mississaugas of the Credit First Nation for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep the Mississaugas of the Credit First Nation informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared this draft report with the Mississaugas of the Credit First Nation for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. Metrolinx acknowledges that the Mississaugas of the Credit First Nation should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that the Mississaugas of the Credit First Nation may have in relation to the Dundas Bus Rapid Transit Mississauga East Project and/or the Cultural Heritage Evaluation Reports (CHERs). Metrolinx would also welcome the opportunity to meet with the Mississaugas of the Credit First Nation to provide more information and discuss any interests or questions that your Nation may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders. We extend an open invitation to members of the Mississaugas of the Credit First Nation to participate in the fourth Public Information Centres, however, this would not preclude any request from the Mississaugas of the Credit First Nation to meet with Metrolinx directly.

Metrolinx is committed to building a long-term relationship with Mississaugas of the Credit First Nation, and we recognize that this requires transparency and meaningful engagement. We appreciate that we still have much work to do in this regard and we hope to move forward in a good way. We appreciate your patience as we continue to move forward in a mutually beneficial way.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,



Paul Niejadlik
Manager, Environmental Programs and Assessment
Metrolinx

cc: Mark LaForme, Director, Department of Consultation & Accommodation, Mississaugas
of the Credit First Nation
Indigenous Relations Office, Metrolinx
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Appendix A

Figure 1 Map of Known and Potential Built Heritage Within Study Area

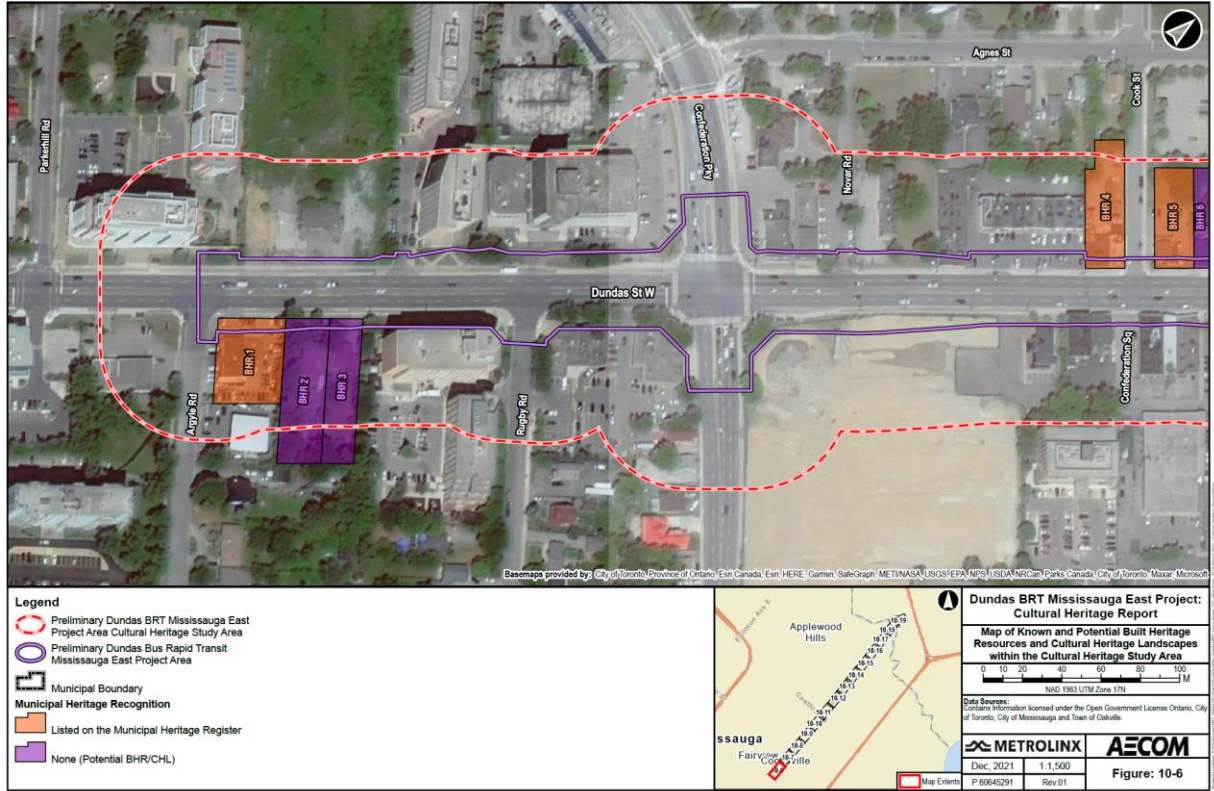



Figure 2 Map of Known and Potential Built Heritage Within Study Area



From: [Indigenous Relations](#)
To: [Fawn Sault](#)
Cc: [Mark LaForme](#); [Paul Niejadlik](#); [Darcy Wiltshire](#); [Tarek Elhadadeen](#); [Nasim Bozorgmehr](#)
Subject: Dundas BRT: Notice of Commencement
Date: December 10, 2021 1:02:11 PM
Attachments: 

Dear Fawn,

Metrolinx continues to advance the Dundas Bus Rapid Transit Project (BRT). The project has been split into several segments each of which are being assessed individually, through the Transit Project Assessment Process (TPAP). Metrolinx wishes to inform you that it is issuing a Notice of Commencement for the Mississauga East portion of this project, which begins the up to 120 day review period under the TPAP. Please find attached a letter outlining the project and the Notice of Commencement.

A Draft Natural Environment Report was completed for this project and shared for review and comment on October 15, 2021. As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations. The final versions of these reports, with all comments addressed, will be available for review during the 30-day review period in March 2022.

Metrolinx remains committed to meaningful consultation and engagement, especially where our projects have impacts to the Treaty and traditional lands of your Nation. Metrolinx values its relationship with Mississaugas of the Credit First Nation and has learned much about your Nation and its expectations over the past several months. It is our wish to continue to work with your Nation as we move forward.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please feel free to contact our team at any time.

Thank you,

Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715



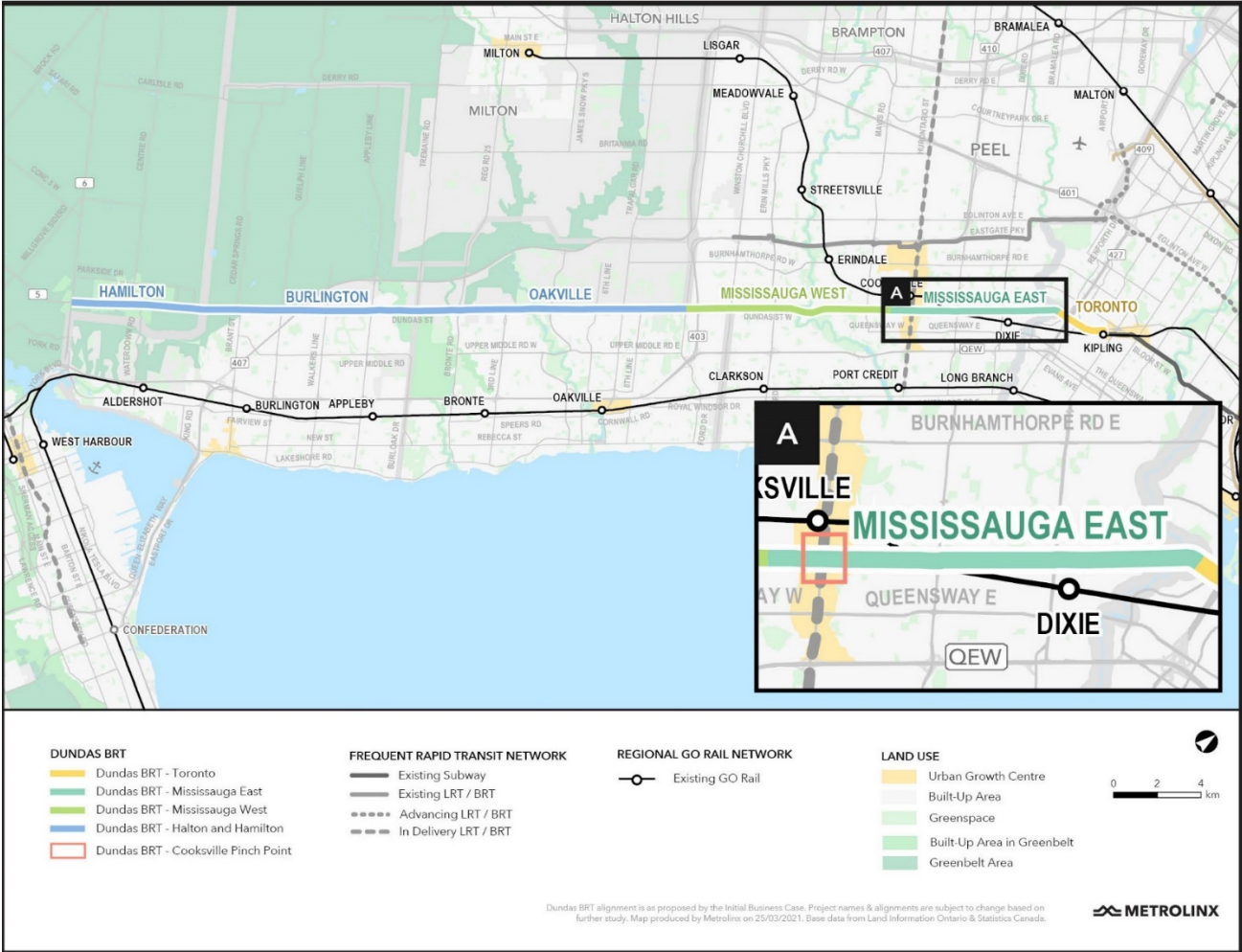
Notice of Commencement

Dundas Bus Rapid Transit (BRT) Mississauga East Project - Transit Project Assessment Process (TPAP)

Metrolinx, in collaboration with the City of Mississauga, is continuing to advance planning for the Dundas Bus Rapid Transit (BRT) corridor by commencing the Transit Project Assessment Process (TPAP) for the Dundas BRT Mississauga East (between Etobicoke Creek and Confederation Parkway) Project, in accordance with Ontario Regulation 231/08.

The Project

The Dundas BRT Project is a proposed transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres of this 48 kilometre municipal transit project would operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. This notice is for the Mississauga East (between Etobicoke Creek and Confederation Parkway) seven kilometre segment of the corridor (herein referred to as the Dundas BRT Mississauga East Project).



The Process

The TPAP, as prescribed in Ontario Regulation 231/08 made under the *Environmental Assessment Act*, is now commencing for the Mississauga East segment of the proposed Dundas BRT Project. The TPAP is a proponent-driven, self-assessment process that provides a defined framework to follow to complete the accelerated assessment of the potential environmental effects and decision-making within the regulated assessment timeline. As part of the TPAP, a Dundas BRT Mississauga East Environmental Project Report (EPR) is being prepared. Following this period, interested persons will have an opportunity to review the EPR during a regulated 30-day period, followed by a regulated 35-day review period by the Minister of the Environment, Conservation and Parks.

Consultation

We thank everyone for their feedback to date. In January, Metrolinx will host virtual Public Engagement 3 for the Dundas BRT Mississauga East Project, where you will have the chance to:

- Review what we heard during Public Engagement 2 and how feedback was incorporated;
- Review and comment on environmental study results, including potential impacts and proposed mitigation measures, as part of the TPAP;
- Learn about how the design for the Cooksville pinch point and the remainder of the Mississauga East segment has been optimized to reduce potential impacts; and
- Connect with the Project Team and review next steps for the Project.

Public Engagement 3

Virtual Metrolinx Live meeting: Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.

Register for and attend this virtual event on Metrolinx Engage at
www.MetrolinxEngage.com/DundasBRT

Online Engagement will be open from Tuesday, **January 18** to Tuesday, **February 1**, 2022

Participants will be able to provide feedback on Dundas BRT Mississauga East Project materials using the 'Ask-A-Question' function before, during and after the Metrolinx Live meeting and by completing an online feedback form. Following Public Engagement 3, the Project Team will consider the input received, prepare the Dundas BRT Mississauga East EPR, and publish the Notice of Completion. The Dundas BRT Mississauga East EPR will then be available for public review and comment.

Provide Feedback

Stay involved with the Dundas BRT Project. We have a dedicated Community Relations team for each region available to answer your questions and receive your feedback at any time.

Email us at:

- TorontoWest@metrolinx.com
- Peel@metrolinx.com
- HaltonRegion@metrolinx.com
- Hamilton@metrolinx.com

If you have project-related questions, would like to request hard copies of consultation materials, require accessibility accommodations or would like to provide input, please contact the Community Relations team from your region (above), or call (416) 202-7500.

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please visit metrolinx.com/en/aboutus/privacy.aspx or contact the Senior Privacy Officer for Metrolinx at 416-202-5941.

This Notice was first published on **December 10, 2021**.

Aussi disponible en français. Pour plus d'informations, veuillez contacter Peel@metrolinx.com.



December 10, 2021

Chief Stacey R. LaForme
c/o Ms. Fawn Sault
Mississaugas of the Credit First Nation
2789 Mississauga Road RR #6
Hagersville, ON N0A 1H0
Delivered by email

Dear Ms. Sault,

Subject: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Notice of Commencement

Metrolinx seeks to continue to build a strong and meaningful relationship with Mississaugas of the Credit First Nation. Metrolinx appreciates and respects that Mississaugas of the Credit First Nation should be appropriately informed and aware of projects. The purpose of this letter is to announce formal commencement of the Transit Project Assessment Process (TPAP) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Mississaugas of the Credit First Nation on this project.

Project Description

As previously communicated on May 3, 2021, Metrolinx is overseeing the proposed Dundas Bus Rapid Transit (BRT) project. The Dundas BRT proposes a dedicated transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.
- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

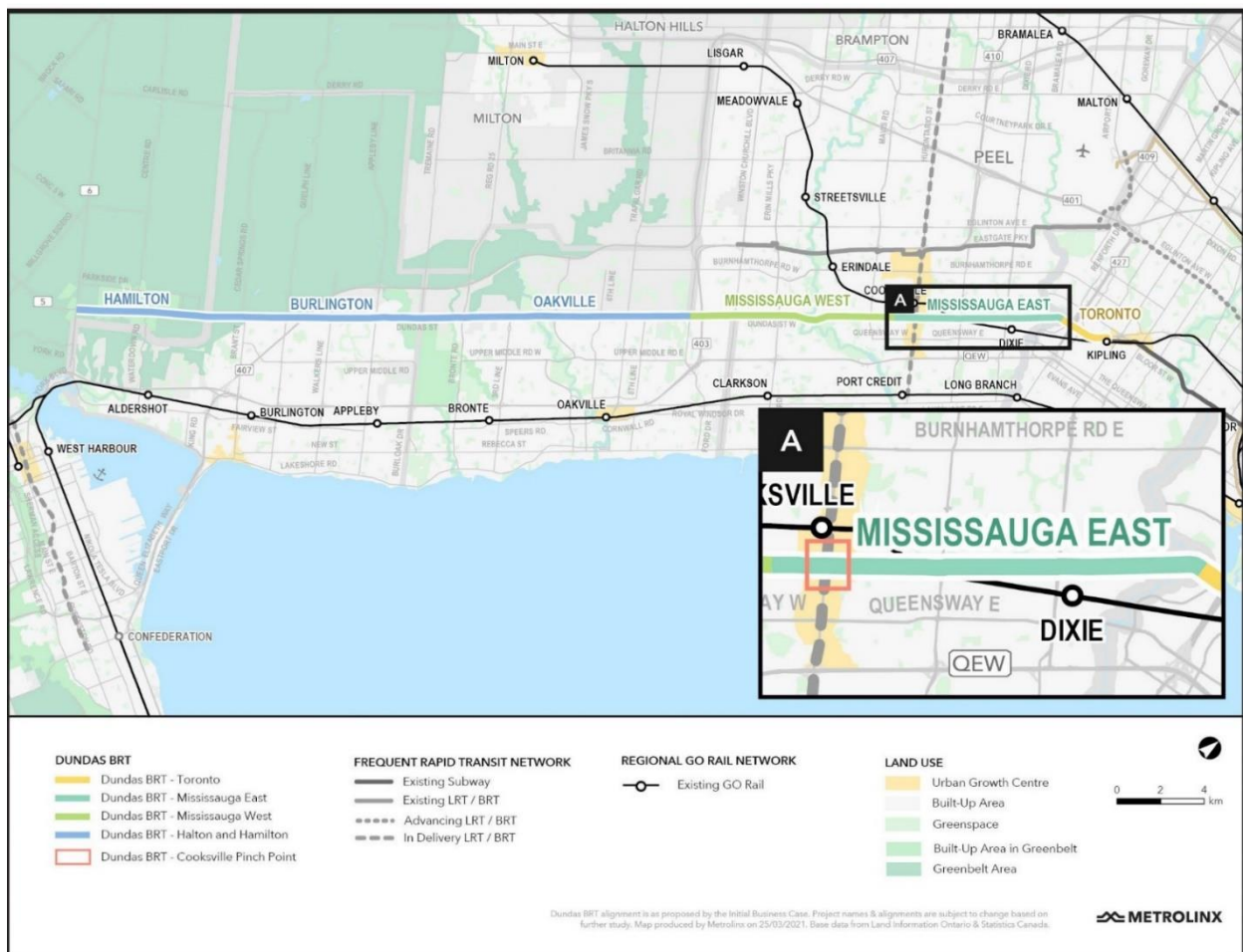
Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed

following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that provides a defined framework for assessing the potential environmental impacts of a proposed transit project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Table 1: Project Study Areas

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

This letter serves as notice that Metrolinx is formally commencing the TPAP for the Mississauga East portion of the project. The Notice of Commencement is provided as **Attachment 1**. The attached Notice of Commencement will be available on the Project webpage at www.MetrolinxEngage.com/DundasBRT as of December 10, 2021.

Please see **Table 2** below for the project and TPAP timeline for the Dundas BRT Mississauga East Project.

Table 2: Project and TPAP Timeline- Dundas BRT Mississauga East Project.

Project Introduction Letter	May, 2021
Virtual Engagement Round #1	Start:19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement <ul style="list-style-type: none"> Starts the up to 120 day period 	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21, End: 22-Feb-22*
Notice of Completion <ul style="list-style-type: none"> EPR review period (30 days) Minister's review of EPR (35 days) 	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Mississaugas of the Credit First Nation for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed, and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be shared with Mississaugas of the Credit First Nation for review, and available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep Mississaugas of the Credit First Nation informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas BRT Mississauga East Project and shared this draft report with Mississaugas of the Credit First Nation for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been noted that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA found that there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. The work is not anticipated to be completed until the detailed design phase. Metrolinx will ensure that Mississaugas of the Credit First Nation is invited to participate in the Stage 2 AA fieldwork and will send more details as they become available.

Metrolinx acknowledges that Mississaugas of the Credit First Nation should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas BRT Mississauga East Project and shared with Mississaugas of the Credit First Nation for review and comment on August 26, 2021.

The Cultural Heritage Report (CHR) found there to be a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes within the grading limits of the proposed design, which are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended that a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. This is subject to change based on design refinements that may reduce the number of resources anticipated to be impacted.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that Mississaugas of the Credit First Nation may have in relation to the Dundas Bus Rapid Transit project, including the Mississauga East portion and/or the Notice of Commencement. Metrolinx would welcome the opportunity to meet with Mississaugas of the Credit First Nation to provide more information and discuss any interests or questions that Mississaugas of the Credit First Nation may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders.

We extend an open invitation to members of Mississaugas of the Credit First Nation to participate in the fourth Public Information Centre, however, this would not preclude any request from Mississaugas of the Credit First Nation to meet with Metrolinx directly.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,



Paul Niejadlik
Manager, Environmental Programs and Assessment

Metrolinx

cc: Mark LaForme, Director, Department of Consultation & Accommodation, Mississaugas
of the Credit First Nation
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Tarek Elhadadeen, Project Coordinator, Environmental Programs & Assessment,
Metrolinx
Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Encl. Dundas Bus Rapid Transit Project: Notice of Commencement

Indigenous Relations

From: Fawn Sault <Fawn.Sault@mncfn.ca>
Sent: December-01-21 4:21 PM
To: Indigenous Relations
Cc: Adrian Blake
Subject: RE: Metrolinx Environmental and Archaeological Assessment Forecast December 2021

EXTERNAL SENDER: Do not click any links or open any attachments unless you trust the sender and know the content is safe.
EXPÉDITEUR EXTERNE: Ne cliquez sur aucun lien et n'ouvrez aucune pièce jointe à moins qu'ils ne proviennent d'un expéditeur fiable, ou que vous ayez l'assurance que le contenu provient d'une source sûre.

Good Afternoon Jaimi,

At this time we have no comments on the Ontario Line Draft EIAR, Yonge North Subway Extension Draft EPR and IAR, or the Dundas Bus Rapid Transit Report.

I will reach out to the Arch unit to see if they have any comments on the arch reports below.

Miigwech,

Fawn Sault (she/her)
A/Director of DOCA - Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: <http://mncfn.ca/>
Ph: 905-768-4260
Cell:289-527-6580

From: Indigenous Relations <IndigenousRelations@metrolinx.com>
Sent: Wednesday, December 1, 2021 4:10 PM
To: Fawn Sault <Fawn.Sault@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>
Subject: Metrolinx Environmental and Archaeological Assessment Forecast December 2021

Dear Fawn,

On behalf of the Environmental Programs and Assessments Teams here at Metrolinx, the Indigenous Relations Office wanted to provide you with a forecast of project reports, notices and letters that are anticipated to come for the month of December 2021. It is attached to this email.

We wanted to follow up with you regarding any comments your Nation may have on the following reports:

Subways

1. Ontario Line

- a. Draft Environmental Impact and Assessment Report (EIAR)
Comments due **December 6, 2021**

2. Yonge North Subway Extension

- a. Draft EPR Addendum and Impact Assessment Reports
Comments due **December 9, 2021**

Rapid Transit

1. Dundas Bus Rapid Transit (BRT)

- a. Draft Environmental Project Report (EPR), including Draft Natural Environment and Arborist Reports
Comments due **November 26, 2021**

2. Kitchener King-Victoria Transit Hub (KVTH)

- a. Draft Stage 1 AA Report
Comments due **December 10, 2021**

GO Expansion

1. Lakeshore East

- a. Stage 2 AA Report for 61 Milne Ave and 3555 Danforth Ave
Comments due **December 28, 2021**

Stations

1. Existing Stations Renovations (ESR)

- a. Draft Stage 1 AA
Comments due **December 17, 2021**

We appreciate the volume of reports being sent to your Nation by Metrolinx and welcome meeting with you to discuss how we might support the review. If you have any questions or concerns, we would be happy to arrange a meeting to discuss.

We sincerely appreciate your time,

Thank you,
Jaimi

Jaimi O'Hara
Acting Manager, Indigenous Relations
Metrolinx

10 Bay Street | Toronto | Ontario | M5J 2R8
416.356.9715

This e-mail is intended only for the person or entity to which it is addressed. If you received this in error, please contact the sender and delete all copies of the e-mail together with any attachments.

From: [Indigenous Relations](#)
To: [Fawn Sault](#)
Cc: [Mark LaForme](#); [Paul Niejadlik](#); [Darcy Wiltshire](#); [Zul Hamzah](#)
Subject: RE: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review
Date: November 22, 2021 1:13:42 PM
Attachments: 

Dear Fawn,

I hope you are doing well and enjoyed your weekend!

I wanted to follow up with you in regards to the Dundas BRT Environmental Project Report found in the email below. We would very much appreciate any comments or feedback you may have to share on the report. The deadline to share comments is this **Friday, November 26, 2021**.

Thank you!

Marilyn

Marilyn Stoye (*she/her*)

Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342



From: Indigenous Relations
Sent: October 15, 2021 11:57 AM
To: Fawn Sault <Fawn.Sault@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Zul Hamzah <Zul.Hamzah@metrolinx.com>
Subject: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review

Dear Fawn,

Metrolinx continues to progress its environmental studies for the Dundas Bus Rapid Transit Project.

Attached you will find a letter outlining the Draft Environmental Project Report and draft Natural Environment and Arborist Reports prepared for the Dundas BRT -

Mississauga East TPAP. We have also pulled out and attached the Natural Environment Impacts and Mitigations table from the broader report for ease of reference.

We ask that your Nation provide any comments no later than November 26, 2021.

The reports are available at the following link:



If you have any questions or concerns, please feel free to reach out to me at any time.

Thank you,

Jaimi O'Hara

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

From: [Fawn Sault](#)
To: [Indigenous Relations](#)
Cc: [Mark LaForme](#); [Paul Niejadlik](#); [Darcy Wiltshire](#); [Zul Hamzah](#)
Subject: RE: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review
Date: October 18, 2021 12:51:14 PM

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Miigwech Jaimi

From: Indigenous Relations <IndigenousRelations@metrolinx.com>
Sent: Friday, October 15, 2021 11:57 AM
To: Fawn Sault <Fawn.Sault@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Zul Hamzah <Zul.Hamzah@metrolinx.com>
Subject: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review

Dear Fawn,

Metrolinx continues to progress its environmental studies for the Dundas Bus Rapid Transit Project.

Attached you will find a letter outlining the Draft Environmental Project Report and draft Natural Environment and Arborist Reports prepared for the Dundas BRT - Mississauga East TPAP. We have also pulled out and attached the Natural Environment Impacts and Mitigations table from the broader report for ease of reference.

We ask that your Nation provide any comments no later than November 26, 2021.

The reports are available at the following link:

[REDACTED]

If you have any questions or concerns, please feel free to reach out to me at any time.

Thank you,

Jaimi O'Hara

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

Attachment 1 - Natural Environment Mitigations

Natural Environment Effects Assessment

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
Wildlife	Disturbance, displacement, or mortality of wildlife	<ul style="list-style-type: none"> • Prior to construction wildlife exclusionary fencing will be installed and investigation of the Project Footprint for wildlife and wildlife habitat that may have established following the completion of previous surveys will be undertaken, as appropriate. • If wildlife is encountered a qualified biologist will be contacted to define measures to be implemented to avoid destruction, injury, or interference with the species, and/or its habitat.
Migratory Breeding Birds, Nests and Species at Risk	Disturbance, mortality or destruction of migratory birds and/or nests.	<ul style="list-style-type: none"> • All works must comply with the <i>Migratory Birds Convention Act</i> (MBCA), <i>Endangered Species Act</i> (ESA) and <i>Species at Risk Act</i> (SARA), including conservation strategies. • Construction works and vegetation removals should be completed outside of the bird breeding season (i.e. April 1 - August 31), if possible, to ensure incidental take or harm to migratory birds, SAR and their critical habitat does not occur. • If construction activities are scheduled during the nesting season (April 1st to August 31st), a breeding bird and nest search will be undertaken by a qualified biologist to confirm that no SAR are nesting on structures, banks or vegetation that may be affected by construction activities, no more than 48 hours prior to removal. If possible, the area will be netted prior to nesting season to dissuade use of these areas for nesting. • Where loss or disturbance cannot be avoided (e.g., due to work on bridges or banks), all requirements under the ESA will be met, including any registration, compensation, replacement structures and/or permitting requirements. If a nest of a migratory bird is found outside of this nesting period (including a ground nest) it still receives protection.
Soil	Erosion, compaction, drainage alterations, soil mixing, bank degradation, soil contamination	<ul style="list-style-type: none"> • A Soil Management Plan (SMP) will be prepared by a Qualified Professional. • Erosion and Sediment Control (ESC) measures will be implemented prior to project construction and maintained during the construction phase in accordance with an ESC Plan. • Spill Prevention and safe Hazardous Materials Handling measures will be implemented prior to project construction and maintained during the construction phase in accordance with a Spill Prevention and Contingency Plan and a Hazardous Materials and Fuel Handling Plan. • Disturbed areas within the construction site will be stabilized and re-vegetated.
Watercourses, Hydrological Features and Aquatic Environment	Loss of aquatic and riparian habitat, water quality degradation and flow alterations	<ul style="list-style-type: none"> • ESC measures will reduce impacts to habitat and hydrological features. • In -water work, if required, will take place outside of the sensitive timing windows for warmwater fish species.

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
		<ul style="list-style-type: none"> • If in -water or vernal pool work will occur during construction, the area will be isolated using cofferdams and dewatered in accordance with a Dewatering Plan prepared during detailed design. • Fish and wildlife removals will be conducted by qualified biologists in isolated areas prior to dewatering and relocated, unharmed, to suitable habitat outside of the work area. • Riparian vegetation removal will be kept at a minimum. • Fuel and equipment requiring fuel will be stored in designated areas only, a minimum of 30m from watercourses/ water bodies, and refueling is to occur at least 30 m from watercourses/ water bodies; if this distance cannot be maintained, a spill tray is to be placed under the fueling point.
Vegetation	Loss of vegetation communities, tree removals, proliferation of invasive species, habitat loss	<ul style="list-style-type: none"> • A Vegetation Management Plan shall be developed to identify site specific vegetation management including the delineation of vegetation removal zones, timing restrictions, revegetation protocols; removal and preventing the spread of invasive/noxious vegetation, and other mitigation measures. • If a tree requires removal or injury, compensation and permitting/approvals (as required) will be undertaken in accordance with Metrolinx's <i>Vegetation Guideline</i> (2020) while mitigating potential impacts to sensitive species, and features. Works will comply with all applicable bylaws for tree removals, injury and protection (e.g., City of Mississauga's Public and Private Tree Bylaws (0254-2012)). • Equipment will be thoroughly cleaned, approved seed mixes will be used for revegetation, and proper stockpiling and soil removal measures will be followed. • Trimming and clearing of trees will be kept at a minimum and in a manner that minimizes physical damage and promotes quick wound closure and regeneration. • An International Society of Arboriculture (ISA) Certified Arborist and/or licensed Landscape Architect will be responsible for carrying out tree pruning and maintenance. • Tree Protection Zone (TPZ) fencing will be established to protect and prevent tree injuries in accordance with local by-law requirements. • Efforts will be made during removal operations to prevent the spread of invasive plant species. If an invasive species is encountered, it will be removed and disposed of in an appropriate off-site location.

*A complete list of Mitigation Measures can be found in the Natural Environment Report, Section 3.2, Table 4

October 15, 2021

Chief Stacey R. LaForme
c/o Ms. Fawn Sault
Mississaugas of the Credit First Nation
2789 Mississauga Road RR #6
Hagersville, ON N0A 1H0
Delivered by email

Dear Ms. Sault,

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project, Draft Environmental Project Report (EPR), including Draft Natural Environment and Arborist Reports

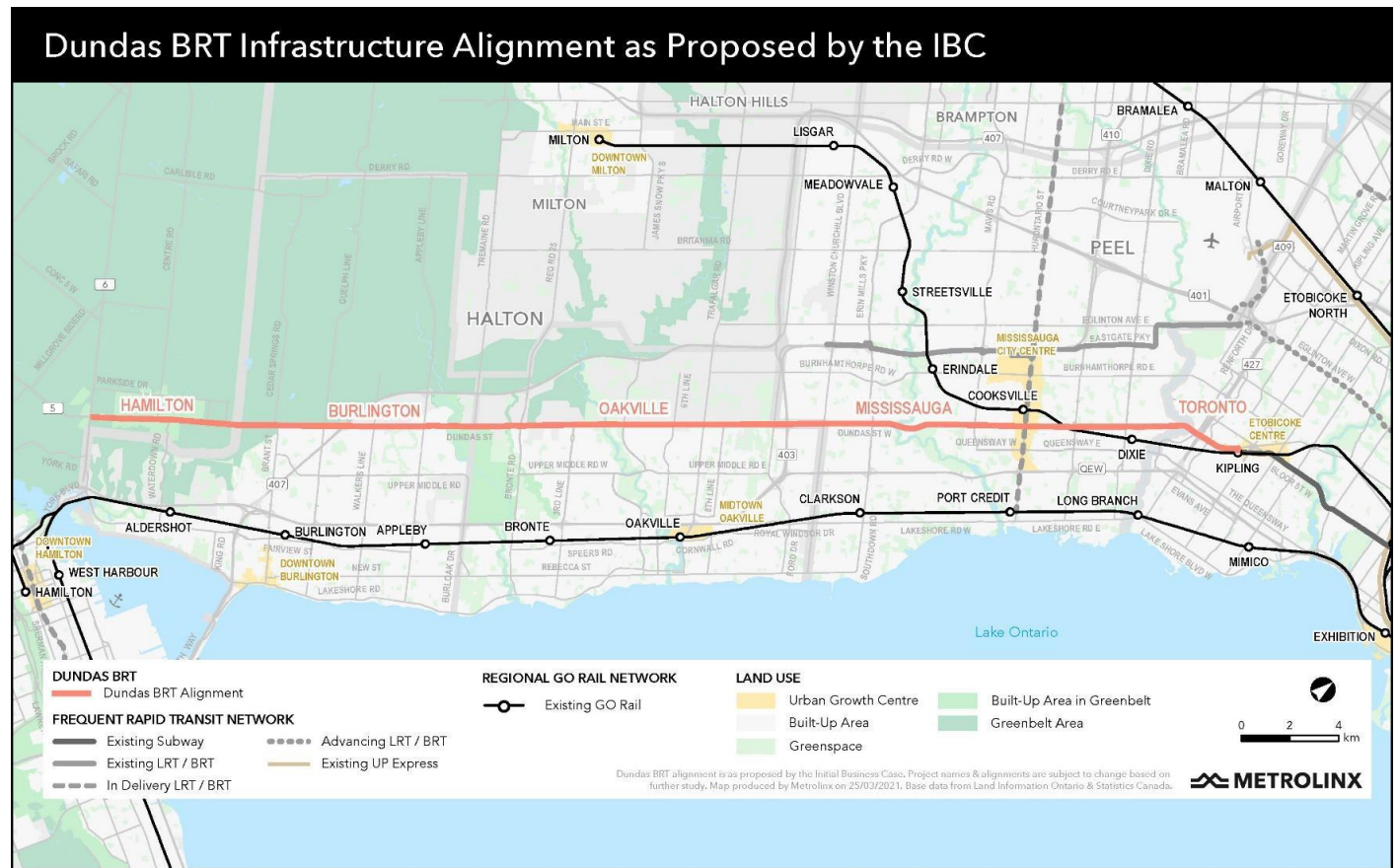
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Mississaugas of the Credit First Nation.

Metrolinx appreciates and respects Mississaugas of the Credit First Nation's desire to be appropriately informed and aware of projects. A letter was previously sent to Mississaugas of the Credit First Nation on May 3, 2021 as an introduction to the Dundas BRT with an update on the status of the project provided on August 25, 2021. The purpose of this letter is to share the draft Environmental Project Report (EPR), draft Natural Environment and Arborist Reports for the Dundas BRT Mississauga East segment with Mississaugas of the Credit First Nation for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in **Figure 1** below.

Figure 1 – Dundas BRT Study Area.



Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed

Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Mississauga East TPAP Update and Environmental Reports for Review

The Mississauga East segment is the first Transit Project Assessment Process being completed as part of the Dundas BRT project. Metrolinx has been moving ahead on the environmental assessment studies for the Mississauga East segment and has completed the draft Environmental Project Report, draft Natural Environment Report and draft Arborist Report. More information on each report is available below:

Environmental Project Report

Metrolinx has drafted the Environmental Project Report (EPR) for the Mississauga East

segment which is attached for Mississaugas of the Credit First Nation's review. This EPR documents the existing environmental conditions within the Mississauga East study area, the potential environmental impacts of the Project, recommended mitigation measures, the consultation process followed, and future commitments for the Project. The following areas were assessed:

- Natural Environment
- Air Quality
- Noise and Vibration
- Socio-Economic and Land Use
- Cultural Heritage
- Archaeology

Natural Environment

Metrolinx has completed a draft Natural Environment Report (NER) for the Mississauga East Segment which is attached for Mississaugas of the Credit First Nation's review. The purpose of the draft NER is to review the existing natural environment conditions within the Mississauga East study area, determine the potential natural environmental impacts of the project and recommend mitigation measures. Impacts to the following were explored in this report:

- Aquatic Environment
- Terrestrial Environment
- Species at Risk

The Dundas BRT Mississauga East project will encroach slightly into the natural system. As design progresses, these impacts will be minimized where possible. Details can be found in the draft Technical Reports, available in the dropbox link provided in the email. Please find a brief summary below of field studies:

Aquatic Environment

There are no in-water works associated with this project.

- I. Four watercourses occur within the study area: Cooksville Creek, Little Etobicoke Creek, Etobicoke Creek and Mary Fix Creek.
- II. Habitat observed within the Study Area is suitable to support warmwater tolerant species (i.e., Black Crappie, Brown Trout, Smallmouth Bass) and are possibly moving between Lake Ontario and habitat in Cooksville and Etobicoke Creek near the lake.
- III. The riffles with cobble substrates in Etobicoke Creek likely provide spawning habitat for several species.

Terrestrial Environment

- I. No Species at Risk (SAR) plants or vegetation communities have been observed in the Study Area during initial field investigations.
- II. The Study Area is highly urbanized and includes 21 distinct ecological units identified including Deciduous Woodlands, Mixed Meadows and Thickets. Please see Natural Environment Report (page 48-50) maps for details.

- III. 6 species of mammals and 2 species of insects were observed in the study area, all common species and secure in Ontario; a species list can be found in the Natural Environment Report (page 16).
- IV. 35 species of birds were confirmed in woodland, urban, thicket and grassland communities; a species list can be found in the Natural Environment Report (page 17-18).
- V. The Arborist Report identifies 922 trees that may be removed and 133 that may be injured with protection. However, as design progresses tree impacts should be reduced, additional details can be found in the Arborist Report (page 17-19).
- VI. Detailed restoration and compensation plans will be prepared before construction following the Metrolinx Vegetation Guide (2020), to ensure that ecological compensation is provided.

Species at Risk (SAR)

There are no impacts identified at this time for Species at Risk (SAR) other than Barn Swallows. Assessment will continue through detail design.

- I. American Eel has the potential to be found in all tributaries of Lake Ontario.
- II. Barn Swallows (Threatened):
 - a. Confirmed to be nesting on site
 - b. Etobicoke Creek bridge rehabilitation activities have the potential to negatively impact Barn Swallows during nesting season and will be mitigated to diminish any impact. Following construction, it is anticipated that the bridge will remain suitable as nesting habitat.
- III. Chimney Swift (Threatened):
 - a. Confirmed to be foraging on site
 - b. No critical habitat was observed within the Study Area
- IV. SAR Bats (Endangered) were not observed on site.
 - a. There is potential to encounter the Eastern Small-footed Myotis, Little Brown Myotis, Northern Myotis, and/or Tri-colored Bat within the treed portions of the study area.

Impacts and Mitigations

The tables found enclosed in the email (**Attachment 1**) provide a summary of the Natural Environment potential impacts and mitigation strategies identified as part of the Draft EPR that may be of interest to Mississaugas of the Credit First Nation. If Mississaugas of the Credit First Nation has any feedback about these potential impacts and/or mitigation strategies, Metrolinx would appreciate the opportunity to discuss further.

Arborist Report

Metrolinx has drafted an Arborist Report, which includes both a tree inventory and tree impact analysis, for the Mississauga East Segment which is attached for Mississaugas of the Credit First Nation's review. The purpose of the tree inventory and tree impact analysis assignment is to assess the general health and structure of onsite trees as well as determine their potential impacts, due to the project.



Based on the results of the tree impact analysis it is recommended that 922 trees will have to be removed in order to accommodate the construction of the Project whilst a further 133 trees are recommended for injury with protection, with 46 being recommended for injury and 87 for minor injury. In terms of tree compensation, 1,535 replacement trees are required to replace trees being removed within the City of Mississauga (902) and the City of Toronto (20) or injured (10) within the City of Toronto as per the *Metrolinx Vegetation Guideline* (2020).

Metrolinx welcomes any comments or feedback Mississaugas of the Credit First Nation may have on the draft Environmental Project Report, draft Natural Environment report, and draft Arborist Report. Please provide comments on these reports in writing by **November 26, 2021**.

Engagement

Metrolinx would appreciate knowing about any interest Mississaugas of the Credit First Nation may have in the Dundas BRT project. We would like to know if there are any potential impacts of the proposed project on your Mississaugas of the Credit First Nation's rights and/or interests. Metrolinx would welcome the opportunity to meet with Mississaugas of the Credit First Nation to provide more information and discuss any interests or questions that Mississaugas of the Credit First Nation may have. Please let us know how best we might engage with Mississaugas of the Credit First Nation.

Additional Information

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,

A handwritten signature in dark ink, appearing to read 'Paul Niejadlik'.

Paul Niejadlik
Manager, Environmental Programs and Assessment, Metrolinx

cc: Mark LaForme, Director, Department of Consultation & Accommodation,
Mississaugas of the Credit First Nation

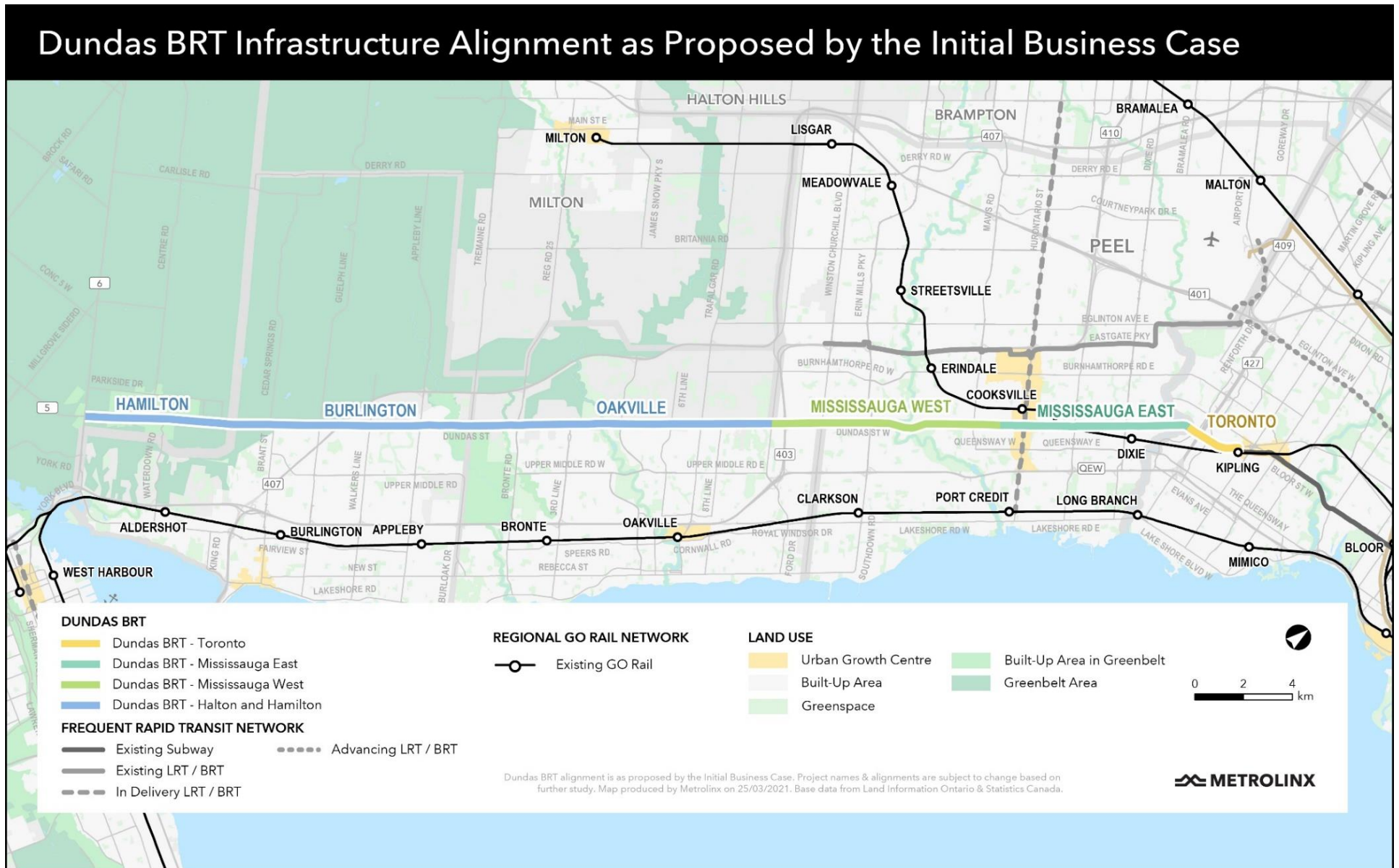


Indigenous Relations Office, Metrolinx

Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx

Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Stage 1 AA provides an overview of the areas having archaeological potential • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

From: [Indigenous Relations](#)
To: Fawn.Sault@mncfn.ca; Megan.DeVries@mncfn.ca
Cc: [Piruthuvi Thuraiarajah](#); [Darcy Wiltshire](#); [Zul Hamzah](#); [Mark LaForme](#)
Subject: Dundas BRT Project Update - Stage 1 Archeological Assessment and Cultural Heritage Report Review
Date: August 26, 2021 4:37:39 PM
Attachments: [REDACTED]

Dear Megan and Fawn,

Please find attached, a letter providing an update on the Dundas Bus Rapid Transit Project. The letter also outlines the draft Stage 1 Archaeological Assessment and Cultural Heritage Reports. The reports are available for review at the following link:

[REDACTED]
[REDACTED]

Please share any comments you may have by October 08, 2021.

[REDACTED]
[REDACTED]

If you have any questions or concerns, please feel free to reach out to me at any time. Thank you for your time and assistance.

Thank you,

Jaimi

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

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[REDACTED]

August 26, 2021

Chief Stacey R. LaForme
c/o Ms. Fawn Sault
Mississaugas of the Credit First Nation
2789 Mississauga Road RR #6
Hagersville, ON N0A 1H0
Delivered by email

Dear Ms. Sault,

RE: Dundas Bus Rapid Transit Project Update - Archaeological Assessment and Cultural Heritage Reports

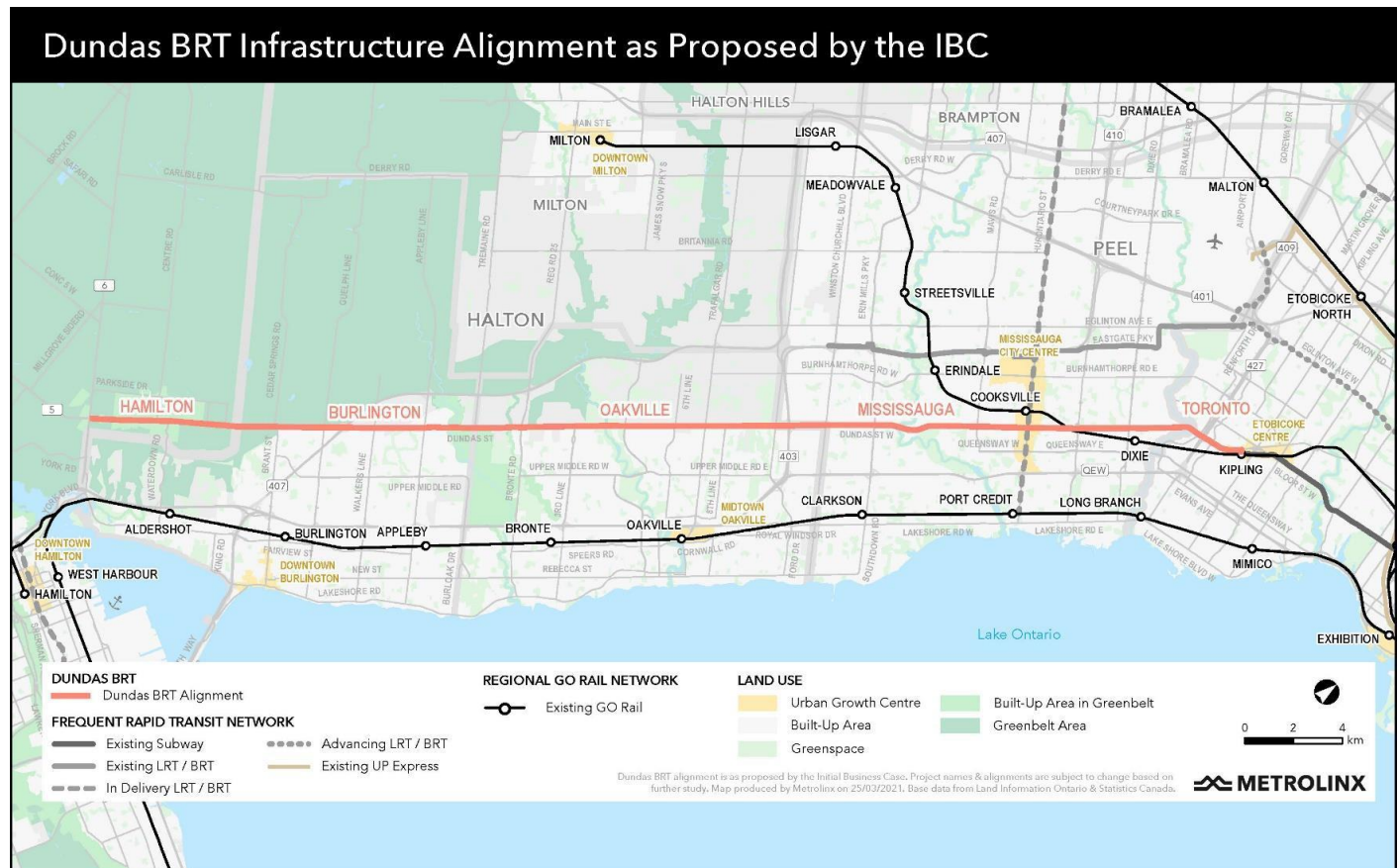
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Mississaugas of the Credit First Nation.

Metrolinx appreciates and respects Mississaugas of the Credit First Nation's desire to be appropriately informed and aware of projects. A letter was previously sent to Mississaugas of the Credit First Nation on May 3, 2021 as an introduction to the Dundas BRT. The purpose of this letter is to provide clarity on project information and share a draft Stage 1 Archaeological Assessment and Cultural Heritage Report for the Dundas BRT with Mississaugas of the Credit First Nation for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in Figure 1 below.

Figure 1 – Dundas BRT Study Area.



Project Scope

Metrolinx is working collaboratively with stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case.

The Preliminary Design and Preliminary Design Business Case will support the totality of the proposed 48-kilometre alignment of the Dundas BRT project.

- The Preliminary Design will build upon the pre-planning completed as part of the environmental assessment process outlined below. The project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits to reduce the site-specific impacts identified in the TPAP.
- The Preliminary Design will generate the analytic information to feed the Preliminary Design Business Case.
- The Preliminary Design Business Case, which is expected to be completed in April 2022, is the next step in Metrolinx's business case process and builds upon the work done in the Initial Business Case.

As indicated in Figure 1, the proposed alignment transverses multiple municipalities.

Portions of the proposed alignment have already been subject to previous environmental assessments which will inform this project, including:

- Previous assessment of the Dundas Corridor as part of the [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018.
- Environmental assessments for the Hamilton-Halton portion, which have already been completed by the region/municipalities.

Please note the procurement and construction model for this Project will be developed as part of the Preliminary Design process. As a result, future engagement following the Transit Project Assessment Process during the detailed design and construction phases of the Project may or may not be led by Metrolinx. Metrolinx is committed to ensuring the contracting authority and constructor for this project completes appropriate engagement with community during future phases of the Project.

Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

For this portion of the corridor located within the City of Hamilton, it is anticipated only operational changes will occur. An evaluation for converting the future High Occupancy Vehicle (HOV) lanes to dedicated curbside BRT lanes is underway and will be shared during future engagement. In addition to conversion of the HOV lanes to dedicated BRT lanes, potential traffic signal changes including transit signal priorities and lane changes including queue jump lanes are being explored.

Any further operational or localized design modifications contemplated by the Preliminary Design and Preliminary Design Business Case have been determined to be exempt from the TPAP (no further Environmental Assessment Act requirements) and can be addressed through the Municipal Class EA Schedule A and A+ (pre-approved) process.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Public Meeting Round #2	September 2021	September 2021	September 2021
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

*We anticipate an update to the Halton and Hamilton section to be included in public meeting round 3 anticipated for December 2021 to January 2022.

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Mississauga East segment which is attached for Mississaugas of the Credit First Nation's review. Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area, outlined in **Figure 3**.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. Metrolinx acknowledges that Mississaugas of the Credit First Nation should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Any additional archaeological assessments will occur following the TPAP as part of the detailed design and construction phases. As it is not yet known if Metrolinx will be leading the next phases of this project, we will ensure commitments to include Indigenous monitors in any future archaeological work are shared with the constructor.

Metrolinx welcomes any comments or feedback Mississaugas of the Credit First Nation may have on this draft Stage 1 AA. Should you wish to provide comments on this report, please submit your feedback in writing by **October 08, 2021**.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Mississauga East segment which is attached for Mississaugas of the Credit First Nation's review. The purpose of the draft Cultural Heritage Report (CHR) is to identify existing baseline cultural heritage conditions within the Cultural Heritage Study Area (**Figure 4**), including:

- a historical review of the development of the study area,
- completion of a field investigation,
- present an inventory of all known, and
- previously identified and potential built heritage resources and cultural heritage landscapes within the Cultural Heritage Study Area.

Thus far, a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes are within the grading limits of the proposed design and are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. It remains unclear at this stage if Metrolinx will be undertaking these reports, but we welcome any feedback Mississaugas of the Credit First Nation may have in the recommended Cultural Heritage Evaluation Reports and/or Heritage Impact



Assessments. We will endeavour to ensure any feedback is included as part of the project file.

Please submit all comments and feedback related to this draft CHR by **October 08, 2021**.

Additional Information

For your awareness, the first public engagement for the Project was held virtually from April 19 to April 30, 2021. The second public engagement will be held virtually from September 2 to September 23, 2021. The purpose of this second round of public consultation includes outlining existing environmental conditions and presenting the BRT corridor design for Mississauga.

We extend an open invitation to you and members of Mississaugas of the Credit First Nation to attend this virtual Open House, however, this would not preclude any request from you to meet with Metrolinx directly. The virtual engagement can be accessed beginning on September 2, 2021 at <http://metrolinxengage.com/dundasbrt>.

Engagement

We are committed to an open, respectful, and transparent engagement with Mississaugas of the Credit First Nation. We are happy to address any questions Mississaugas of the Credit First Nation may have about the Draft Stage 1 Archaeological Assessment and draft Cultural Heritage Report for the Dundas BRT project.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Acting Manager, Indigenous Relations at Metrolinx at IndigenousRelations@metrolinx.com.

Please note any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.

Yours Truly,

A handwritten signature in black ink, reading 'Paul Nijadlik'.

Paul Nijadlik
Manager, Environmental Programs and Assessment, Metrolinx

cc: Mark LaForme, Director, Department of Consultation & Accommodation,



Mississaugas of the Credit First Nation

Megan DeVries, Archaeological Operations Supervisor, Department of

Consultation & Accommodation, Mississaugas of the Credit First Nation

Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx

Piruthuvi Thurairajah, Project Coordinator, Environmental Programs &
Assessment, Metrolinx

Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas

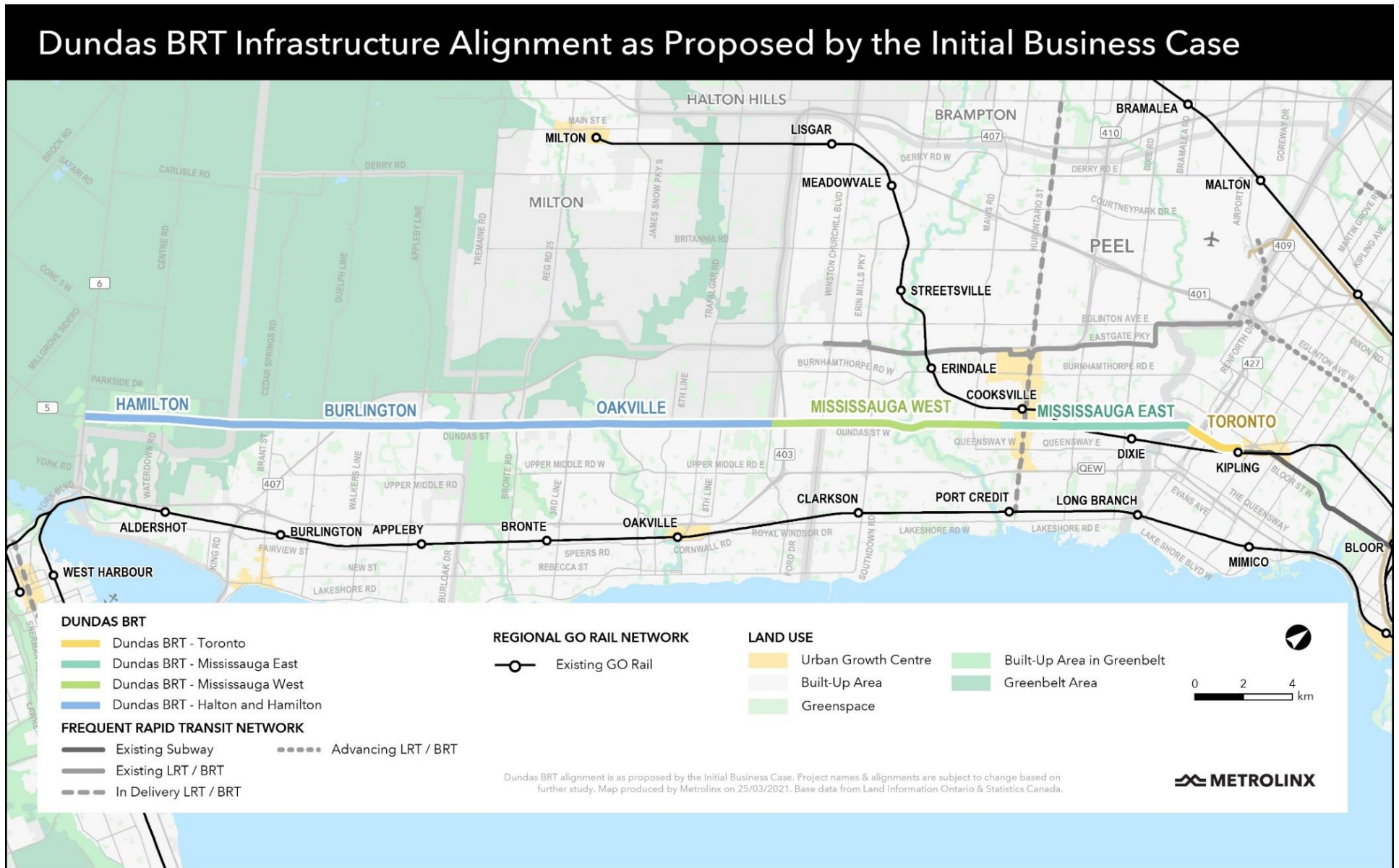


Figure 3 - Dundas BRT Mississauga East Stage 1 Archaeology Study Area

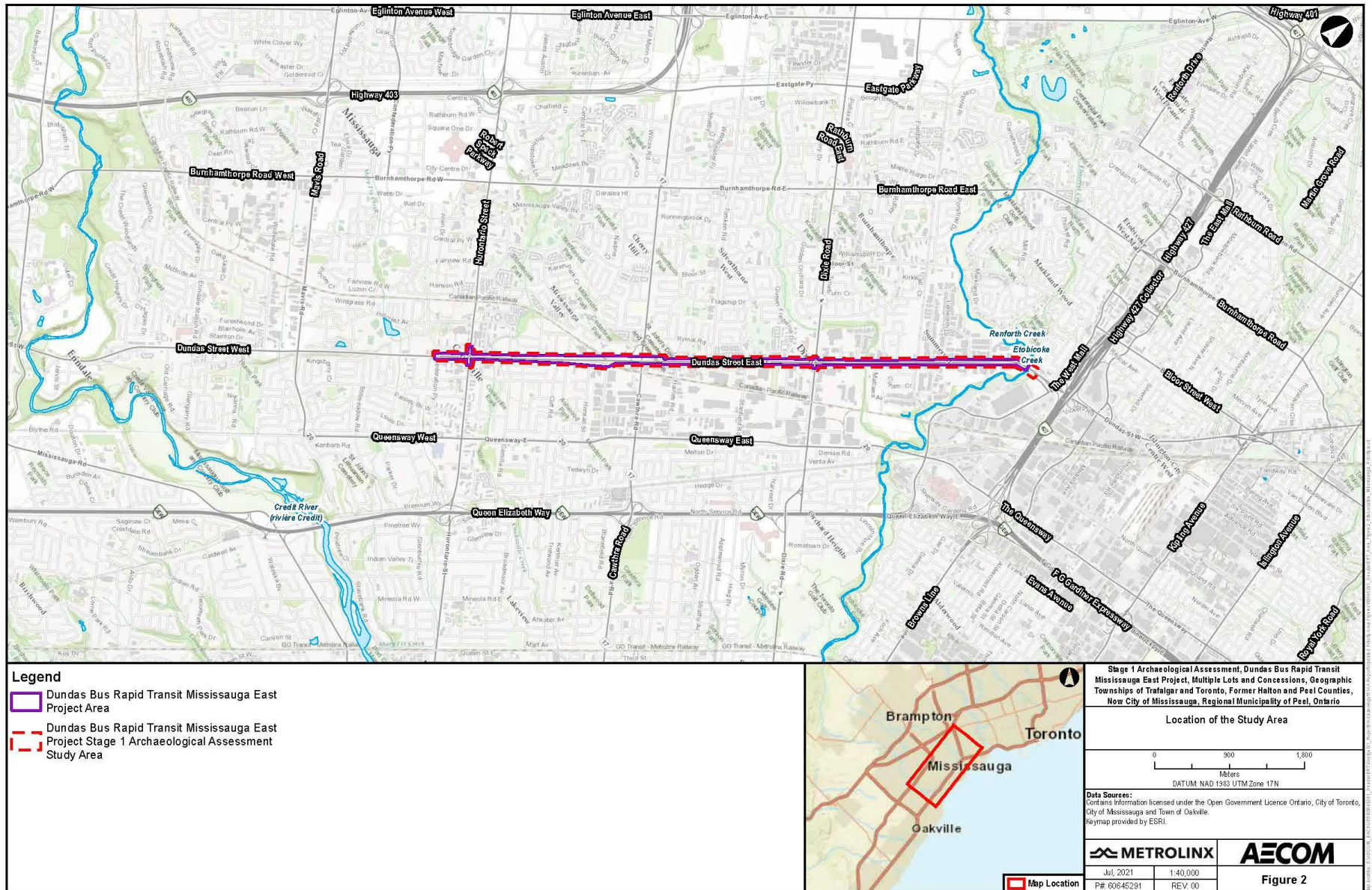
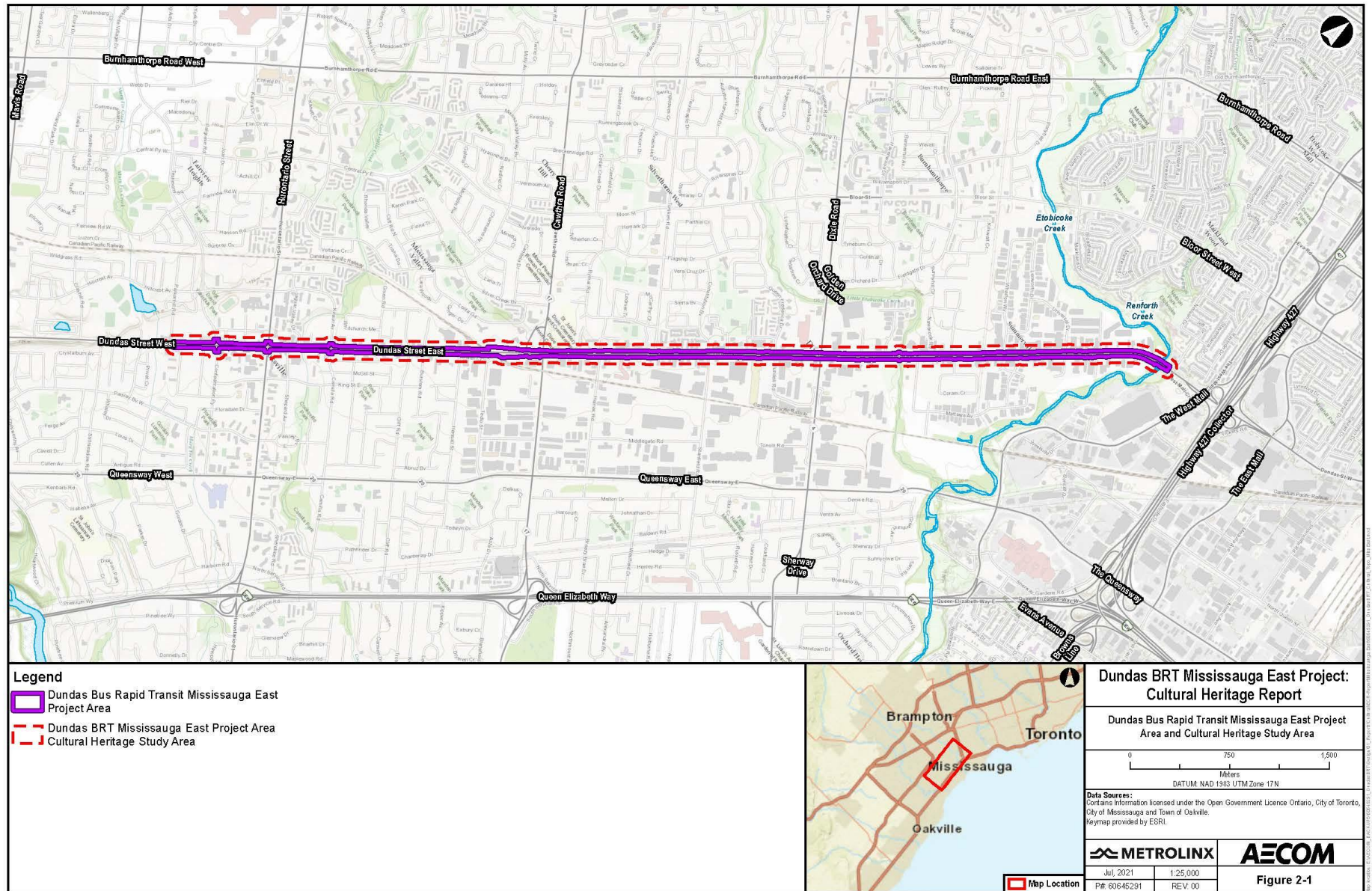


Figure 4 - Dundas BRT Mississauga East Cultural Heritage Study Area



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Stage 1 AA provides an overview of the areas having archaeological potential Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

From: [Megan DeVries](#)
To: [Indigenous Relations](#); [Fawn Sault](#)
Cc: [Mark LaForme](#); [Darcy Wiltshire](#); [Piruthuvi Thuraiarah](#); [Zul Hamzah](#)
Subject: RE: Dundas Bus Rapid Transit Project - Project Introduction
Date: Tuesday, May 4, 2021 9:24:47 AM
Attachments: [REDACTED]

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Hello Fallon,

I have no further questions from the archaeological side of things. We look forward to receiving the draft Stage 1 AA when available.

Regards,
Megan.

Megan DeVries, M.A. (she/her)
Archaeological Operations Supervisor



Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)

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From: Indigenous Relations <IndigenousRelations@metrolinx.com>

Sent: Monday, May 3, 2021 2:47 PM

To: Fawn Sault <Fawn.Sault@mncfn.ca>

Cc: Megan DeVries <Megan.DeVries@mncfn.ca>; Mark LaForme <Mark.LaForme@mncfn.ca>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Piruthuvi Thuraiarah <Piruthuvi.Thuraiarah@metrolinx.com>; Zul Hamzah <Zul.Hamzah@metrolinx.com>

Subject: Dundas Bus Rapid Transit Project - Project Introduction

Dear Fawn, Megan and Mark,

Metrolinx is working to advance the Dundas Bus Rapid Transit (BRT) project through the Transit Project Assessment Process, Preliminary Design and Preliminary Design Business

Case. Metrolinx recognizes that this project is taking place on the treaty lands of the Mississaugas of the Credit First Nation.

We are evaluating the proposed bus rapid transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto.

More details about the project can be found here:

<https://www.metrolinxengage.com/en/engagement-initiatives/dundasbrt>.

I have also attached a letter that provides high level details on the project, including an update on the Transit Project Assessment Process and archaeological and natural environment work planned for this year. [REDACTED]

Metrolinx would welcome the opportunity to meet with you to provide more information and discuss any interests or questions that you may have. I am happy to meet virtually or speak by telephone if you require further information.

We appreciate the volume of documents that Metrolinx has shared as well as the number of projects Metrolinx wishes to engage on with your Nation. As always, I remain open to hearing more your Nation about ways in which we can make engagement more meaningful.

Please do not hesitate to contact me.

Miigwetch,

Fallon

Fallon Melander

Manager, Indigenous Relations

Metrolinx

10 Bay Street | Toronto | Ontario | M5J 2R8

437.225.0302

This e-mail is intended only for the person or entity to which it is addressed. If you received this in error, please contact the sender and delete all copies of the e-mail together with any attachments.



May 3, 2021

Chief Stacey R. LaForme
c/o Ms. Fawn Sault
Mississaugas of the Credit First Nation
2789 Mississauga Road RR #6
Hagersville, ON N0A 1H0
Delivered by email

Dear Ms. Sault,

RE: Project Introduction - Dundas Bus Rapid Transit Project

Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx recognizes that this proposed work is situated on the treaty territory of the Mississaugas of the Credit First Nation. Metrolinx wishes to build a strong, constructive, cooperative, and mutually respectful and beneficial relationship with the Mississaugas of the Credit First Nation. Metrolinx appreciates and respects Mississaugas of the Credit First Nation's desire to be appropriately informed and aware of projects. The purpose of this letter is to share information regarding this proposed project and invite feedback regarding Mississaugas of the Credit First Nation's interest in the project and approach to engagement.

Project Description

Metrolinx is working collaboratively with our stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case (PDBC), which is the next step in Metrolinx's Business Case Lifecycle following the public release of the project's Initial Business Case in 2020.

The purpose of the Dundas BRT Project is to evaluate the proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Study Area

The Project's study area is along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto. An image of the proposed alignment can be found in **Figure 1**.

Dundas BRT Project History

The timeline below outlines the history of this project to date:

- 2010 Dundas Street Rapid Transit Benefits Case Analysis, Metrolinx
- 2012 New East-West Road Corridor Class EA (Highway 6 to Brant Street), City of Hamilton
- 2013 Transportation EA Future Highway 5 / Highway 6 Interchange and Associated Municipal Roads and Commuter Parking Lot in the City of Hamilton (Clappison's Corners), Ministry of Transportation
- 2012-2019 Class Environmental Assessments Dundas Street (Brant Street to Highway 403), Halton Region
- 2015 Kipling Bus Terminal Study, Metrolinx
- 2016-2018 Dundas Connects Study, City of Mississauga
- 2018 City of Mississauga's Dundas Connects Master Plan, endorsed by City of Mississauga Council
- 2018 Dundas BRT was recognized in Metrolinx's 2041 Regional Transportation Plan as in-development project
- 2020 407 Transitway TPAP Study, Ministry of Transportation
- 2020 Dundas BRT Initial Business Case, Metrolinx
- 2021 Metrolinx and the City of Mississauga began work on the Preliminary Design (PD), Transit Project Assessment Process (TPAP) and Preliminary Design Business Case (PDBC) and reintroduced the project to the community

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.
- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Dundas BRT Infrastructure Alignment as Proposed by the Initial Business Case

Previous work studying the Dundas Corridor will be incorporated into this project. Several Municipal Class Environmental Assessments have been completed in Halton and Hamilton. This includes various road widening projects where, in Halton Region, the curb lanes include provision to accommodate potential high occupancy vehicle or bus-only lanes in the future. The [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018, identified the following, which will be further explored as part of the current work:

- The type of transit suitable for the corridor
- Opportunities for enhanced connectivity along the corridor
- Streetscape design and active transportation facilities
- Initial design solutions to constrained sections of the corridor (pinch points)

Figure 3 shows the Dundas BRT Infrastructure Alignment as Proposed by the IBC.

The Preliminary Design Business Case (PDBC) is the next step in the business case process and builds upon the work done in the Initial Business Case. The PDBC will assist in refining the service plan for the corridor and identify risks and barriers that may impact the project. Metrolinx will be completing the Preliminary Design Business Case concurrently with the Transit Project Assessment Process for the City of Mississauga portion of the project.

Current Status

The project impacts will be assessed following the Transit Project Assessment Process (TPAP) for the Toronto and Mississauga sections, as prescribed in Ontario Regulation 231/08 under the Environmental Assessment Act. As part of the TPAP, an Environmental Project Report (EPR) will be prepared for public review.



Metrolinx and the City of Mississauga are completing environmental studies in Toronto and Mississauga to identify the baseline conditions, determine any potential for impacts and propose measures to mitigate potential negative impacts.

The general approach for the Halton and Hamilton section is being considered through to the Preliminary Design Business Case will be to utilize the existing/planned cross-section, provide transit priority and bus service in high occupancy vehicle lanes and/or convert the curbside lane into a dedicated BRT lane. The Dundas BRT project will consider curbside bus stop locations, designs and consider requirements for buses turning on and off the corridor to select destinations, queue jump lanes, and transit signal priority.

Anticipated Field Surveys and Studies

The following environmental field surveys and studies that are anticipated to be completed to support this project. Approximate timing of the work outlined below, however is subject to change based on a number of factors, including approvals and weather:

- Air Quality Impact Assessment (no field work)
 - Includes operations and construction emissions modelling and mitigation strategies
- Arborist Report - Toronto Section, Eastern portion of Mississauga Section (Summer 2021)
 - Tree details within the study area
- Arborist Report - Mississauga Section (Spring 2022)
 - Tree details within the study area
- Archaeological Assessment (AA) Stage 1 (Spring 2021)
 - Stage 1 AA provides an overview of the areas having archaeology potential
- Cultural Heritage Report (CHR) (Spring 2021)
 - Identifies properties that have the potential for heritage resources and mitigation strategies
- Limited Phase I Environmental Site Assessment Report (Spring 2021)
 - Identifies actual and/or potentially contaminating activities along the alignment/corridor and the proposed associated infrastructure (study area)
- Natural Environment (Spring 2021)
 - Ecological Land Classification
 - Breeding Bird Surveys
 - Significant Wildlife Habitat and Species-at-Risk screening
- Noise and Vibration Impact Assessment (no fieldwork)
 - Summarizes potential noise and vibration effects and mitigation strategies

- Socio-Economic and Land Use Study (Spring 2021)
 - An overview of the social and economic characteristics and potential effects

Archaeology

The Stage 1 AA will provide information about the geography, history previous archaeological fieldwork and current land condition pertaining to the Study Area to evaluate the archaeological potential in detail. A Stage 1 AA will describe the results of all background research and field review and will contain all necessary photographic and cartographic documentation. Metrolinx will ensure that Mississaugas of the Credit First Nation has an opportunity to review and provide comments on the Stage 1 AA prior to submission to the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).

The need for any further archaeological work, such as a Stage 2 AA, will be identified in the Stage 1 AA results. Metrolinx will ensure that Mississaugas of the Credit First Nation will be invited to participate in any Stage 2 or higher fieldwork and will keep Mississaugas of the Credit First Nation apprised of the status of archaeological work and schedule as environmental assessments continue to be completed.

Preliminary Design

The preliminary design phase will build upon the pre-planning completed as part of the TPAP for Toronto and Mississauga. In this phase, the project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design level. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits in order to reduce the site-specific impacts identified in the TPAP. The preliminary design will generate the analytic information to feed the PDBC that will be completed by the project team to allow Metrolinx to make evidence-based investment decisions.

Project Timeline

- **Project Launch and Initiation of Preliminary Environmental Studies - 2020**
- Impact Assessment Studies – Summer 2020 to Summer 2021
- Public Meeting Round #1 – April 19 - 30, 2021
- Public Meeting Round #2 – Summer 2021
- Draft EPR Addendum Preparation – Summer 2021
- **Notice of EPR Addendum – Fall 2021**
- Public Meeting Round #3 – Fall 2021
- 30-day public and stakeholder review
- 35-day Minister's review
- **Preliminary Design Business Case - 2022**



Next Steps

Metrolinx is working to gather details about the existing environmental conditions of the Toronto and Mississauga sections of the corridor. We are also developing a corridor design and design alternatives to the constrained sections of the corridor. This information is anticipated to be prepared and available by summer 2021.

Transit Project Assessment Process (TPAP) next steps include:

- Complete existing conditions mapping and reporting.
- Prepare environmental impact and mitigation measures as part of the final Environmental Project Report (EPR)
- Public engagement
- Prepare for commencement of TPAP
- EPR preparation

Preliminary Design next steps include:

- Develop design at pinch points
- Select and analyze preferred alternative
- Develop preferred corridor design for TPAP

Engagement

Metrolinx would appreciate knowing about any interest Mississaugas of the Credit First Nation may have in the Project. We would like to know if there are any potential impacts of the proposed project on Mississaugas of the Credit First Nation's rights and/or interests. Metrolinx would welcome the opportunity to meet with Mississaugas of the Credit First Nation to provide more information and discuss any interests or questions that your Nation may have. Please let us know how best we might engage with Mississaugas of the Credit First Nation.

Additional Information

For additional information regarding this project, including public meeting related materials, please visit: <http://metrolinxengage.com/dundasbri>.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com. We kindly request that you notify us of your interest in this project and how you may wish to engage with Metrolinx, in writing, by **June 7, 2021**.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.



Yours Truly,

A handwritten signature in dark ink, appearing to read 'f. melander'.

Fallon Melander
Manager, Indigenous Relations Office

cc: Mark LaForme, Director, Department of Consultation & Accommodation, Mississaugas of the Credit First Nation
Megan Devries, Archaeological Operations Supervisor, Department of Consultation & Accommodation, Mississaugas of the Credit First Nation
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Piruthuvi Thurairajah, Project Coordinator, Environmental Programs & Assessment, Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 1 - Proposed Dundas BRT Alignment

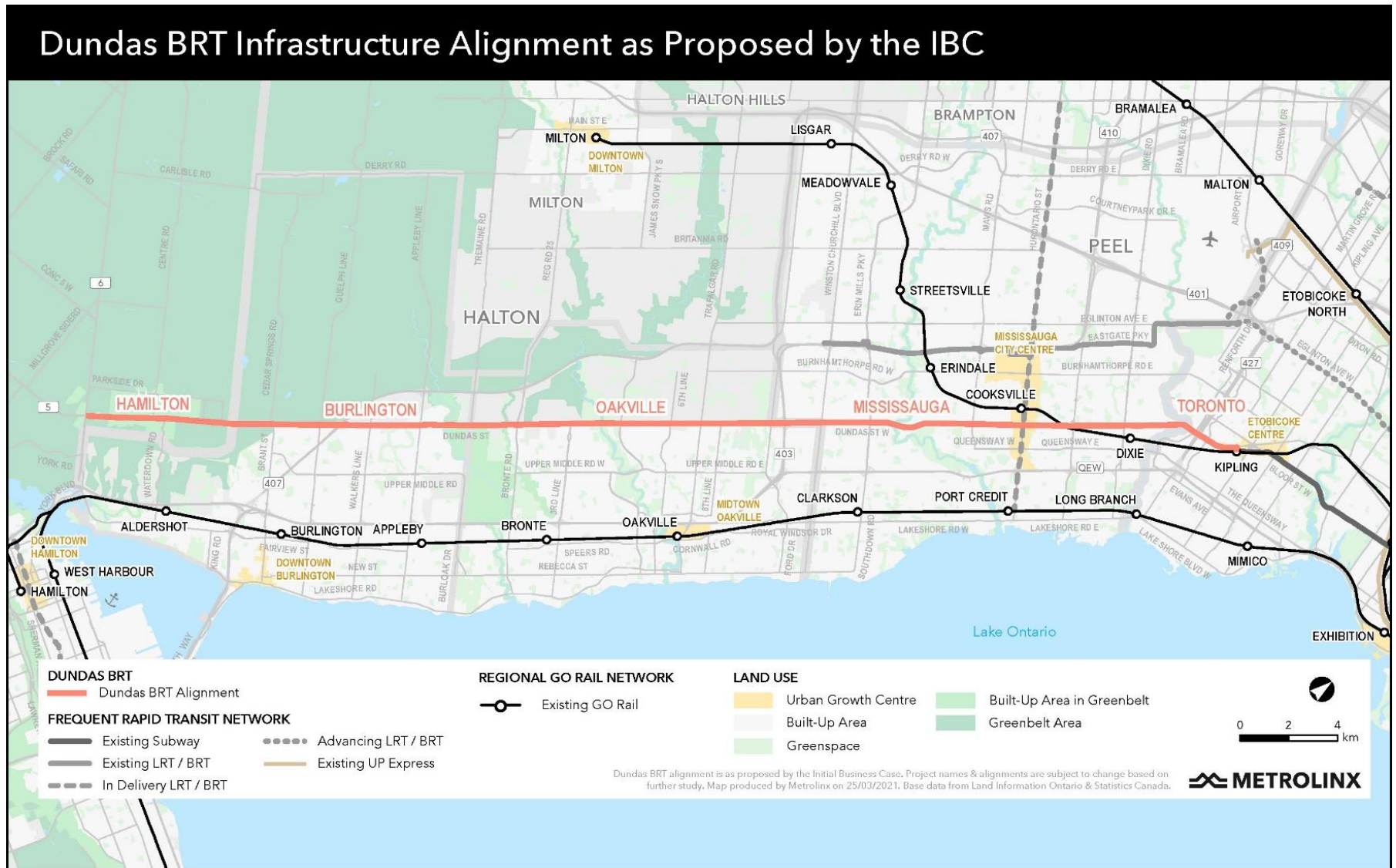


Figure 2 - Dundas BRT - Jurisdictional Boundaries

Dundas BRT Infrastructure Alignment as Proposed by the IBC

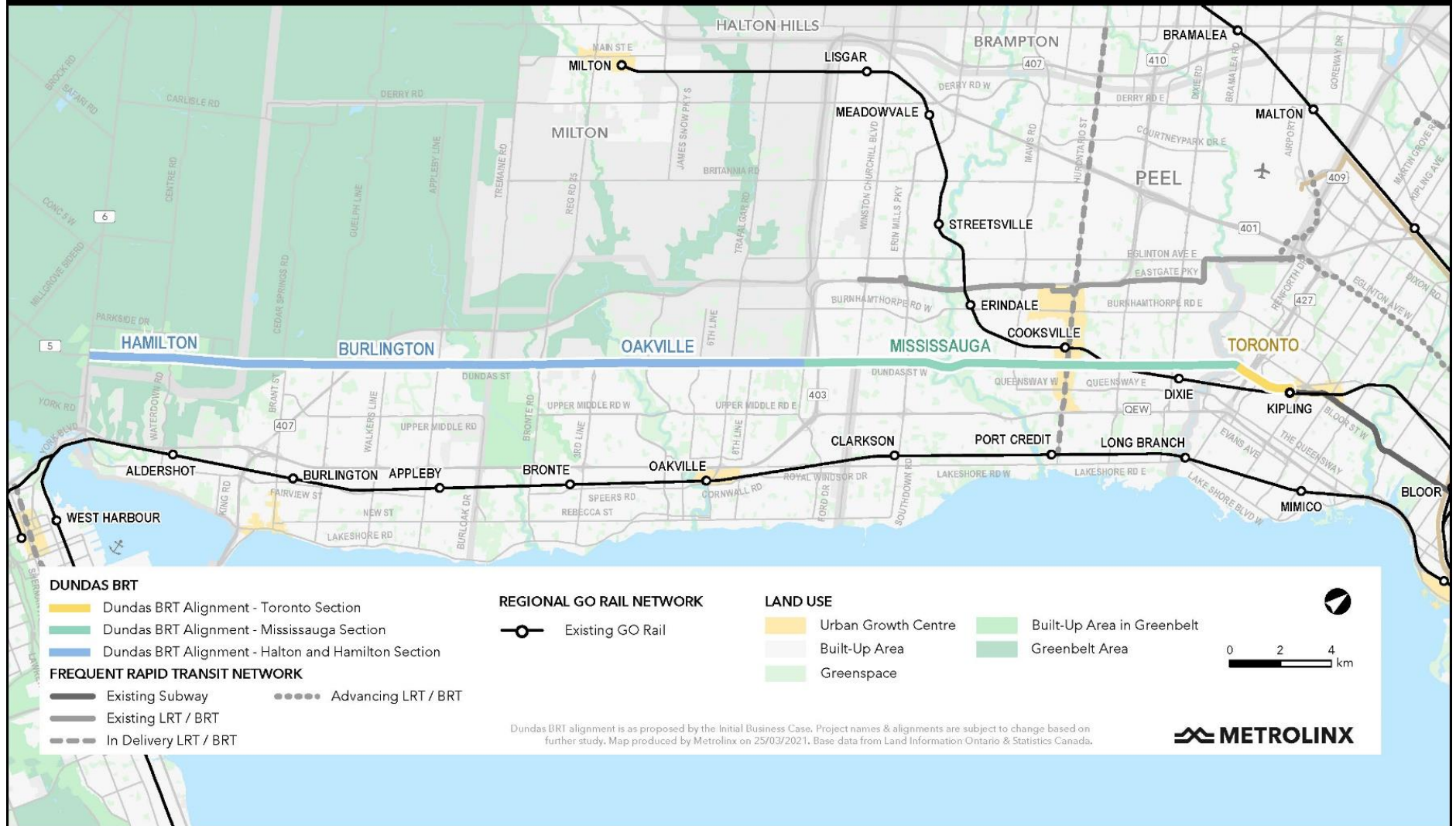
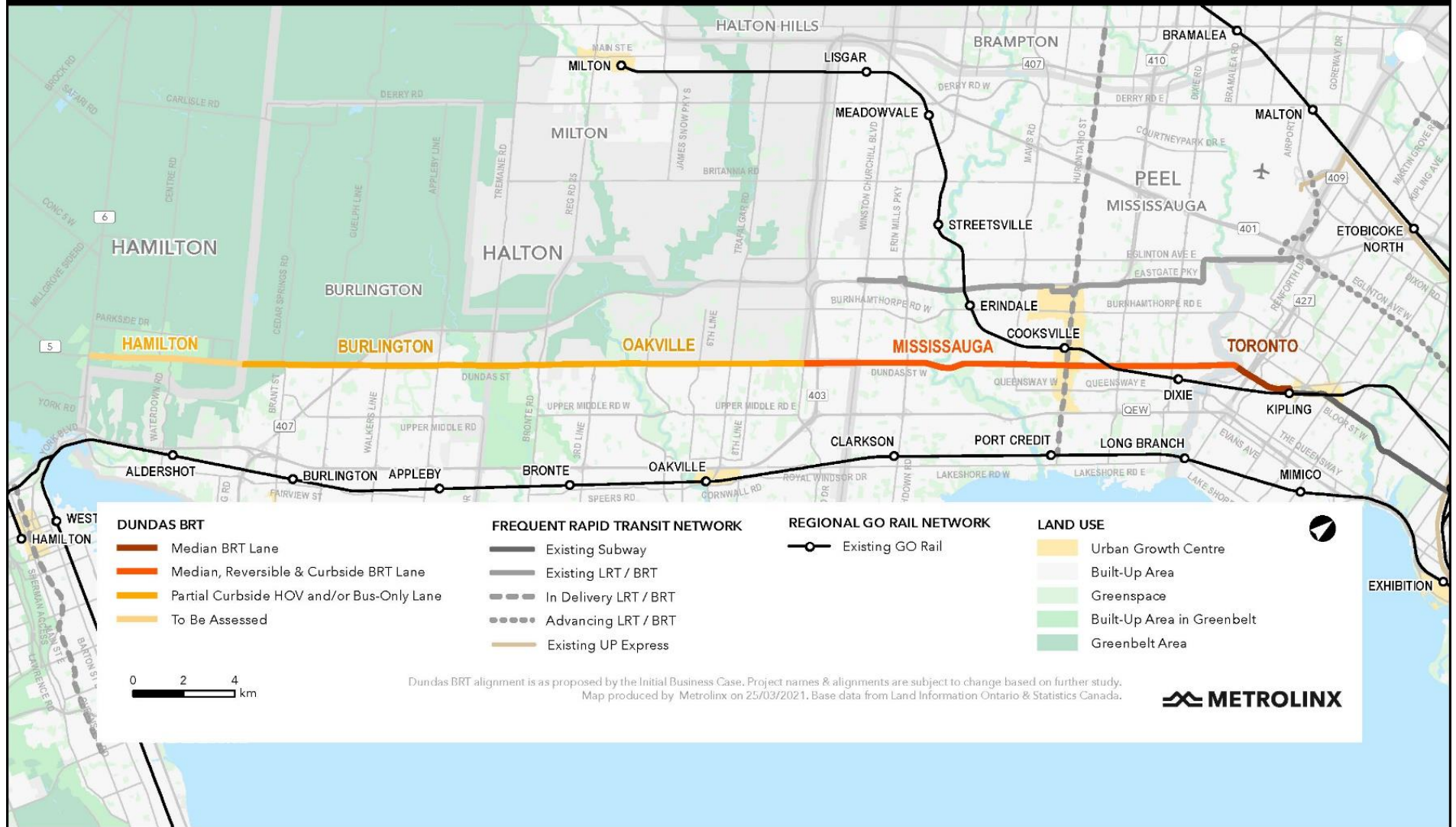



Figure 3 - Dundas BRT Infrastructure Alignment as Proposed by the IBC

Dundas BRT Infrastructure Alignment as Proposed by the IBC



Indigenous Nations Correspondence Record

- **Six Nations of the Grand River**

From: [Indigenous Relations](#)
To: [Lonny Bomberly](#)
Cc: [Dawn LaForme](#); [Dawn Russell](#); [Tanya Hill-Montour](#); [Robin Vanstone](#); [Mark B. Hill](#); [Tarek Elhadadeen](#); [Nasim Bozorgmehr](#); [Paul Niejadlik](#); [Darcy Wiltshire](#)
Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports
Date: February 4, 2022 3:11:22 PM
Attachments: 

Hello Lonny and Team,

I am reaching out to let you know that the final three Draft Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project are now available for your review. They can be accessed using the following link:




Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

Again, we apologize for the shorter than normal timeline for the review of these reports. Please do not hesitate to reach out if you would like to discuss ways in which the IRO can support with your review.

Thank you for your time and assistance. Have a lovely weekend.

Marilyn

Marilyn Stoye, M.Ed (*she/her*)

Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342



From: Indigenous Relations
Sent: January 28, 2022 2:28 PM
To: Lonny Bomberly <lonnybomberly@sixnations.ca>
Cc: Dawn LaForme <dlaforme@sixnations.ca>; Dawn Russell <dawnrussell@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Robin Vanstone <rvanstone@sixnations.ca>; Mark

B. Hill <markhill@sixnations.ca>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>

Subject: RE: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Hello Lonny and Team,

I wanted to follow up with you regarding the Draft Cultural Heritage Evaluation Reports (CHERs), as outlined below, for the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project. As mentioned, we will be sharing the CHERs with your Nation as they become available to us. To that end, the second set of CHERs is now available at the following link:

Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

Thank you for your time and assistance. Please do not hesitate to reach out with any questions or concerns.

Best,
Marilyn

Marilyn Stoye, M.Ed (*she/her*)

Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342

From: Indigenous Relations

Sent: January 25, 2022 12:20 PM

To: Lonny Bomberry <lonnybomberry@sixnations.ca>

Cc: Dawn LaForme <dlaforme@sixnations.ca>; Dawn Russell <dawnrussell@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Robin Vanstone <rvanstone@sixnations.ca>; Mark B. Hill <markhill@sixnations.ca>; Tarek Elhadadeen <Tarek.Elhadadeen@metrolinx.com>; Nasim Bozorgmehr <Nasim.Bozorgmehr@metrolinx.com>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>

Subject: Dundas BRT - Draft Cultural Heritage Evaluation Reports

Dear Lonny and Team,

Metrolinx continues to advance the Dundas Bus Rapid Transit (DSBRT) Mississauga East Project. Attached is a letter outlining and inviting review of six Draft Cultural Heritage Evaluation Reports (CHERs).

Metrolinx is in the process of conducting the CHERs for each property and wishes to share with Six Nations of the Grand River for review, as we receive them. The first CHER is available at the following Dropbox link, and we will continue to reach out to your Nation directly, as the following five CHERs become available.



Comments received prior to **February 14, 2022** can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process.

We appreciate the larger volume of these CHERs than what is typically shared in close succession, and the shorter than normal timeframe for review. If there is any way that the IRO can support your review of these documents, we are happy to arrange a meeting to discuss strategies. We appreciate your continued patience as we continue to work through our business processes to ensure a more lengthy review time for such documents in the future.

If you have any questions or concerns, please feel free to reach out to me at any time. Thank you for your time and assistance.

Thank you,

Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715





January 25, 2022

Chief Mark Hill
c/o Lonny Bomberry, Director, Lands & Resources
Six Nations of the Grand River
1695 Chiefswood Road
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Mr. Bomberry,

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Cultural Heritage Evaluation Reports (CHERs)

Metrolinx remains committed to meaningful consultation and engagement, especially where our projects have impacts to the Treaty and traditional lands of Six Nations of the Grand River. Metrolinx values its relationship with Six Nations of the Grand River and it is our wish to continue to work with your Nation as we move forward. The purpose of this letter is to invite Six Nations of the Grand River to review six Cultural Heritage Evaluation Reports (CHERs) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Six Nations of the Grand River on this project.

Project Description

Metrolinx, a regional transportation agency, is overseeing the proposed Dundas Bus Rapid Transit (BRT) Project.

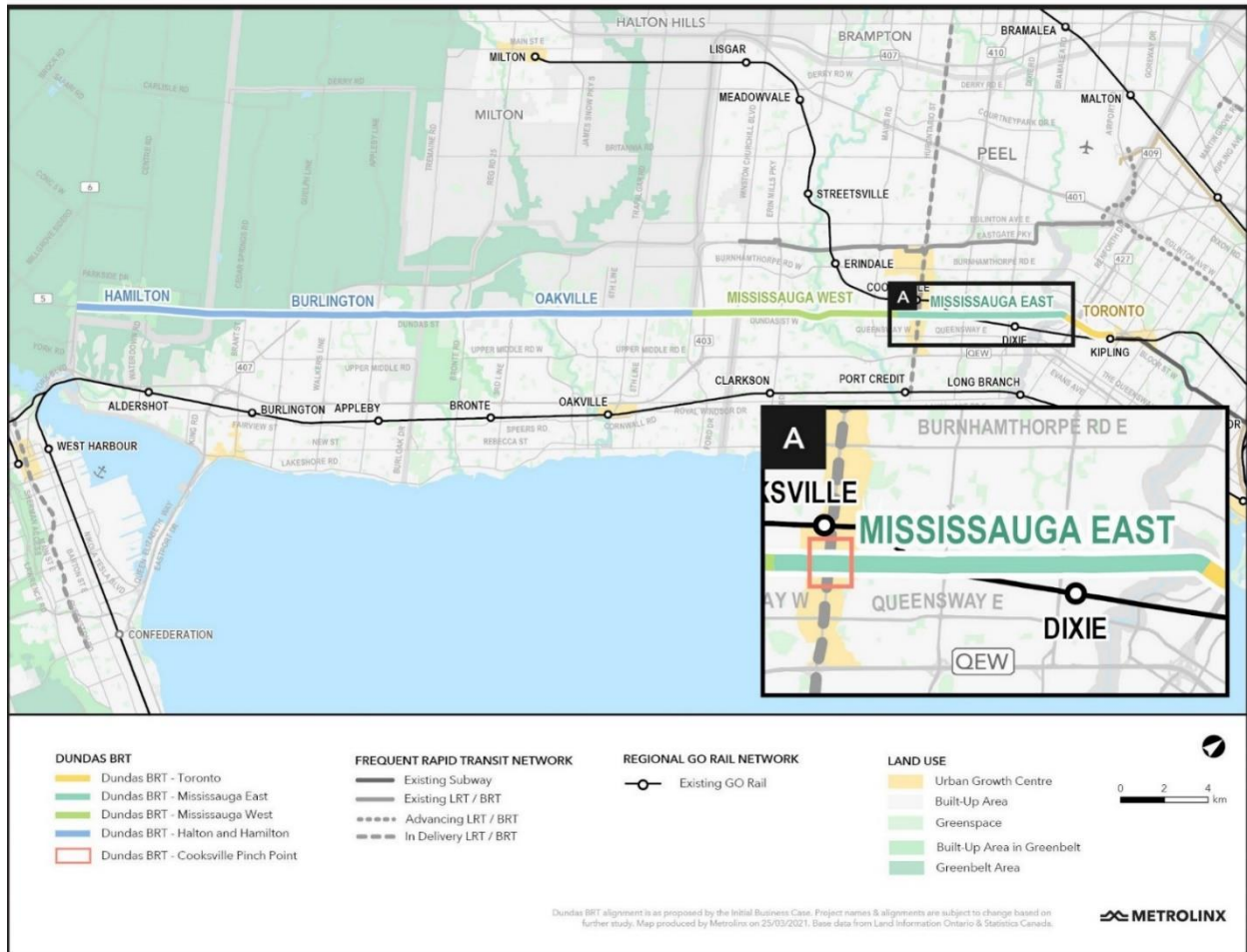
The Dundas BRT project is a proposed transportation corridor along a 48 kilometer stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

A letter was previously sent to the Six Nations of the Grand River on May 3, 2021 as an introduction to the Dundas BRT project with an update on the status of the project provided on August 25, 2021. The draft Environmental Project Report (EPR) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project was sent out to the Six Nations of the Grand River on Oct 15, 2021. The Notice of Commencement was sent out on Dec10,2021.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that provides a defined framework for assessing the potential environmental impacts of a proposed transit project, in this case the Dundas Bus Rapid Transit Mississauga East Project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Please see **Table 1** below for the project and TPAP timeline.

Table 1: Project and TPAP Timeline

Project Introduction Letter	May, 2019
Virtual Engagement Round #1	Start:19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement <ul style="list-style-type: none"> Starts the up to 120 day period 	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21 , End: 22-Feb-22*
Notice of Completion <ul style="list-style-type: none"> EPR review period (30 days) Minister's review of EPR (35 days) 	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Location Maps are available in **Appendix A**

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared with the Six Nations of the Grand River for review and comment on August 26, 2021.

Based on the preliminary assessment in Cultural Heritage Report (CHR), it was recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for six (6) built heritage resources. Metrolinx is in the process of conducting the Cultural Heritage Evaluation Reports for each property and wishes to share with Six Nations of the Grand River for review, as we receive them. A summary of the properties and their location is found below.

Built Heritage Resource/Cultural Heritage Landscape Ref.	Location/Address	Date of Submission
BHR 1	202 Dundas Street West	January 28th
BHR 2	196 Dundas Street West	February 4th
BHR 4	51, 55-57 Dundas Street West	January 28th
BHR 5	47 Dundas Street West	February 4th

Built Heritage Resource/Cultural Heritage Landscape Ref.	Location/Address	Date of Submission
BHR 6	37 Dundas Street West	February 4th
BHR 7	14 Dundas Street East	January 25th

Comments received prior to February 14, 2022 can be incorporated into the draft that is made public on February 23rd, 2022. Any comments received after February 14, 2022 can be incorporated into the EPR during the public review period which will end of March 24, 2022 as part of the TPAP process. We recognize that these timelines for review are short and appreciate your continued patience as we continue to work through our business processes to ensure a lengthier review time for such documents in the future.

We ask that the Six Nations of the Grand River please provide comments on all six CHERs by **February 14, 2022**

The first CHER is available at the following Link:

Link:



Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Six Nations of the Grand River for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep the Six Nations of the Grand River informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project and shared this draft report with the Six Nations of the Grand River for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. Metrolinx acknowledges that the Six Nations of the Grand River should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that the Six Nations of the Grand River may have in relation to the Dundas Bus Rapid Transit Mississauga East Project and/or the Cultural Heritage Evaluation Reports (CHERs). Metrolinx would also welcome the opportunity to meet with the Six Nations of the Grand River to provide more information and discuss any interests or questions that your Nation may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders. We extend an open invitation to members of the Six Nations of the Grand River to participate in the fourth Public Information Centres, however, this would not preclude any request from the Six Nations of the Grand River to meet with Metrolinx directly.

Metrolinx is committed to building a long-term relationship with Six Nations of the Grand River, and we recognize that this requires transparency and meaningful engagement. We appreciate that we still have much work to do in this regard and we hope to move forward in a good way. We appreciate your patience as we continue to move forward in a mutually beneficial way.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,



Paul Niejadlik
Manager, Environmental Programs and Assessment
Metrolinx

cc: Chief Mark Hill, Six Nations of the Grand River
Dawn LaForme, Secretary/Receptionist, Six Nations of the Grand River
Dawn Russell, Administrative Assistant, Six Nations of the Grand River
Tanya Hill-Montour, Archaeological Coordinator, Six Nations of the Grand River
Robbin Vanstone, Consultation Supervisor, Six Nations of the Grand River
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Appendix A

Figure 1 Map of Known and Potential Built Heritage Within Study Area

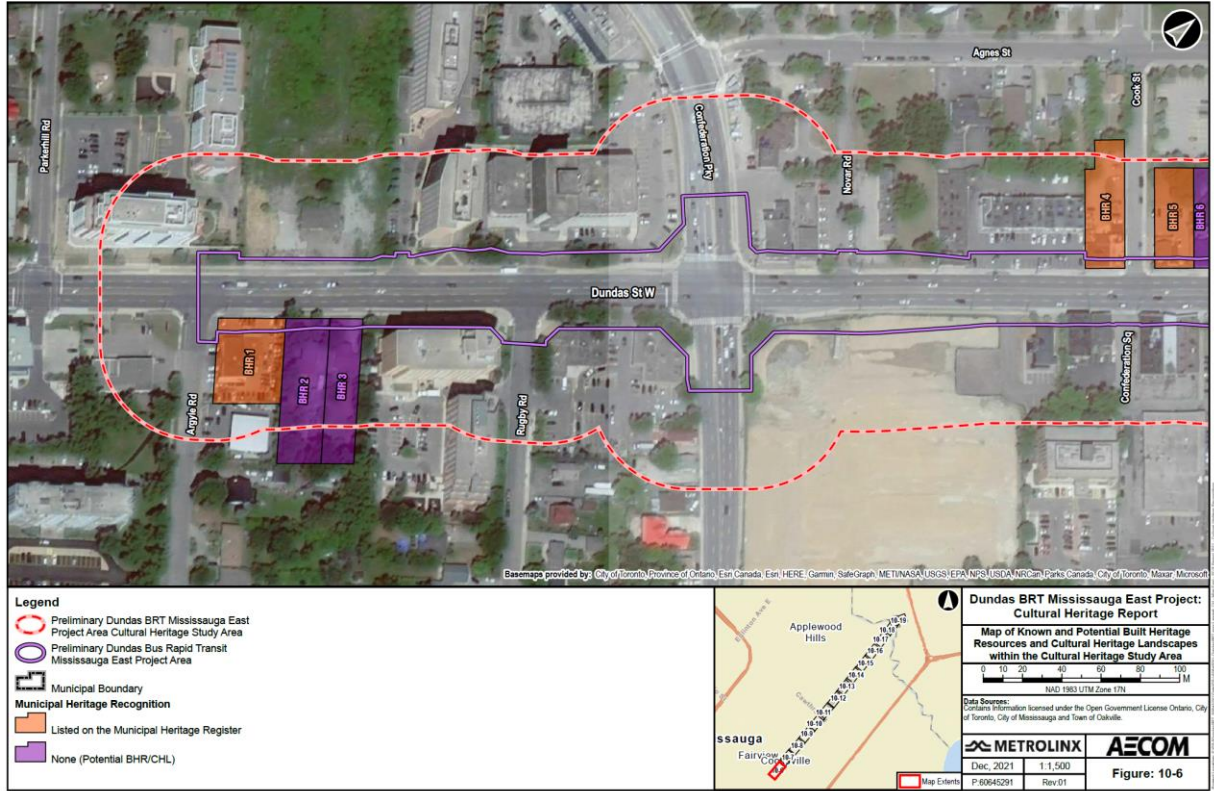


Figure 2 Map of Known and Potential Built Heritage Within Study Area



From: [Indigenous Relations](#)
To: [Lonny Bomberly](#)
Cc: [Mark B. Hill](#); [Dawn LaForme](#); [Dawn Russell](#); [Tanya Hill-Montour](#); [Robin Vanstone](#); [Paul Niejadlik](#); [Darcy Wiltshire](#); [Tarek Elhadadeen](#); [Nasim Bozorgmehr](#)
Subject: Dundas BRT: Notice of Commencement
Date: December 10, 2021 1:02:48 PM
Attachments: [REDACTED]

Dear Lonny and Team,

Metrolinx continues to advance the Dundas Bus Rapid Transit Project (BRT). The project has been split into several segments each of which are being assessed individually, through the Transit Project Assessment Process (TPAP). Metrolinx wishes to inform you that it is issuing a Notice of Commencement for the Mississauga East portion of this project, which begins the up to 120 day review period under the TPAP. Please find attached a letter outlining the project and the Notice of Commencement.

A Draft Natural Environment Report was completed for this project and shared for review and comment on October 15, 2021. As part of the natural environment study, the potential impacts of the project were assessed and mitigation measures were identified to be implemented during construction and project operations. The final versions of these reports, with all comments addressed, will be available for review during the 30-day review period in March 2022.

Metrolinx remains committed to meaningful consultation and engagement, especially where our projects have impacts to the Treaty and traditional lands of your Nation. Metrolinx values its relationship with Six Nations of the Grand River and has learned much about your Nation and its expectations over the past several months. It is our wish to continue to work with your Nation as we move forward.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please feel free to contact our team at any time.

Thank you,

Jaimi

Jaimi O'Hara

Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

[REDACTED]

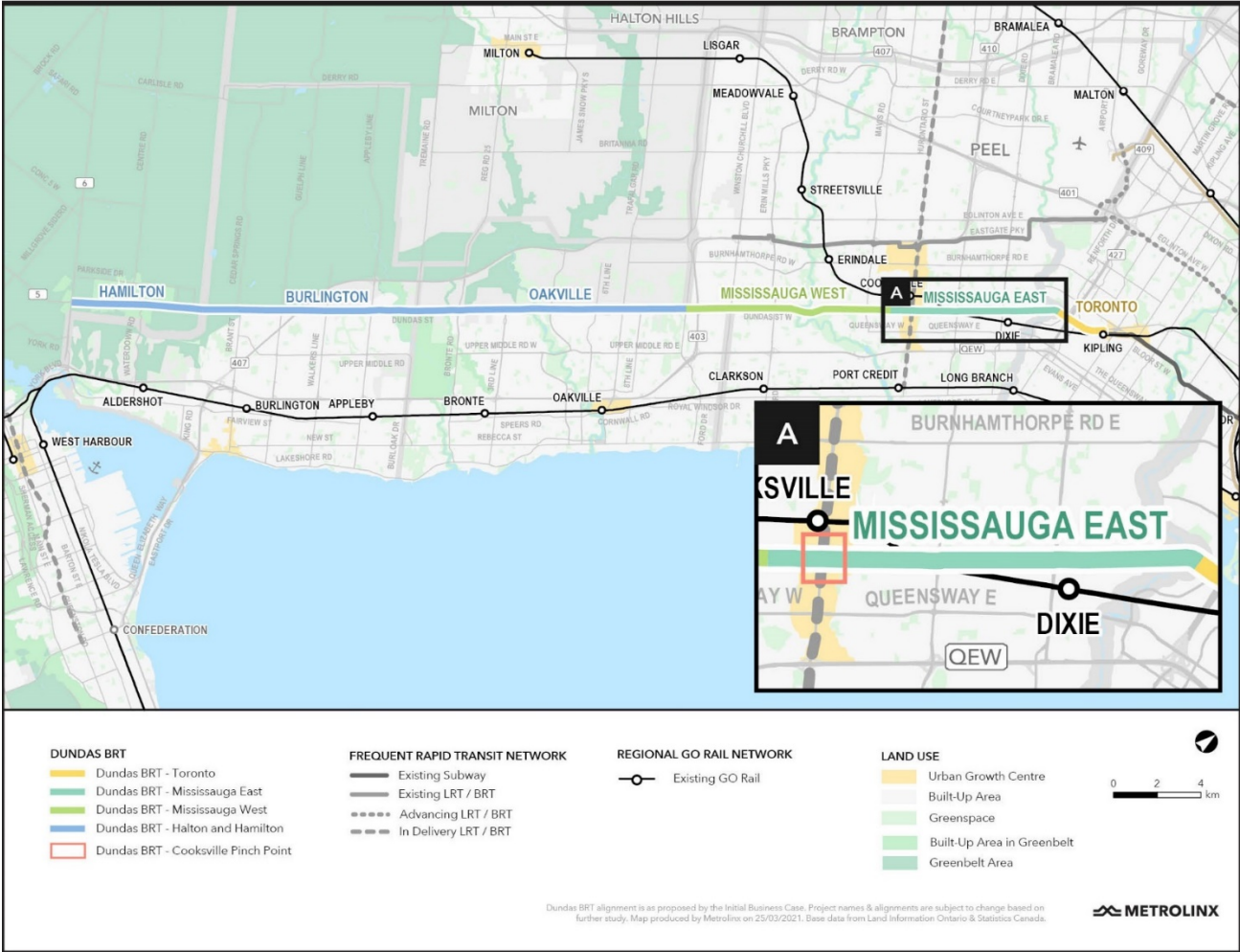
Notice of Commencement

Dundas Bus Rapid Transit (BRT) Mississauga East Project - Transit Project Assessment Process (TPAP)

Metrolinx, in collaboration with the City of Mississauga, is continuing to advance planning for the Dundas Bus Rapid Transit (BRT) corridor by commencing the Transit Project Assessment Process (TPAP) for the Dundas BRT Mississauga East (between Etobicoke Creek and Confederation Parkway) Project, in accordance with Ontario Regulation 231/08.

The Project

The Dundas BRT Project is a proposed transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres of this 48 kilometre municipal transit project would operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. This notice is for the Mississauga East (between Etobicoke Creek and Confederation Parkway) seven kilometre segment of the corridor (herein referred to as the Dundas BRT Mississauga East Project).



The Process

The TPAP, as prescribed in Ontario Regulation 231/08 made under the *Environmental Assessment Act*, is now commencing for the Mississauga East segment of the proposed Dundas BRT Project. The TPAP is a proponent-driven, self-assessment process that provides a defined framework to follow to complete the accelerated assessment of the potential environmental effects and decision-making within the regulated assessment timeline. As part of the TPAP, a Dundas BRT Mississauga East Environmental Project Report (EPR) is being prepared. Following this period, interested persons will have an opportunity to review the EPR during a regulated 30-day period, followed by a regulated 35-day review period by the Minister of the Environment, Conservation and Parks.

Consultation

We thank everyone for their feedback to date. In January, Metrolinx will host virtual Public Engagement 3 for the Dundas BRT Mississauga East Project, where you will have the chance to:

- Review what we heard during Public Engagement 2 and how feedback was incorporated;
- Review and comment on environmental study results, including potential impacts and proposed mitigation measures, as part of the TPAP;
- Learn about how the design for the Cooksville pinch point and the remainder of the Mississauga East segment has been optimized to reduce potential impacts; and
- Connect with the Project Team and review next steps for the Project.

Public Engagement 3

Virtual Metrolinx Live meeting: Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.

Register for and attend this virtual event on Metrolinx Engage at
www.MetrolinxEngage.com/DundasBRT

Online Engagement will be open from Tuesday, **January 18** to Tuesday, **February 1**, 2022

Participants will be able to provide feedback on Dundas BRT Mississauga East Project materials using the 'Ask-A-Question' function before, during and after the Metrolinx Live meeting and by completing an online feedback form. Following Public Engagement 3, the Project Team will consider the input received, prepare the Dundas BRT Mississauga East EPR, and publish the Notice of Completion. The Dundas BRT Mississauga East EPR will then be available for public review and comment.

Provide Feedback

Stay involved with the Dundas BRT Project. We have a dedicated Community Relations team for each region available to answer your questions and receive your feedback at any time.

Email us at:

- TorontoWest@metrolinx.com
- Peel@metrolinx.com
- HaltonRegion@metrolinx.com
- Hamilton@metrolinx.com

If you have project-related questions, would like to request hard copies of consultation materials, require accessibility accommodations or would like to provide input, please contact the Community Relations team from your region (above), or call (416) 202-7500.

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please visit metrolinx.com/en/aboutus/privacy.aspx or contact the Senior Privacy Officer for Metrolinx at 416-202-5941.

This Notice was first published on **December 10, 2021**.

Aussi disponible en français. Pour plus d'informations, veuillez contacter Peel@metrolinx.com.



December 10, 2021

Chief Mark Hill
c/o Lonny Bomberly, Director, Lands & Resources
Six Nations of the Grand River
1695 Chiefswood Road
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Mr. Bomberly,

Subject: Dundas Bus Rapid Transit (BRT) Mississauga East Project - Notice of Commencement

Metrolinx seeks to continue to build a strong and meaningful relationship with Six Nations of the Grand River. Metrolinx appreciates and respects that Six Nations of the Grand River should be appropriately informed and aware of projects. The purpose of this letter is to announce formal commencement of the Transit Project Assessment Process (TPAP) for the Dundas Bus Rapid Transit (BRT) Mississauga East Project. We continue to welcome any interest in engagement from the Six Nations of the Grand River on this project.

Project Description

As previously communicated on May 3, 2021, Metrolinx is overseeing the proposed Dundas Bus Rapid Transit (BRT) project. The Dundas BRT proposes a dedicated transportation corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to the Kipling Transit Hub in the City of Toronto, linking Etobicoke and Mississauga City Centers. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.
- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

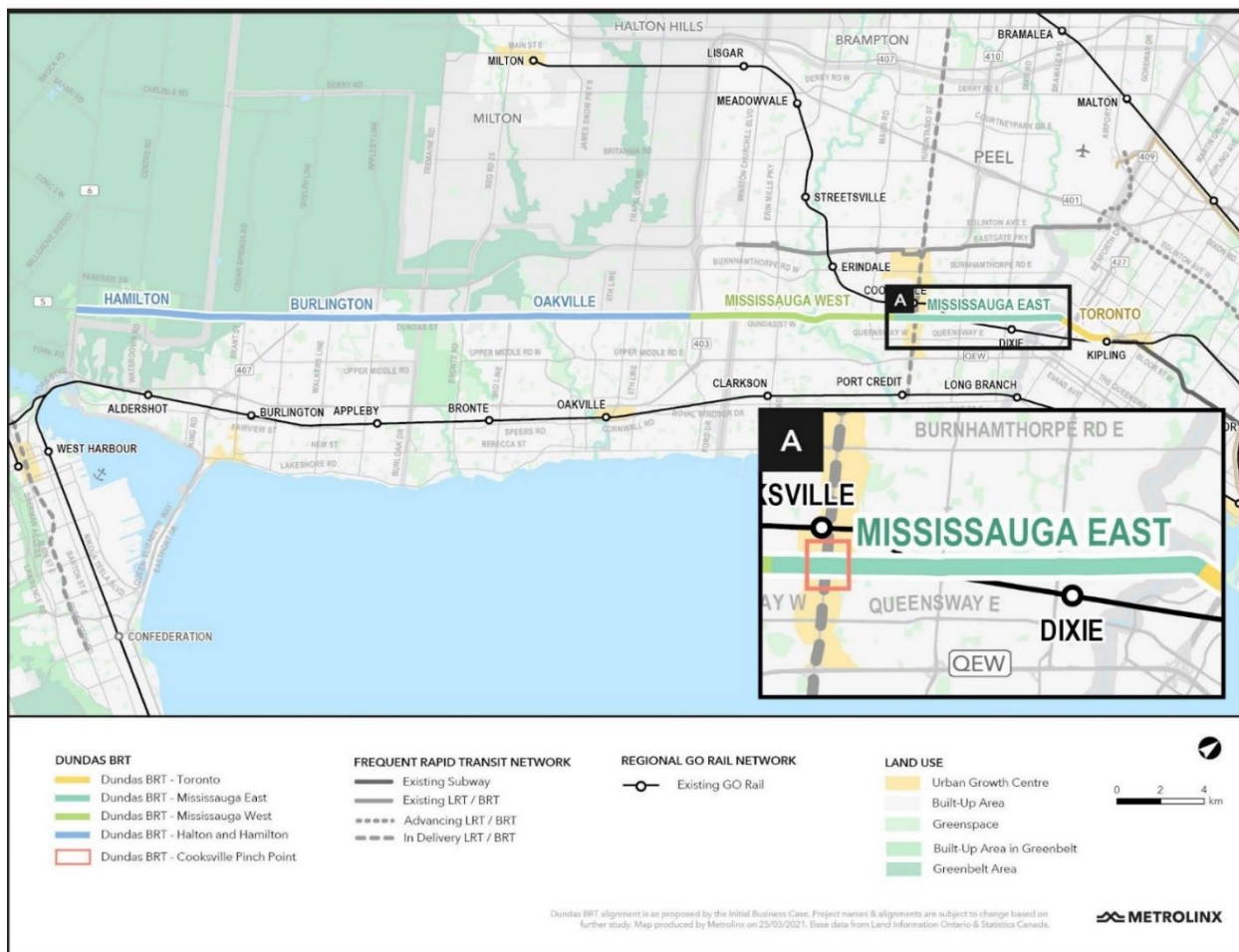
Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Please see **Figure 1** below for the proposed Dundas Bus Rapid Transit corridor.

For more information about this project please visit: www.MetrolinxEngage.com/DundasBRT

Figure 1: Dundas Bus Rapid Transit Corridor (Mississauga East)



Transit Project Assessment Process (TPAP)

To facilitate the implementation of the Dundas Bus Rapid Transit, this project is being assessed

following the Transit Project Assessment Process (TPAP), as prescribed in Ontario Regulation 231/08 under the *Environmental Assessment Act*. The TPAP is a self-assessment process that provides a defined framework for assessing the potential environmental impacts of a proposed transit project. Following the up-to-120-day TPAP consultation and documentation period, the regulation requires a 30-day public and agency review of the Environmental Project Report (EPR), followed by a 35-day review by the Minister of the Environment, Conservation and Parks.

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Table 1: Project Study Areas

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

This letter serves as notice that Metrolinx is formally commencing the TPAP for the Mississauga East portion of the project. The Notice of Commencement is provided as **Attachment 1**. The attached Notice of Commencement will be available on the Project webpage at www.MetrolinxEngage.com/DundasBRT as of December 10, 2021.

Please see **Table 2** below for the project and TPAP timeline for the Dundas BRT Mississauga East Project.

Table 2: Project and TPAP Timeline- Dundas BRT Mississauga East Project.

Project Introduction Letter	May, 2021
Virtual Engagement Round #1	Start:19-Apr-2021, End: 07-May-2021
Virtual Engagement Round #2	Start: 02-Sep-2021, End: 23-Sep-2021
Virtual Engagement Round #3	Online Engagement - from Tuesday, January 18 to Tuesday, February 1, 2022 Live Virtual Events - Thursday, January 27, 2022 from 6:30 p.m. to 7:30 p.m.
Notice of Commencement <ul style="list-style-type: none"> Starts the up to 120 day period 	December 10, 2021
TPAP Consultation & Documentation Period	Start: 10-Dec-21, End: 22-Feb-22*
Notice of Completion <ul style="list-style-type: none"> EPR review period (30 days) Minister's review of EPR (35 days) 	February 22, 2022* February 23 to March 24, 2022* March 25 to April 28, 2022*
Statement of Completion	April 2022*

* Timelines are projected and subject to change as required.

Environmental Studies

The Environmental Project Report (EPR) and Technical Reports document existing conditions and their significance, including natural heritage. A draft Natural Environment Report and Arborist Report were completed for this project and were shared with Six Nations of the Grand River for review and comment on October 15, 2021.

As part of the natural environment study, the potential impacts of the project were assessed, and mitigation measures were identified to be implemented during construction and project operations.

The final versions of these reports, considering all comments provided by Indigenous Nations and government review agencies, will be shared with Six Nations of the Grand River for review, and available for review during the 30-day review period during February 23 to March 24, 2022.

Should any additional environmental studies be required during detail design and construction, Metrolinx will keep Six Nations of the Grand River informed and provide opportunity for participation.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Dundas BRT Mississauga East Project and shared this draft report with Six Nations of the Grand River for review and comment on August 26, 2021.

Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been noted that archaeological potential still exists within some small portions of the Study Area.

The Stage 1 AA found that there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. The work is not anticipated to be completed until the detailed design phase. Metrolinx will ensure that Six Nations of the Grand River is invited to participate in the Stage 2 AA fieldwork and will send more details as they become available.

Metrolinx acknowledges that Six Nations of the Grand River should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Dundas BRT Mississauga East Project and shared with Six Nations of the Grand River for review and comment on August 26, 2021.

The Cultural Heritage Report (CHR) found there to be a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes within the grading limits of the proposed design, which are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended that a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. This is subject to change based on design refinements that may reduce the number of resources anticipated to be impacted.

Engagement & Invitation for Feedback

Metrolinx would appreciate any comments that Six Nations of the Grand River may have in relation to the Dundas Bus Rapid Transit project, including the Mississauga East portion and/or the Notice of Commencement. Metrolinx would welcome the opportunity to meet with Six Nations of the Grand River to provide more information and discuss any interests or questions that Six Nations of the Grand River may have.

For your awareness, the third Public Engagement will be hosted online from January 27, 2021 to February 1, 2021 with a focus on sharing information and receiving feedback from the general public and local stakeholders.

We extend an open invitation to members of Six Nations of the Grand River to participate in the fourth Public Information Centre, however, this would not preclude any request from Six Nations of the Grand River to meet with Metrolinx directly.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Manager of Metrolinx's Indigenous Relations Office, at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,

A handwritten signature in black ink, appearing to read "Paul Niejadlik". The signature is fluid and cursive, with the first name "Paul" and last name "Niejadlik" clearly distinguishable.

Paul Niejadlik
Manager, Environmental Programs and Assessment

Metrolinx

cc: Chief Mark Hill, Six Nations of the Grand River
Dawn LaForme, Secretary/Receptionist, Six Nations of the Grand River
Dawn Russell, Administrative Assistant, Six Nations of the Grand River
Tanya Hill-Montour, Archaeological Coordinator, Six Nations of the Grand River
Robbin Vanstone, Consultation Supervisor, Six Nations of the Grand River
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Tarek Elhadadeen, Project Coordinator, Environmental Programs & Assessment,
Metrolinx
Nasim Bozorgmehr, Senior Advisor, Rapid Transit Planning, Metrolinx

Encl. Dundas Bus Rapid Transit Project: Notice of Commencement

From: [Indigenous Relations](#)
To: [Lonny Bomberly](#)
Cc: [Dawn Russell](#); dlaforme@sixnations.ca; [Robin Vanstone](#); [Tanya Hill-Montour](#); [Mark B. Hill](#); [Paul Niejadlik](#); [Darcy Wiltshire](#); [Zul Hamzah](#)
Subject: RE: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review
Date: November 22, 2021 1:13:48 PM
Attachments: [REDACTED]

Dear Lonny and Team,

I hope you are doing well and enjoyed your weekend!

I wanted to follow up with you in regards to the Dundas BRT Environmental Project Report found in the email below. We would very much appreciate any comments or feedback you may have to share on the report. The deadline to share comments is this **Friday, November 26, 2021**.

Thank you!

Marilyn

Marilyn Stoye (*she/her*)
Community Relations & Issues Specialist, Indigenous Relations
10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3
C: 437-688-5342

[REDACTED]

From: Indigenous Relations
Sent: October 15, 2021 11:59 AM
To: Lonny Bomberly <lonnybomberly@sixnations.ca>
Cc: Dawn Russell <dawnrussell@sixnations.ca>; dlaforme@sixnations.ca; Robin Vanstone <rvanstone@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Mark B. Hill <markhill@sixnations.ca>; Paul Niejadlik <Paul.Niejadlik@metrolinx.com>; Darcy Wiltshire <Darcy.Wiltshire@metrolinx.com>; Zul Hamzah <Zul.Hamzah@metrolinx.com>
Subject: Dundas Bus Rapid Transit Project: Draft Environmental Project, Natural Environment, Arborist Report Review

Dear Lonny and Team,

Metrolinx continues to progress its environmental studies for the Dundas Bus Rapid Transit Project.

Attached you will find a letter outlining the Draft Environmental Project Report and draft Natural Environment and Arborist Reports prepared for the Dundas BRT - Mississauga East TPAP. We have also pulled out and attached the Natural Environment Impacts and Mitigations table from the broader report for ease of

reference.

We ask that your Nation provide any comments no later than November 26, 2021.

The reports are available at the following link:



If you have any questions or concerns, please feel free to reach out to me at any time.

Thank you,

Jaimi O'Hara

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

Attachment 1 - Natural Environment Mitigations

Natural Environment Effects Assessment

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
Wildlife	Disturbance, displacement, or mortality of wildlife	<ul style="list-style-type: none"> Prior to construction wildlife exclusionary fencing will be installed and investigation of the Project Footprint for wildlife and wildlife habitat that may have established following the completion of previous surveys will be undertaken, as appropriate. If wildlife is encountered a qualified biologist will be contacted to define measures to be implemented to avoid destruction, injury, or interference with the species, and/or its habitat.
Migratory Breeding Birds, Nests and Species at Risk	Disturbance, mortality or destruction of migratory birds and/or nests.	<ul style="list-style-type: none"> All works must comply with the <i>Migratory Birds Convention Act</i> (MBCA), <i>Endangered Species Act</i> (ESA) and <i>Species at Risk Act</i> (SARA), including conservation strategies. Construction works and vegetation removals should be completed outside of the bird breeding season (i.e. April 1 - August 31), if possible, to ensure incidental take or harm to migratory birds, SAR and their critical habitat does not occur. If construction activities are scheduled during the nesting season (April 1st to August 31st), a breeding bird and nest search will be undertaken by a qualified biologist to confirm that no SAR are nesting on structures, banks or vegetation that may be affected by construction activities, no more than 48 hours prior to removal. If possible, the area will be netted prior to nesting season to dissuade use of these areas for nesting. Where loss or disturbance cannot be avoided (e.g., due to work on bridges or banks), all requirements under the ESA will be met, including any registration, compensation, replacement structures and/or permitting requirements. If a nest of a migratory bird is found outside of this nesting period (including a ground nest) it still receives protection.
Soil	Erosion, compaction, drainage alterations, soil mixing, bank degradation, soil contamination	<ul style="list-style-type: none"> A Soil Management Plan (SMP) will be prepared by a Qualified Professional. Erosion and Sediment Control (ESC) measures will be implemented prior to project construction and maintained during the construction phase in accordance with an ESC Plan. Spill Prevention and safe Hazardous Materials Handling measures will be implemented prior to project construction and maintained during the construction phase in accordance with a Spill Prevention and Contingency Plan and a Hazardous Materials and Fuel Handling Plan. Disturbed areas within the construction site will be stabilized and re-vegetated.
Watercourses, Hydrological Features and Aquatic Environment	Loss of aquatic and riparian habitat, water quality degradation and flow alterations	<ul style="list-style-type: none"> ESC measures will reduce impacts to habitat and hydrological features. In -water work, if required, will take place outside of the sensitive timing windows for warmwater fish species.

Environmental Component	Potential Effect	Key Mitigation Measure(s)*
		<ul style="list-style-type: none"> • If in -water or vernal pool work will occur during construction, the area will be isolated using cofferdams and dewatered in accordance with a Dewatering Plan prepared during detailed design. • Fish and wildlife removals will be conducted by qualified biologists in isolated areas prior to dewatering and relocated, unharmed, to suitable habitat outside of the work area. • Riparian vegetation removal will be kept at a minimum. • Fuel and equipment requiring fuel will be stored in designated areas only, a minimum of 30m from watercourses/ water bodies, and refueling is to occur at least 30 m from watercourses/ water bodies; if this distance cannot be maintained, a spill tray is to be placed under the fueling point.
Vegetation	Loss of vegetation communities, tree removals, proliferation of invasive species, habitat loss	<ul style="list-style-type: none"> • A Vegetation Management Plan shall be developed to identify site specific vegetation management including the delineation of vegetation removal zones, timing restrictions, revegetation protocols; removal and preventing the spread of invasive/noxious vegetation, and other mitigation measures. • If a tree requires removal or injury, compensation and permitting/approvals (as required) will be undertaken in accordance with Metrolinx's <i>Vegetation Guideline</i> (2020) while mitigating potential impacts to sensitive species, and features. Works will comply with all applicable bylaws for tree removals, injury and protection (e.g., City of Mississauga's Public and Private Tree Bylaws (0254-2012)). • Equipment will be thoroughly cleaned, approved seed mixes will be used for revegetation, and proper stockpiling and soil removal measures will be followed. • Trimming and clearing of trees will be kept at a minimum and in a manner that minimizes physical damage and promotes quick wound closure and regeneration. • An International Society of Arboriculture (ISA) Certified Arborist and/or licensed Landscape Architect will be responsible for carrying out tree pruning and maintenance. • Tree Protection Zone (TPZ) fencing will be established to protect and prevent tree injuries in accordance with local by-law requirements. • Efforts will be made during removal operations to prevent the spread of invasive plant species. If an invasive species is encountered, it will be removed and disposed of in an appropriate off-site location.

*A complete list of Mitigation Measures can be found in the Natural Environment Report, Section 3.2, Table 4

October 15, 2021

Chief Mark Hill
c/o Lonny Bomberly, Director, Lands & Resources
Six Nations of the Grand River
1695 Chiefswood Road
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Mr. Bomberly,

RE: Dundas Bus Rapid Transit (BRT) Mississauga East Project, Draft Environmental Project Report (EPR), including Draft Natural Environment and Arborist Reports

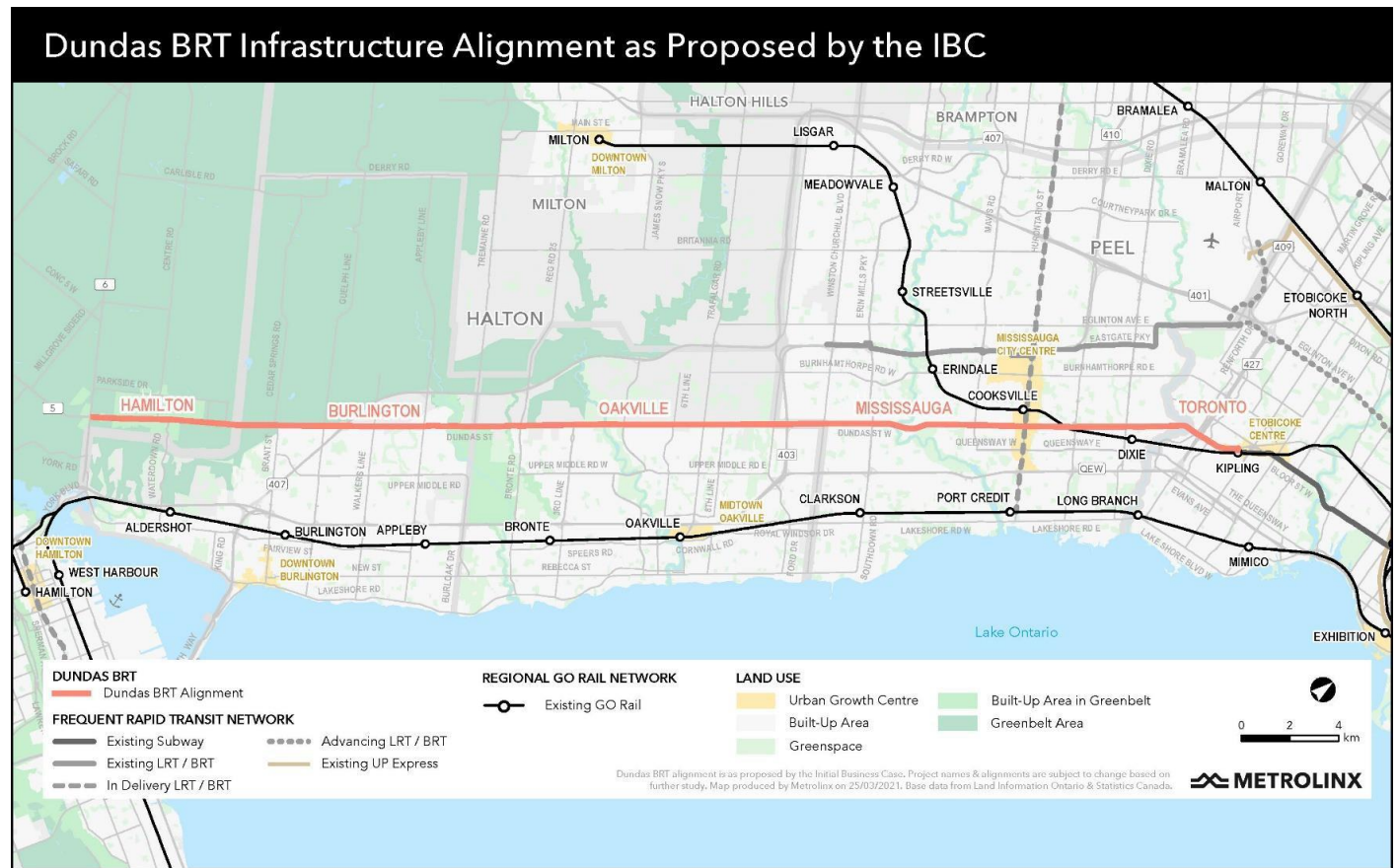
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Six Nations of the Grand River.

Metrolinx appreciates and respects Six Nations of the Grand River's desire to be appropriately informed and aware of projects. A letter was previously sent to Six Nations of the Grand River on May 3, 2021 as an introduction to the Dundas BRT with an update on the status of the project provided on August 25, 2021. The purpose of this letter is to share the draft Environmental Project Report (EPR), draft Natural Environment and Arborist Reports for the Dundas BRT Mississauga East segment with Six Nations of the Grand River for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48-kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in **Figure 1** below.

Figure 1 – Dundas BRT Study Area.



Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed

Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Mississauga East TPAP Update and Environmental Reports for Review

The Mississauga East segment is the first Transit Project Assessment Process being completed as part of the Dundas BRT project. Metrolinx has been moving ahead on the environmental assessment studies for the Mississauga East segment and has completed the draft Environmental Project Report, draft Natural Environment Report and draft Arborist Report. More information on each report is available below:

Environmental Project Report

Metrolinx has drafted the Environmental Project Report (EPR) for the Mississauga East

segment which is attached for Six Nations of the Grand River's review. This EPR documents the existing environmental conditions within the Mississauga East study area, the potential environmental impacts of the Project, recommended mitigation measures, the consultation process followed, and future commitments for the Project. The following areas were assessed:

- Natural Environment
- Air Quality
- Noise and Vibration
- Socio-Economic and Land Use
- Cultural Heritage
- Archaeology

Natural Environment

Metrolinx has completed a draft Natural Environment Report (NER) for the Mississauga East Segment which is attached for Six Nations of the Grand River's review. The purpose of the draft NER is to review the existing natural environment conditions within the Mississauga East study area, determine the potential natural environmental impacts of the project and recommend mitigation measures. Impacts to the following were explored in this report:

- Aquatic Environment
- Terrestrial Environment
- Species at Risk

The Dundas BRT Mississauga East project will encroach slightly into the natural system. As design progresses, these impacts will be minimized where possible. Details can be found in the draft Technical Reports, available in the dropbox link provided in the email. Please find a brief summary below of field studies:

Aquatic Environment

There are no in-water works associated with this project.

- I. Four watercourses occur within the study area: Cooksville Creek, Little Etobicoke Creek, Etobicoke Creek and Mary Fix Creek.
- II. Habitat observed within the Study Area is suitable to support warmwater tolerant species (i.e., Black Crappie, Brown Trout, Smallmouth Bass) and are possibly moving between Lake Ontario and habitat in Cooksville and Etobicoke Creek near the lake.
- III. The riffles with cobble substrates in Etobicoke Creek likely provide spawning habitat for several species.

Terrestrial Environment

- I. No Species at Risk (SAR) plants or vegetation communities have been observed in the Study Area during initial field investigations.
- II. The Study Area is highly urbanized and includes 21 distinct ecological units identified including Deciduous Woodlands, Mixed Meadows and Thickets. Please see Natural Environment Report (page 48-50) maps for details.

- III. 6 species of mammals and 2 species of insects were observed in the study area, all common species and secure in Ontario; a species list can be found in the Natural Environment Report (page 16).
- IV. 35 species of birds were confirmed in woodland, urban, thicket and grassland communities; a species list can be found in the Natural Environment Report (page 17-18).
- V. The Arborist Report identifies 922 trees that may be removed and 133 that may be injured with protection. However, as design progresses tree impacts should be reduced, additional details can be found in the Arborist Report (page 17-19).
- VI. Detailed restoration and compensation plans will be prepared before construction following the Metrolinx Vegetation Guide (2020), to ensure that ecological compensation is provided.

Species at Risk (SAR)

There are no impacts identified at this time for Species at Risk (SAR) other than Barn Swallows. Assessment will continue through detail design.

- I. American Eel has the potential to be found in all tributaries of Lake Ontario.
- II. Barn Swallows (Threatened):
 - a. Confirmed to be nesting on site
 - b. Etobicoke Creek bridge rehabilitation activities have the potential to negatively impact Barn Swallows during nesting season and will be mitigated to diminish any impact. Following construction, it is anticipated that the bridge will remain suitable as nesting habitat.
- III. Chimney Swift (Threatened):
 - a. Confirmed to be foraging on site
 - b. No critical habitat was observed within the Study Area
- IV. SAR Bats (Endangered) were not observed on site.
 - a. There is potential to encounter the Eastern Small-footed Myotis, Little Brown Myotis, Northern Myotis, and/or Tri-colored Bat within the treed portions of the study area.

Impacts and Mitigations

The tables found enclosed in the email (**Attachment 1**) provide a summary of the Natural Environment potential impacts and mitigation strategies identified as part of the Draft EPR that may be of interest to Six Nations of the Grand River. If Six Nations of the Grand River has any feedback about these potential impacts and/or mitigation strategies, Metrolinx would appreciate the opportunity to discuss further.

Arborist Report

Metrolinx has drafted an Arborist Report, which includes both a tree inventory and tree impact analysis, for the Mississauga East Segment which is attached for Six Nations of the Grand River's review. The purpose of the tree inventory and tree impact analysis assignment is to assess the general health and structure of onsite trees as well as determine their potential impacts, due to the project.

Based on the results of the tree impact analysis it is recommended that 922 trees will



have to be removed in order to accommodate the construction of the Project whilst a further 133 trees are recommended for injury with protection, with 46 being recommended for injury and 87 for minor injury. In terms of tree compensation, 1,535 replacement trees are required to replace trees being removed within the City of Mississauga (902) and the City of Toronto (20) or injured (10) within the City of Toronto as per the *Metrolinx Vegetation Guideline* (2020).

Metrolinx welcomes any comments or feedback Six Nations of the Grand River may have on the draft Environmental Project Report, draft Natural Environment report, and draft Arborist Report. Please provide comments on these reports in writing by **November 26, 2021**.

Engagement

Metrolinx would appreciate knowing about any interest Six Nations of the Grand River may have in the Dundas BRT project. We would like to know if there are any potential impacts of the proposed project on your Six Nations of the Grand River's rights and/or interests. Metrolinx would welcome the opportunity to meet with Six Nations of the Grand River to provide more information and discuss any interests or questions that Six Nations of the Grand River may have. Please let us know how best we might engage with Six Nations of the Grand River.

Additional Information

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*, except where information is provided to Metrolinx in confidence, pursuant to section 15.1.

Thank you for your time in reviewing this letter.

Yours Truly,

A handwritten signature in black ink that reads 'Paul Niejadlik'.

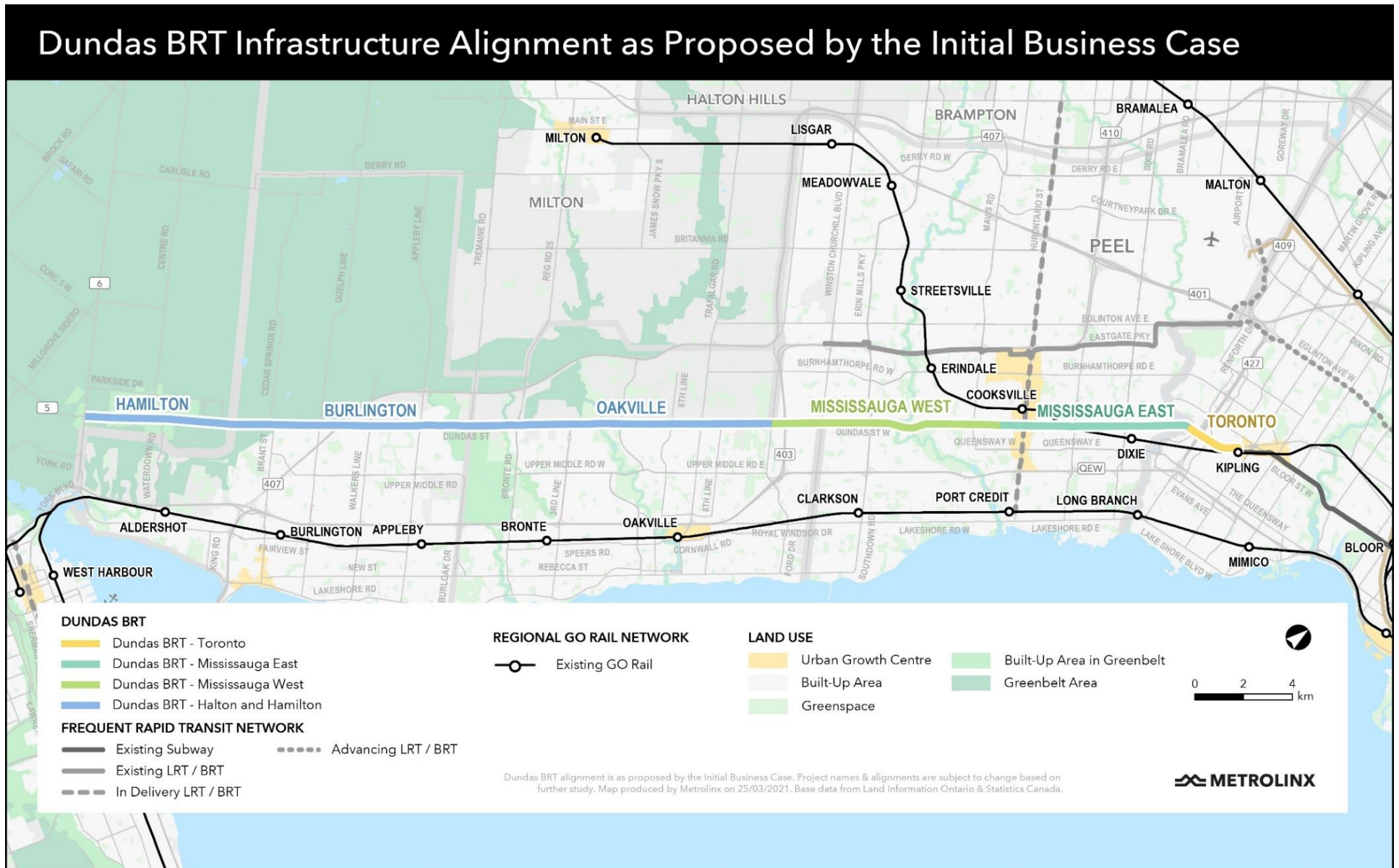
Paul Niejadlik
Manager, Environmental Programs and Assessment, Metrolinx

cc: Chief Mark Hill, Six Nations of the Grand River
Dawn LaForme, Secretary/Receptionist, Six Nations of the Grand River
Dawn Russell, Administrative Assistant, Six Nations of the Grand River



Tanya Hill-Montour, Archaeological Coordinator, Six Nations of the Grand River
Robbin Vanstone, Consultation Supervisor, Six Nations of the Grand River
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Stage 1 AA provides an overview of the areas having archaeological potential • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

From: [Indigenous Relations](#)
To: [Lonny Bomberly](#)
Cc: [Mark B. Hill](#); [Piruthuvi Thuraiarajah](#); [Darcy Wiltshire](#); [Zul Hamzah](#); [Dawn LaForme](#); [Tanya Hill-Montour](#); [Robin Vanstone](#); [Dawn Russell](#)
Subject: Dundas BRT Project Update - Stage 1 Archeological Assessment and Cultural Heritage Report Review
Date: August 26, 2021 4:40:01 PM
Attachments: [REDACTED]

Dear Lonny and Team,

Please find attached, a letter providing an update on the Dundas Bus Rapid Transit Project. The letter also outlines the draft Stage 1 Archaeological Assessment and Cultural Heritage Reports. The reports are available for review at the following link:

[REDACTED]
[REDACTED]

Please share any comments you may have by October 08, 2021.

If you have any questions or concerns, please feel free to reach out to me at any time.
Thank you for your time and assistance.

Thank you,

Jaimi

Jaimi O'Hara

Acting Manager, Indigenous Relations

Metrolinx

10 Bay Street, Suite 600 | Toronto | Ontario | M5J 2W3

T: 416.202.5617 C: 416-356-9715

[REDACTED]

August 26, 2021

Chief Mark Hill
c/o Lonny Bomberly, Director, Lands & Resources
Six Nations of the Grand River
1695 Chiefswood Road
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Mr. Bomberly,

RE: Dundas Bus Rapid Transit Project Update - Archaeological Assessment and Cultural Heritage Reports

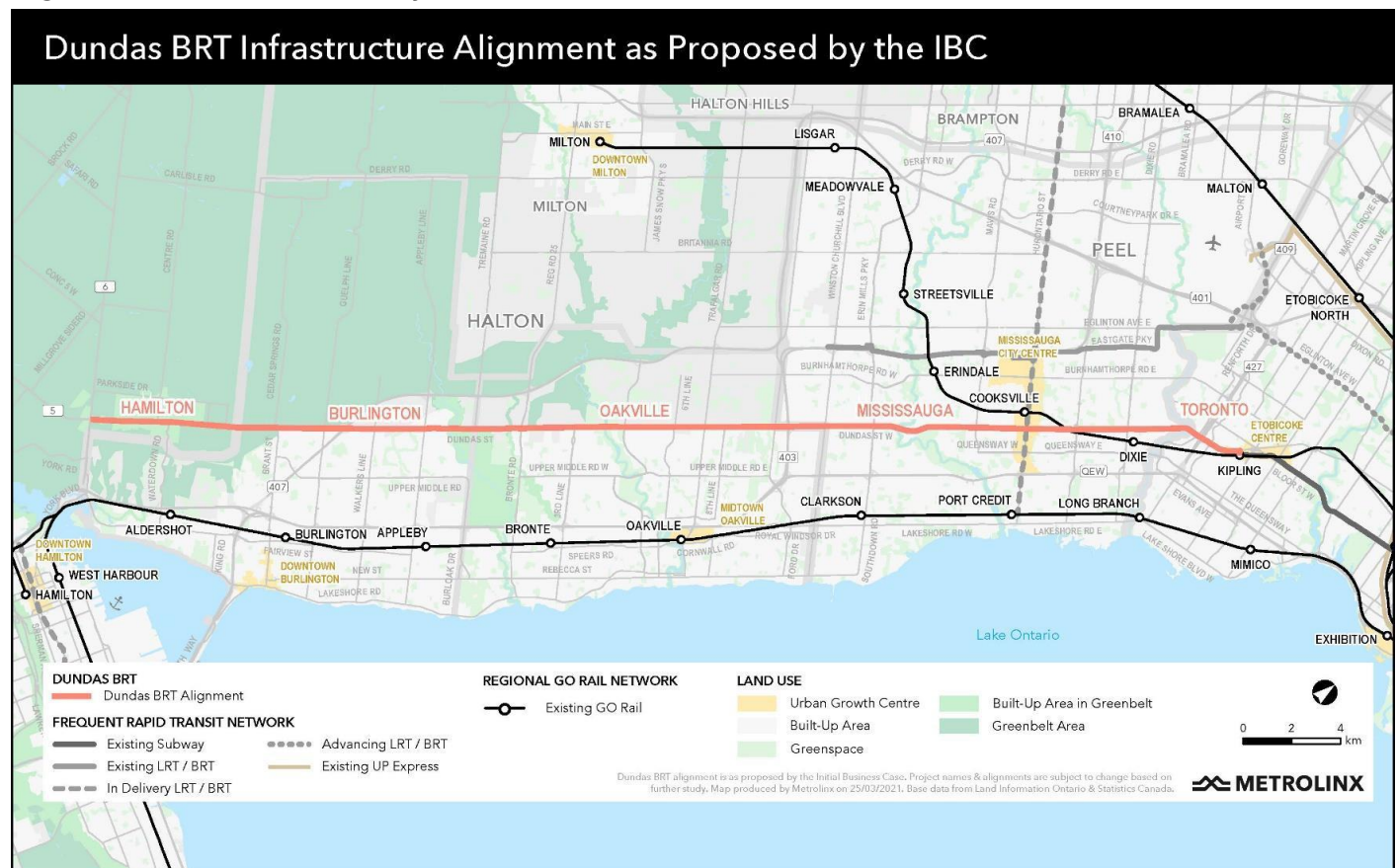
Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx wishes to build a cooperative and mutually respectful relationship with the Six Nations of the Grand River.

Metrolinx appreciates and respects Six Nations of the Grand River's desire to be appropriately informed and aware of projects. A letter was previously sent to Six Nations of the Grand River on May 3, 2021 as an introduction to the Dundas BRT. The purpose of this letter is to provide clarity on project information and share a draft Stage 1 Archaeological Assessment and Cultural Heritage Report for the Dundas BRT with Six Nations of the Grand River for review and comment.

Project Description & Study Area

The Dundas BRT Project is a proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections. An image of the proposed alignment can be found in Figure 1 below.

Figure 1 – Dundas BRT Study Area.



Project Scope

Metrolinx is working collaboratively with stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case.

The Preliminary Design and Preliminary Design Business Case will support the totality of the proposed 48-kilometre alignment of the Dundas BRT project.

- The Preliminary Design will build upon the pre-planning completed as part of the environmental assessment process outlined below. The project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits to reduce the site-specific impacts identified in the TPAP.
- The Preliminary Design will generate the analytic information to feed the Preliminary Design Business Case.
- The Preliminary Design Business Case, which is expected to be completed in April 2022, is the next step in Metrolinx's business case process and builds upon the work done in the Initial Business Case.

As indicated in Figure 1, the proposed alignment transverses multiple municipalities.

Portions of the proposed alignment have already been subject to previous environmental assessments which will inform this project, including:

- Previous assessment of the Dundas Corridor as part of the [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018.
- Environmental assessments for the Hamilton-Halton portion, which have already been completed by the region/municipalities.

Please note the procurement and construction model for this Project will be developed as part of the Preliminary Design process. As a result, future engagement following the Transit Project Assessment Process during the detailed design and construction phases of the Project may or may not be led by Metrolinx. Metrolinx is committed to ensuring the contracting authority and constructor for this project completes appropriate engagement with community during future phases of the Project.

Current Status

The Dundas BRT project has been divided into the following four separate segments:

1. Toronto (Kipling Transit Hub in the City of Toronto to Etobicoke Creek),
2. Mississauga East (Etobicoke Creek to Confederation Parkway),
3. Mississauga West (Confederation Parkway to Ninth Line) and
4. Halton-Hamilton (Ninth Line to Highway 6 in Hamilton).

Three separate Transit Project Assessment Processes (TPAPs) will be conducted for the alignment in the Toronto, Mississauga East and Mississauga West sections. The Halton-Hamilton section does not require a TPAP as work and studies have been already been completed by the region/municipalities. The study areas for each project are outlined in **Figure 2**.

The following table provides a summary for your reference (**Table 1**):

Project Segment	Municipal Co-Proponent	Environmental Assessment Process
Toronto	N/A	TPAP to be completed
Mississauga East	City of Mississauga	TPAP to be completed
Mississauga West	City of Mississauga	TPAP to be completed
Halton-Hamilton	N/A	Previously Studied

Toronto, Mississauga East and Mississauga West Segments

Environmental studies are being completed in Toronto, Mississauga East and Mississauga West to identify the baseline conditions, determine any potential for impacts on and resulting from the proposed project, and propose measures to mitigate potential negative impacts.

Halton and Hamilton Segments

Through Halton Region, much of the corridor has been studied under various Municipal Class Environmental Assessment (EA) studies. This portion of the corridor has already been widened to six lanes.

For this portion of the corridor located within the City of Hamilton, it is anticipated only operational changes will occur. An evaluation for converting the future High Occupancy Vehicle (HOV) lanes to dedicated curbside BRT lanes is underway and will be shared during future engagement. In addition to conversion of the HOV lanes to dedicated BRT lanes, potential traffic signal changes including transit signal priorities and lane changes including queue jump lanes are being explored.

Any further operational or localized design modifications contemplated by the Preliminary Design and Preliminary Design Business Case have been determined to be exempt from the TPAP (no further Environmental Assessment Act requirements) and can be addressed through the Municipal Class EA Schedule A and A+ (pre-approved) process.

Anticipated TPAP Project Timelines

The following table (**Table 2**) provides an overview of the anticipated timelines associated with each of the required TPAPs to support the Dundas BRT project:

Milestone	Dundas BRT Project - Toronto	Dundas BRT Project - Mississauga East	Dundas BRT Project - Mississauga West
Public Meeting Round #2	September 2021	September 2021	September 2021
Notice of Commencement	May 2022	December 2021	May 2022
30-Day Public and Stakeholder Review	July 2022	March 2022	July 2022
35-Day Minister Review	August 2022	April 2022	August 2022

*We anticipate an update to the Halton and Hamilton section to be included in public meeting round 3 anticipated for December 2021 to January 2022.

Anticipated Field Surveys and Studies

Environmental field surveys and studies are anticipated to be completed to support the Dundas BRT Project for the three separate TPAPs, a summary of which can be found in **Appendices A, B and C**.

Archaeology

Metrolinx completed a Stage 1 Archaeological Assessment (Stage 1 AA) for the Mississauga East segment which is attached for Six Nations of the Grand River's review. Based on the results of background studies, and a review of the City of Mississauga Official Plan, it has been determined that archaeological potential still exists within some small portions of the Study Area, outlined in **Figure 3**.

The Stage 1 AA concluded there is high potential for Indigenous and 19th century Euro-Canadian archaeological resources to be present within the Study Area. Considering these results, prior to any ground disturbing activities, a Stage 2 AA is recommended for all land identified as retaining archaeological potential. Metrolinx acknowledges that Six Nations of the Grand River should be aware of and engaged regarding any future archaeology, and especially the discovery and preservation of Indigenous artifacts and sacred burial grounds.

Any additional archaeological assessments will occur following the TPAP as part of the detailed design and construction phases. As it is not yet known if Metrolinx will be leading the next phases of this project, we will ensure commitments to include Indigenous monitors in any future archaeological work are shared with the constructor.

Metrolinx welcomes any comments or feedback Six Nations of the Grand River may have on this draft Stage 1 AA. Should you wish to provide comments on this report, please submit your feedback in writing by **October 08, 2021**.

Cultural Heritage

Metrolinx completed a draft Cultural Heritage Report for the Mississauga East segment which is attached for Six Nations of the Grand River's review. The purpose of the draft Cultural Heritage Report (CHR) is to identify existing baseline cultural heritage conditions within the Cultural Heritage Study Area (**Figure 4**), including:

- a historical review of the development of the study area,
- completion of a field investigation,
- present an inventory of all known, and
- previously identified and potential built heritage resources and cultural heritage landscapes within the Cultural Heritage Study Area.

Thus far, a total of 17 cultural heritage resources, including 12 built heritage resources and four cultural heritage landscapes are within the grading limits of the proposed design and are anticipated to be directly impacted by the Project. In addition, three cultural heritage plaques are also anticipated to be impacted.

Based on the preliminary assessment, it is recommended a Cultural Heritage Evaluation Report (CHER) be undertaken for five (5) built heritage resources and a Heritage Impact Assessment (HIA) be undertaken for 12 built heritage resources and cultural heritage landscapes. It remains unclear at this stage if Metrolinx will be undertaking these reports, but we welcome any feedback Six Nations of the Grand River may have in the recommended Cultural Heritage Evaluation Reports and/or Heritage Impact



Assessments. We will endeavour to ensure any feedback is included as part of the project file.

Please submit all comments and feedback related to this draft CHR by **October 08, 2021**.

Additional Information

For your awareness, the first public engagement for the Project was held virtually from April 19 to April 30, 2021. The second public engagement will be held virtually from September 2 to September 23, 2021. The purpose of this second round of public consultation includes outlining existing environmental conditions and presenting the BRT corridor design for Mississauga.

We extend an open invitation to you and members of Six Nations of the Grand River to attend this virtual Open House, however, this would not preclude any request from you to meet with Metrolinx directly. The virtual engagement can be accessed beginning on September 2, 2021 at <http://metrolinxengage.com/dundasbrt>.

Engagement

We are committed to an open, respectful, and transparent engagement with Six Nations of the Grand River. We are happy to address any questions Six Nations of the Grand River may have about the Draft Stage 1 Archaeological Assessment and draft Cultural Heritage Report for the Dundas BRT project.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a meeting, please contact Jaimi O'Hara, Acting Manager, Indigenous Relations at Metrolinx at IndigenousRelations@metrolinx.com.

Please note any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.

Yours Truly,

A handwritten signature in black ink, reading 'Paul Niejadlik'.

Paul Niejadlik
Manager, Environmental Programs and Assessment, Metrolinx

cc: Chief Mark Hill, Six Nations of the Grand River
Dawn LaForme, Secretary/Receptionist, Six Nations of the Grand River



Dawn Russell, Administrative Assistant, Six Nations of the Grand River
Tanya Hill-Montour, Archaeological Coordinator, Six Nations of the Grand River
Robbin Vanstone, Consultation Supervisor, Six Nations of the Grand River
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment,
Metrolinx
Piruthuvi Thurairajah, Project Coordinator, Environmental Programs &
Assessment, Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 2 - Dundas BRT - Four Project Areas

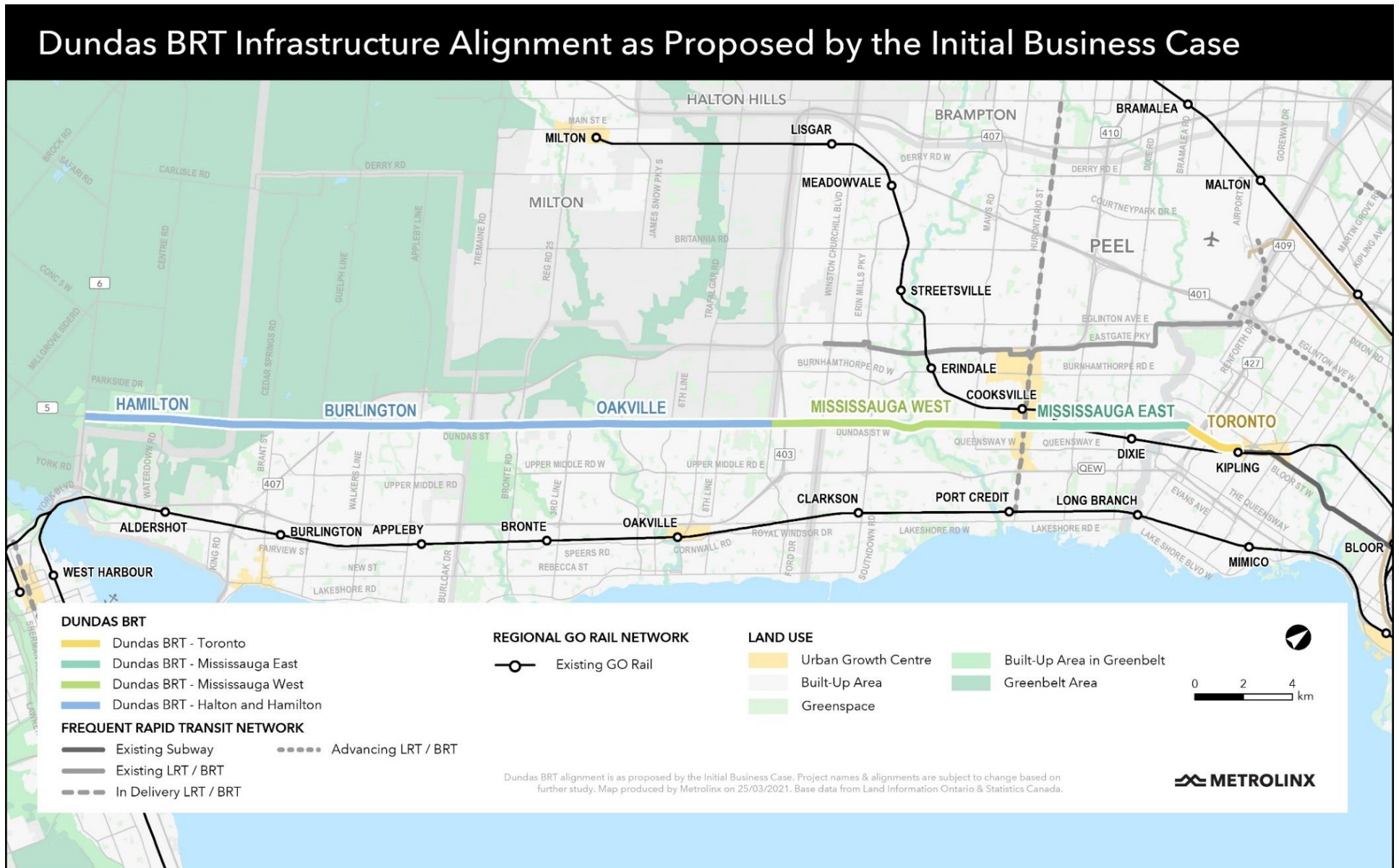


Figure 3 - Dundas BRT Mississauga East Stage 1 Archaeology Study Area

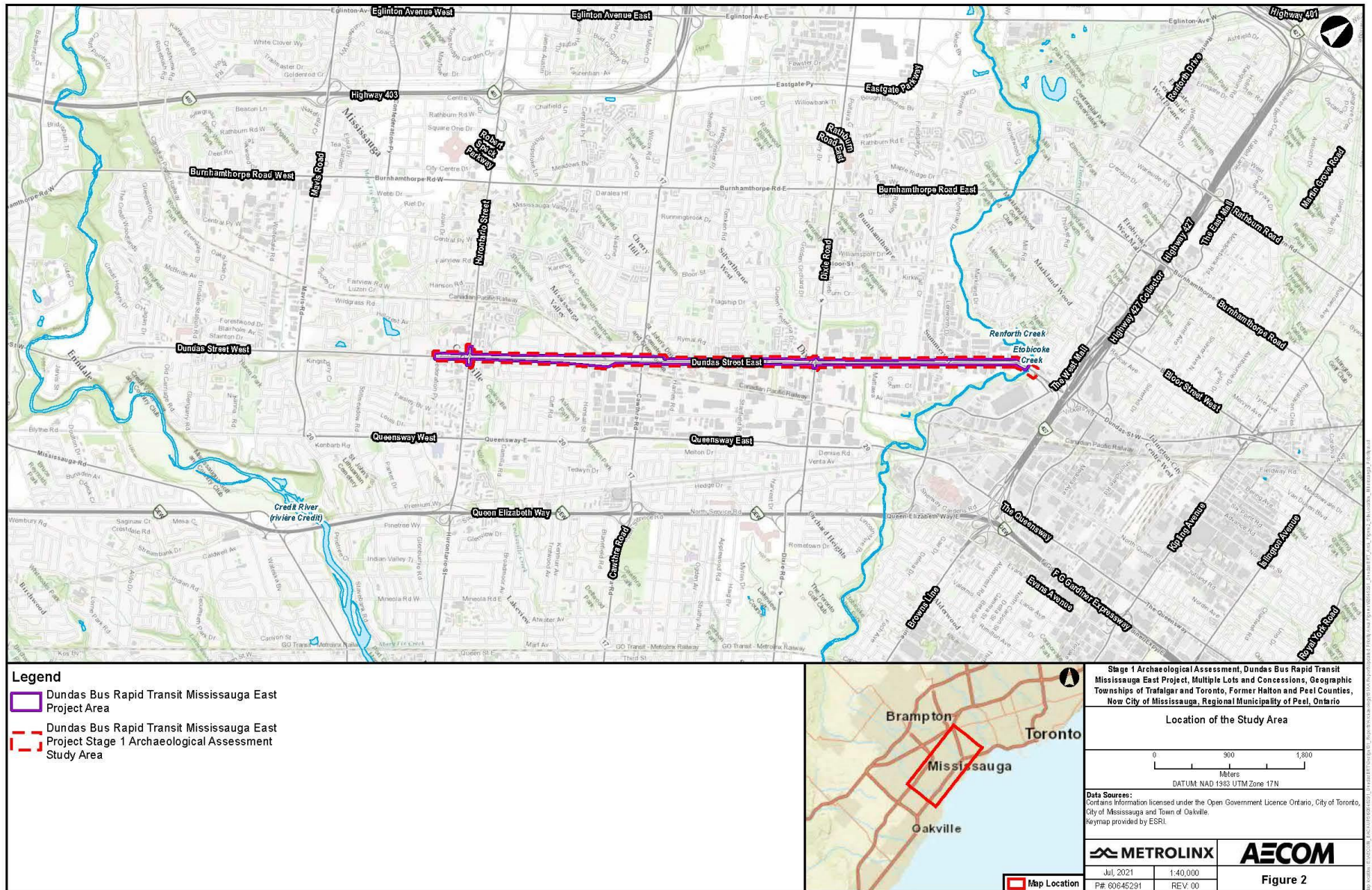
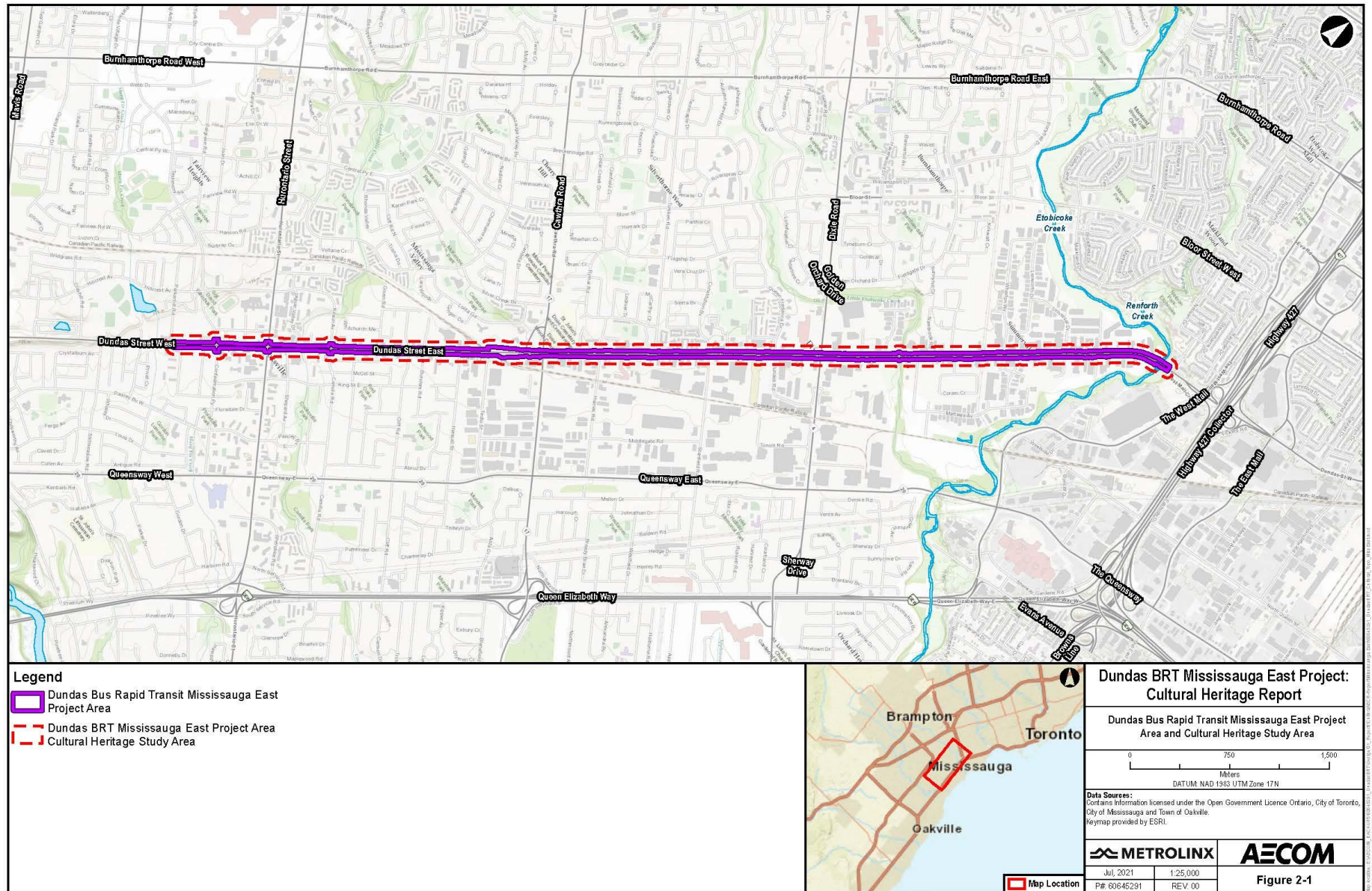


Figure 4 - Dundas BRT Mississauga East Cultural Heritage Study Area



Appendix A - Anticipated Field Surveys and Studies for Dundas BRT - Toronto Segment

Toronto Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field survey
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Stage 1 AA provides an overview of the areas having archaeological potential Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix B - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga East Segment

Mississauga East Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> • No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> • Field surveys anticipated Summer/Fall 2021
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> • Field surveys completed Spring 2021 • Draft report shared August 24, 2021
Limited Phase I Environmental Site Assessment Report	<ul style="list-style-type: none"> • Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> • Field surveys completed Spring/Summer 2021 • Draft report to be circulated Summer/Fall 2021
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> • No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> • Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

Appendix C - Anticipated Field Surveys and Studies for Dundas BRT - Mississauga West Segment

Mississauga West Dundas BRT Project	
Air Quality Impact Assessment	<ul style="list-style-type: none"> No anticipated field surveys
Arborist Report	<ul style="list-style-type: none"> Field surveys anticipated Summer 2022
Stage 1 Archaeological Assessment (AA)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Cultural Heritage Report (CHR)	<ul style="list-style-type: none"> Field surveys completed Spring 2021 Draft report to be circulated Winter/Spring 2022
Limited Phase I Environmental Site Assessment Report (Spring 2021)	<ul style="list-style-type: none"> Field surveys completed Spring 2021
Natural Environment	<ul style="list-style-type: none"> Field surveys completed Spring/Summer 2021 Draft report to be circulated Winter/Spring 2022
Noise and Vibration Impact Assessment (no fieldwork)	<ul style="list-style-type: none"> No anticipated field surveys
Socio-Economic and Land Use Study	<ul style="list-style-type: none"> Field surveys completed Spring 2021

*Approximate timing of the work outlined above is subject to change based on several factors, including approvals and weather

From: [Indigenous Relations](#)
To: lonnybomberry@sixnations.ca
Cc: [Mark B. Hill](#); [Dawn LaForme](#); [Dawn Russell](#); tanyahill-montour@sixnations.ca; jenmtpleasant@sixnations.ca; rvanstone@sixnations.ca; [Darcy Wiltshire](#); [Piruthuvi Thuraiajah](#); [Zul Hamzah](#)
Subject: Dundas Bus Rapid Transit Project - Project Introduction
Date: Monday, May 3, 2021 2:46:25 PM
Attachments: [REDACTED]

Dear Lonny and Team,

Metrolinx is working to advance the Dundas Bus Rapid Transit (BRT) project through the Transit Project Assessment Process, Preliminary Design and Preliminary Design Business Case. We are evaluating the proposed bus rapid transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto.

More details about the project can be found here:
<https://www.metrolinxengage.com/en/engagement-initiatives/dundasbrrt>.

I have also attached a letter that provides high level details on the project, including an update on the Transit Project Assessment Process and archaeological and natural environment work planned for this year.

Metrolinx would welcome the opportunity to meet with you to provide more information and discuss any interests or questions that you may have. I am happy to meet virtually or speak by telephone if you require further information.

We appreciate the volume of documents that Metrolinx has shared as well as the number of projects Metrolinx wishes to engage on with your Nation. As always, I remain open to hearing more your Nation about ways in which we can make engagement more meaningful.

Please do not hesitate to contact me.

Miigwetch,

Fallon

Fallon Melander
Manager, Indigenous Relations
Metrolinx
10 Bay Street | Toronto | Ontario | M5J 2R8
437.225.0302



May 03, 2021

Chief Mark Hill
c/o Lonny Bomberry, Director, Lands & Resources
Six Nations of the Grand River
1695 Chiefswood Road
Ohsweken, ON N0A 1M0
Delivered by Email

Dear Mr. Bomberry,

RE: Project Introduction - Dundas Bus Rapid Transit Project

Metrolinx, a regional transportation agency, is helping to transform the way the Greater Golden Horseshoe region moves by building a fast, convenient and integrated transit network. As part of this work, Metrolinx is proposing the Dundas Bus Rapid Transit (BRT) Project. Metrolinx recognizes that this proposed work is situated on the treaty territory of the Mississaugas of the Credit First Nation. Metrolinx wishes to build a strong, constructive, cooperative, and mutually respectful and beneficial relationship with the Six Nations of the Grand River. Metrolinx appreciates and respects Six Nations of the Grand River's desire to be appropriately informed and aware of projects. The purpose of this letter is to share information regarding this proposed project and invite feedback regarding Six Nations of the Grand River's interest in the project and approach to engagement.

Project Description

Metrolinx is working collaboratively with our stakeholders to advance the Dundas BRT project through the Transit Project Assessment Process (TPAP), Preliminary Design and Preliminary Design Business Case (PDBC), which is the next step in Metrolinx's Business Case Lifecycle following the public release of the project's Initial Business Case in 2020.

The purpose of the Dundas BRT Project is to evaluate the proposed transit corridor along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto, linking Etobicoke and Mississauga City Centres. More than 20 kilometres, of the 48 kilometre BRT, will operate in bus lanes or in a dedicated right-of-way, separate from other traffic, allowing faster and more reliable transit connections.

Study Area

The Project's study area is along a 48 kilometre stretch of Dundas Street from Highway 6 in the City of Hamilton through to Kipling Station in the City of Toronto. An image of the proposed alignment can be found in **Figure 1**.

Dundas BRT Project History

The timeline below outlines the history of this project to date:

- 2010 Dundas Street Rapid Transit Benefits Case Analysis, Metrolinx
- 2012 New East-West Road Corridor Class EA (Highway 6 to Brant Street), City of Hamilton
- 2013 Transportation EA Future Highway 5 / Highway 6 Interchange and Associated Municipal Roads and Commuter Parking Lot in the City of Hamilton (Clappison's Corners), Ministry of Transportation
- 2012-2019 Class Environmental Assessments Dundas Street (Brant Street to Highway 403), Halton Region
- 2015 Kipling Bus Terminal Study, Metrolinx
- 2016-2018 Dundas Connects Study, City of Mississauga
- 2018 City of Mississauga's Dundas Connects Master Plan, endorsed by City of Mississauga Council
- 2018 Dundas BRT was recognized in Metrolinx's 2041 Regional Transportation Plan as in-development project
- 2020 407 Transitway TPAP Study, Ministry of Transportation
- 2020 Dundas BRT Initial Business Case, Metrolinx
- 2021 Metrolinx and the City of Mississauga began work on the Preliminary Design (PD), Transit Project Assessment Process (TPAP) and Preliminary Design Business Case (PDBC) and reintroduced the project to the community

Project Scope

This project has been divided based on jurisdictional boundaries (**Figure 2**) and to recognize differences in planning studies completed along the corridor:

Toronto Section

- The Toronto section runs along Dundas Street from the Kipling Transit Hub in the east to Etobicoke Creek in the west. The Kipling Transit Hub is the BRT route's eastern terminus.
- Metrolinx is the proponent under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Toronto section.

Mississauga Section

- The Mississauga section continues along Dundas Street from Etobicoke Creek in the east to Ninth Line in the west.
- Metrolinx and the City of Mississauga are co-proponents under the Transit Project Assessment Process to investigate bus lanes or a dedicated bus right-of-way for the Mississauga section of the Dundas BRT Corridor.

Halton and Hamilton Section

- The Halton and Hamilton section runs on Dundas Street from the Ninth Line in the east to Highway 6 in the west. The corridor in this area has already been widened or has Environmental Assessment approval in place for the widening. The curb lanes include provision to accommodate potential high occupancy vehicle and/or bus-only lanes in the future.

Dundas BRT Infrastructure Alignment as Proposed by the Initial Business Case

Previous work studying the Dundas Corridor will be incorporated into this project. Several Municipal Class Environmental Assessments have been completed in Halton and Hamilton. This includes various road widening projects where, in Halton Region, the curb lanes include provision to accommodate potential high occupancy vehicle or bus-only lanes in the future. The [Dundas Connects Master Plan](#), completed and endorsed by Mississauga City Council in 2018, identified the following, which will be further explored as part of the current work:

- The type of transit suitable for the corridor
- Opportunities for enhanced connectivity along the corridor
- Streetscape design and active transportation facilities
- Initial design solutions to constrained sections of the corridor (pinch points)

Figure 3 shows the Dundas BRT Infrastructure Alignment as Proposed by the IBC.

The Preliminary Design Business Case (PDBC) is the next step in the business case process and builds upon the work done in the Initial Business Case. The PDBC will assist in refining the service plan for the corridor and identify risks and barriers that may impact the project. Metrolinx will be completing the Preliminary Design Business Case concurrently with the Transit Project Assessment Process for the City of Mississauga portion of the project.

Current Status

The project impacts will be assessed following the Transit Project Assessment Process (TPAP) for the Toronto and Mississauga sections, as prescribed in Ontario Regulation 231/08 under the Environmental Assessment Act. As part of the TPAP, an Environmental Project Report (EPR) will be prepared for public review.



Metrolinx and the City of Mississauga are completing environmental studies in Toronto and Mississauga to identify the baseline conditions, determine any potential for impacts and propose measures to mitigate potential negative impacts.

The general approach for the Halton and Hamilton section is being considered through to the Preliminary Design Business Case will be to utilize the existing/planned cross-section, provide transit priority and bus service in high occupancy vehicle lanes and/or convert the curbside lane into a dedicated BRT lane. The Dundas BRT project will consider curbside bus stop locations, designs and consider requirements for buses turning on and off the corridor to select destinations, queue jump lanes, and transit signal priority.

Anticipated Field Surveys and Studies

The following environmental field surveys and studies that are anticipated to be completed to support this project. Approximate timing of the work outlined below, however is subject to change based on a number of factors, including approvals and weather:

- Air Quality Impact Assessment (no field work)
 - Includes operations and construction emissions modelling and mitigation strategies
- Arborist Report - Toronto Section, Eastern portion of Mississauga Section (Summer 2021)
 - Tree details within the study area
- Arborist Report - Mississauga Section (Spring 2022)
 - Tree details within the study area
- Archaeological Assessment (AA) Stage 1 (Spring 2021)
 - Stage 1 AA provides an overview of the areas having archaeology potential
- Cultural Heritage Report (CHR) (Spring 2021)
 - Identifies properties that have the potential for heritage resources and mitigation strategies
- Limited Phase I Environmental Site Assessment Report (Spring 2021)
 - Identifies actual and/or potentially contaminating activities along the alignment/corridor and the proposed associated infrastructure (study area)
- Natural Environment (Spring 2021)
 - Ecological Land Classification
 - Breeding Bird Surveys
 - Significant Wildlife Habitat and Species-at-Risk screening
- Noise and Vibration Impact Assessment (no fieldwork)
 - Summarizes potential noise and vibration effects and mitigation strategies

- Socio-Economic and Land Use Study (Spring 2021)
 - An overview of the social and economic characteristics and potential effects

Archaeology

The Stage 1 AA will provide information about the geography, history previous archaeological fieldwork and current land condition pertaining to the Study Area to evaluate the archaeological potential in detail. A Stage 1 AA will describe the results of all background research and field review and will contain all necessary photographic and cartographic documentation. Metrolinx will ensure that Six Nations of the Grand River has an opportunity to review and provide comments on the Stage 1 AA prior to submission to the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).

The need for any further archaeological work, such as a Stage 2 AA, will be identified in the Stage 1 AA results. Metrolinx will ensure that Six Nations of the Grand River will be invited to participate in any Stage 2 or higher fieldwork and will keep Six Nations of the Grand River apprised of the status of archaeological work and schedule as environmental assessments continue to be completed.

Preliminary Design

The preliminary design phase will build upon the pre-planning completed as part of the TPAP for Toronto and Mississauga. In this phase, the project team will utilize the environmental impact assessment from the TPAP to refine the BRT design to a 30% design level. The 30% design will seek to further refine corridor infrastructure widths such as lanes, buffers, boulevards, active transportation facilities, and grading limits in order to reduce the site-specific impacts identified in the TPAP. The preliminary design will generate the analytic information to feed the PDBC that will be completed by the project team to allow Metrolinx to make evidence-based investment decisions.

Project Timeline

- **Project Launch and Initiation of Preliminary Environmental Studies - 2020**
- Impact Assessment Studies - Summer 2020 to Summer 2021
- Public Meeting Round #1 - April 19 - 30, 2021
- Public Meeting Round #2 - Summer 2021
- Draft EPR Addendum Preparation - Summer 2021
- **Notice of EPR Addendum - Fall 2021**
- Public Meeting Round #3 - Fall 2021
- 30-day public and stakeholder review
- 35-day Minister's review
- **Preliminary Design Business Case - 2022**



Next Steps

Metrolinx is working to gather details about the existing environmental conditions of the Toronto and Mississauga sections of the corridor. We are also developing a corridor design and design alternatives to the constrained sections of the corridor. This information is anticipated to be prepared and available by summer 2021.

Transit Project Assessment Process (TPAP) next steps include:

- Complete existing conditions mapping and reporting.
- Prepare environmental impact and mitigation measures as part of the final Environmental Project Report (EPR)
- Public engagement
- Prepare for commencement of TPAP
- EPR preparation

Preliminary Design next steps include:

- Develop design at pinch points
- Select and analyze preferred alternative
- Develop preferred corridor design for TPAP

Engagement

Metrolinx would appreciate knowing about any interest Six Nations of the Grand River may have in the Project. We would like to know if there are any potential impacts of the proposed project on Six Nations of the Grand River's rights and/or interests. Metrolinx would welcome the opportunity to meet with Six Nations of the Grand River to provide more information and discuss any interests or questions that your Nation may have. Please let us know how best we might engage with Six Nations of the Grand River.

Additional Information

For additional information regarding this project, including public meeting related materials, please visit: <http://metrolinxengage.com/dundasbrrt>.

If you require additional information or materials, or if you wish to discuss this project in more detail or set up a virtual meeting, please contact the Indigenous Relations Office at your earliest convenience at IndigenousRelations@metrolinx.com. We kindly request that you notify us of your interest in this project and how you may wish to engage with Metrolinx, in writing, by **June 7, 2021**.

Please note that any information you provide to Metrolinx, or its delegates, will be subject to the *Freedom of Information and Protection of Privacy Act*.

Thank you for your time in reviewing this letter. Please do not hesitate to contact me if you have any questions or concerns.



Yours Truly,

A handwritten signature in cursive script that reads 'f. melander'.

Fallon Melander
Manager, Indigenous Relations Office

cc: Chief Mark Hill, Six Nations of the Grand River
Dawn LaForme, Secretary/Receptionist, Six Nations of the Grand River
Dawn Russell, Administrative Assistant, Six Nations of the Grand River
Tanya Hill-Montour, Archaeological Coordinator, Six Nations of the Grand River
Jen Mt. Pleasant, Consultation Point Person, Six Nations of the Grand River
Robbin Vanstone, Land Use Officer, Six Nations of the Grand River
Indigenous Relations Office, Metrolinx
Darcy Wiltshire, Project Manager, Environmental Programs & Assessment, Metrolinx
Piruthuvi Thurairajah, Project Coordinator, Environmental Programs & Assessment, Metrolinx
Zul Hamzah, Advisor, Rapid Transit Planning, Metrolinx

Figure 1 - Proposed Dundas BRT Alignment

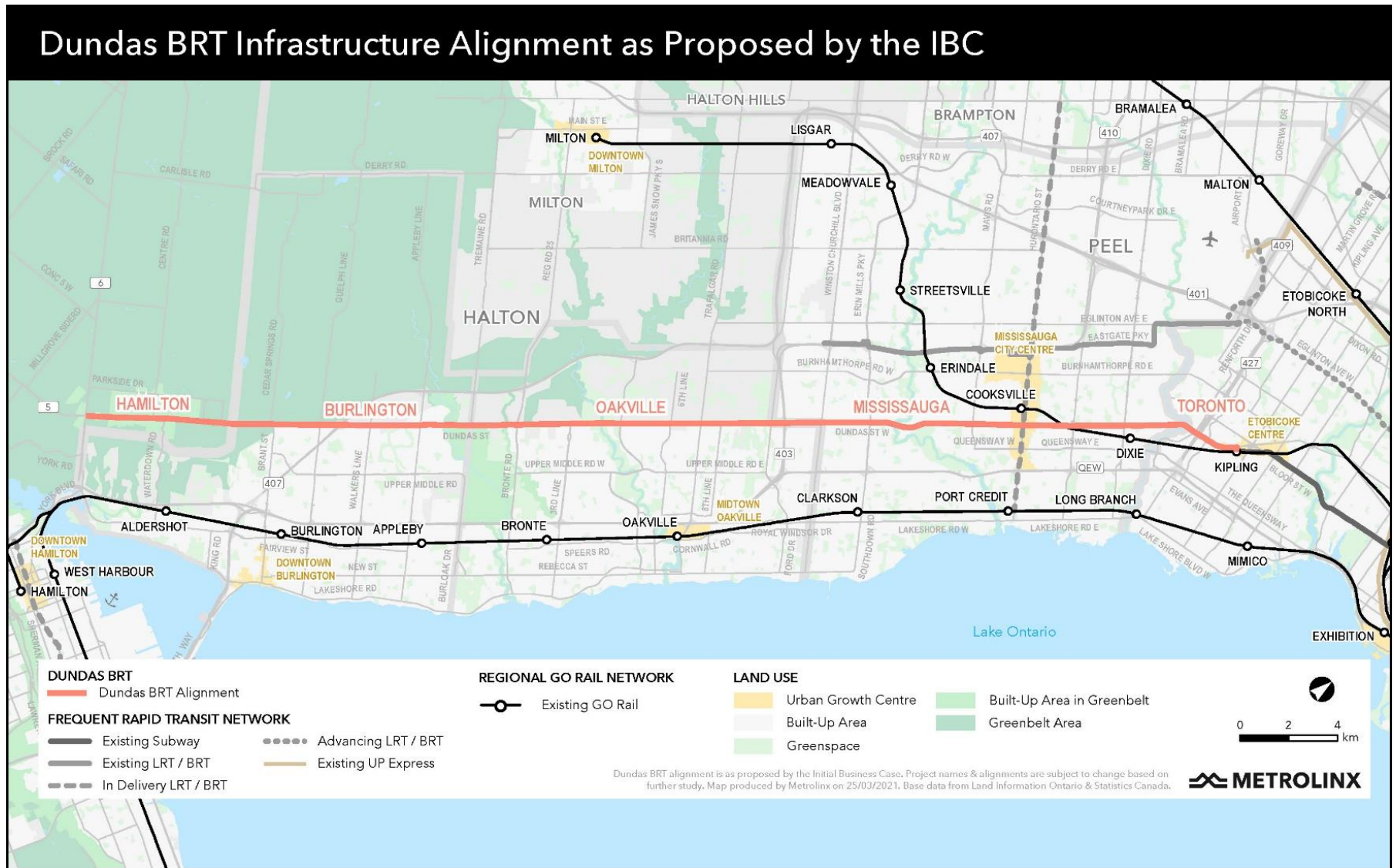


Figure 2 - Dundas BRT - Jurisdictional Boundaries

Dundas BRT Infrastructure Alignment as Proposed by the IBC

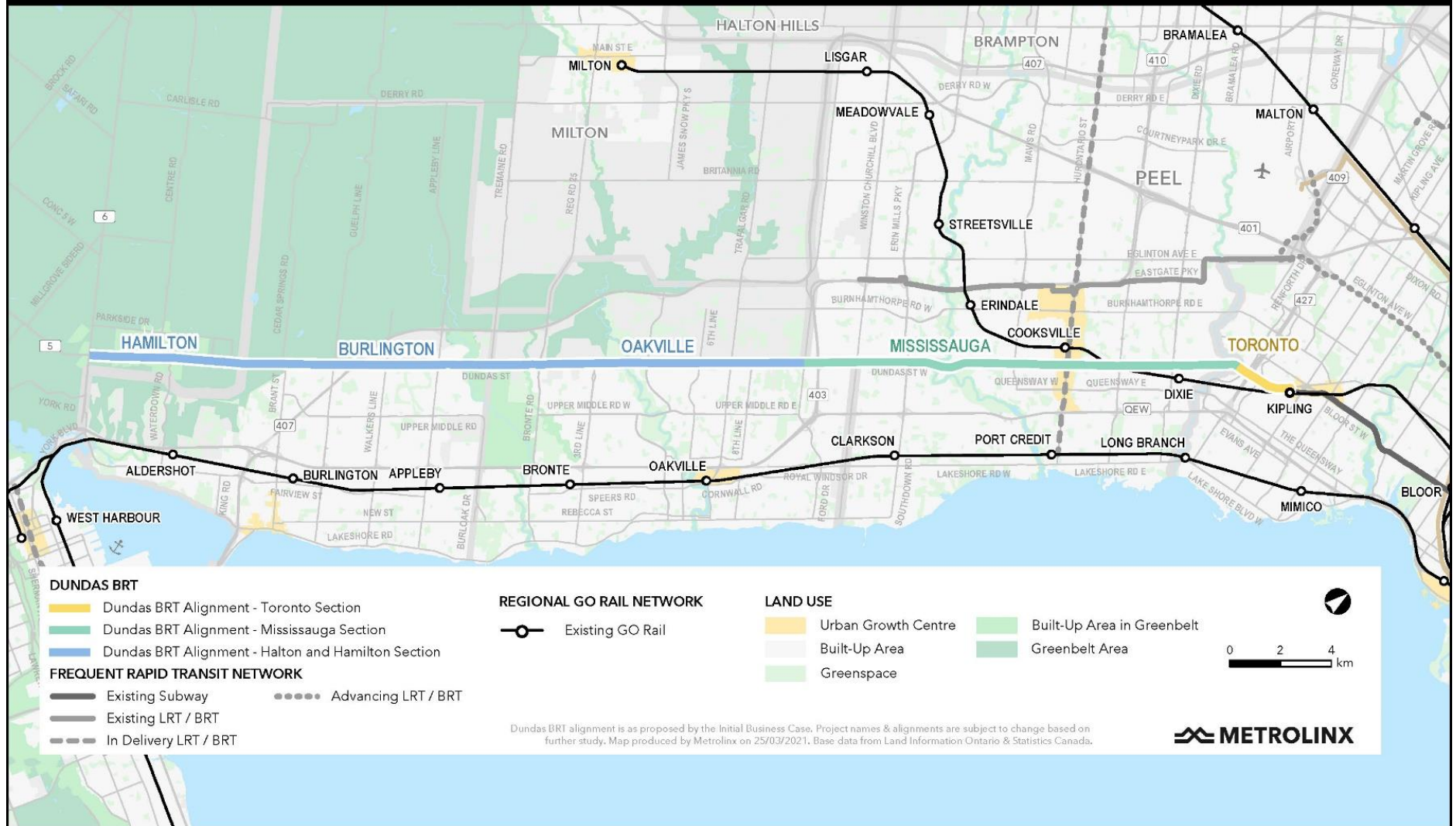


Figure 3 - Dundas BRT Infrastructure Alignment as Proposed by the IBC

Dundas BRT Infrastructure Alignment as Proposed by the IBC

