

APPENDIX

B

INDIGENOUS CONSULTATION



Shams, Aniq

From: Kelly, Mary K
Sent: Monday, March 14, 2016 2:19 PM
To: Bell, Trevor (MOECC)
Cc: Young, Rob
Subject: City of Brampton - Area 47 Class EA - Aboriginal Consultation
Attachments: 15-11-12 Sent Notice of Commencement Arterial R5.pdf

Good afternoon Trevor,

As a follow-up to our ongoing discussions on identifying the list of potentially interested Aboriginal groups, we would like to request that the MOECC's Aboriginal Advisor consider the following list of Aboriginal groups for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Class EAs (City of Brampton).

- Mississaugas of the New Credit First Nation
- Six Nations of the Grand River
- Haudenosaunee Development Institute
- Métis Nation of Ontario (including CC to local chapter)

The project (Notice of Commencement attached) involves to Class EAs covering the following areas:

- Location 1: Part A
 - North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50
 - Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50
- Location 2: Part B
 - East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
 - Clarkway Drive from Castlemore Road to Mayfield Road.
 - Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50

The potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and the development of new roads there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
- Heritage properties and cultural heritage landscapes
- Environmental features including land-based and water-based environments

If you should have any questions or comments please do not hesitate to contact. And again, thank-you for your continued support with this process.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

Shams, Aniq

From: Noordhof, Jake (MOECC) <jake.noordhof@ontario.ca>
Sent: Monday, April 4, 2016 4:11 PM
To: Kelly, Mary K
Cc: Bell, Trevor (MOECC); Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA - Aboriginal Consultation Follow-up

Hi Mary K.

For starters, all of the Aboriginal organizations should be removed from the consultation list. Consultation is to occur with individual Aboriginal communities who are the rights holders.

I recommend that the following Aboriginal communities and organization be notified of this project:

- Mississaugas of the New Credit First Nation
- Alderville First Nation
- Curve Lake First Nation
- Hiawatha First Nation
- Mississaugas of Scugog First Nation
- Métis Nation of Ontario
- Credit River Métis Council

Please let me know if you would like to discuss.

Jake

From: Kelly, Mary K [mailto:mary.k.kelly@amecfw.com]
Sent: March-29-16 11:45 AM
To: Noordhof, Jake (MOECC)
Cc: Bell, Trevor (MOECC); Young, Rob
Subject: City of Brampton - Area 47 Class EA - Aboriginal Consultation Follow-up

Hi Jake,

Thanks for our discussion regarding the longer list of Aboriginal groups that may have an interest in the Area 47 project for the City of Brampton. We provided a short list of potentially interested Aboriginal groups to Trevor Bell on March 14 for your review(see attached email, which included Six Nations of the Grand River, Mississaugas of the New Credit First Nation, Haudenosaunee Development Institute, and Métis Nation of Ontario). The longer list that we would like to seek further guidance on is below.

- Aboriginal organizations
 - Association of Iroquois & Allied Indians
 - Founding First Nation Circle
 - Peel Aboriginal Network
 - Union of Ontario Indians
- First Nations
 - Alderville First Nation
 - Beausoleil First Nation

- Chippewas of Georgina Island
- Chippewas of Rama First Nation
- Curve Lake First Nation
- Hiawatha First Nation
- Mississaugas of Scugog Island First Nation
- Moose Deer Point First Nation
- Métis
 - Credit River Métis Council

If you should have any questions please do not hesitate to contact us.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com



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CATEGORY	AGENCY	FIRST NAME	SECOND NAME	POSITION	ADDRESS 1	Address 2	City	Province	Postal Code
First Nation	Haudenosaunee Development Institute	Hazel	Hill		16 Sunrise Court, Suite 407	P.O. Box 714	Ohswéken	ON	N0A 1M0
First Nation	Mississauga of the New Credit First Nation	Fawn	Sault		6 First Line Rd.	R.R. #6	Hagersville	ON	N0A 1H0
First Nation	Métis Nation of Ontario	Aly N.	Alibhai	Director	75 Sherbourne Street, Suite 311		Toronto	ON	M5A 2P9
First Nation	Six Nations of the Grand River	G.Ava	Hill	Chief	2498 Chiefswood Road	P.O. Box 5000	Ohswéken	ON	N0A 1M0
First Nation	Curve Lake First Nation	Phyllis	Williams	Chief	22 Winookeedaa Road		Curve Lake	ON	K0L 1R0
First Nation	Curve Lake First Nation	Melissa	D		22 Winookeedaa Road		Curve Lake	ON	K0L 1R0
First Nation	Hiawatha First Nation	Greg	Cowie	Chief	123 Paudash Street		Hiawatha	ON	K9J 0E6
First Nation	Mississaugas of Scugog Island First Nation	Kelly	LaRocca	Chief	22521 Island Road		Port Perry	ON	L9L 1B6
First Nation	Alderville First Nation	Jim Bob	Marsden	Chief	11696 2nd Line Road	P.O. Box 46	Alderville	ON	K0K 2X0
First Nation	Alderville First Nation	S	Anderson		11696 2nd Line Road	P.O. Box 46	Alderville	ON	K0K 2X0
First Nation	Hiawatha First Nation	Tom	Cowie	Community Consultation Wor	123 Paudash Street		Hiawatha	ON	K9J 0E6

Oke, Jessalyn

From: Kelly, Mary K
Sent: March-23-16 2:10 PM
To: alya@metisnation.org
Cc: Parajuli, Bishnu; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
Attachments: 16-03-23_Area47LettertoMNO.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Mr. Alibhai,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

The City would welcome the opportunity to meet and discuss the Project with the Métis Nation of Ontario to better understand your interests and participation expectations.

I will follow-up with you next week to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

March 23, 2016

Aly N. Alibhai
Director, Lands, Resources and Consultations
Métis Nation of Ontario
75 Sherbourne Street, Suite 311
Toronto, ON
M5A 2P9

Email: alya@metisnation.org

Dear Mr. Alibhai:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments**
File: EA10-SP47-111

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
- Clarkway Drive from Castlemore Road to Mayfield Road
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50

The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that the Métis Nation of Ontario may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information, the City has attached

a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that the Métis Nation of Ontario may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to meet with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest in a meeting.

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

Sincerely,



Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Infrastructure Planning Section
Tel: 905-874-3644, Fax: 905-874-2505
bishnu.parajuli@brampton.ca

c.c. David Sinke, Amec Foster Wheeler

Enclosures: Project Information Sheet
Notice of Commencement

Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

Project Description

The City of Brampton is growing and in order to address transportation capacity needs in the area, the City is considering different ways to address this need. Recognizing that planning needs to occur before road construction can start, the City is conducting two Class Environmental Assessments (Class EAs). Amec Foster Wheeler Environment & Infrastructure is the consultant hired to complete the Class EA work.

A Class EA is a decision-making and planning process that identifies potential effects of projects, such as road improvements, so that they can be managed prior to implementation

Location 1: Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road (RR) 50
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of RR 50

Location 2: Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
- Clarkway Drive from Castlemore Road to Mayfield Road
- Countryside Drive from west of Clarkway Drive to RR 50 including possible realignment at RR 50

Class Environmental Assessment

The Secondary Plan Area 47 Transportation Master Plan completed by the City of Brampton in 2013 completed Phases I and II of the Class EA process, identifying a preliminary preferred road network. As part of the current studies, the preferred road network will be confirmed based on more detailed analysis. The purpose of these Class EA studies is to:

- confirm the recommended road improvements
- identify alternative designs
- identify potential effects and evaluate the alternatives
- confirm and finalize a preferred solution
- evaluate alternatives and identify the preferred improvement plan





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The first step in this process is to develop an understanding of the current (baseline) conditions in the study area and develop a forecast of future traffic growth. Once baseline conditions and future traffic levels are known, alternatives to meet the future growth demand will be developed.

The Class EA planning process helps identify potential effects of proposed projects. Each proposed alternative is assessed against baseline conditions to determine the potential effects, and where necessary, identify mitigation measures. From these alternatives, a preferred alternative will be identified.

A key component of this study is to consult with regulatory agencies, stakeholders and Aboriginal groups.

Baseline Studies

Baseline studies are prepared to describe the current biological, human and physical environment conditions. The following investigations will be completed as part of this study.

Biological Environment	Human Environment	Physical Environment
<ul style="list-style-type: none"> • Fisheries and Aquatic biology • Species At Risk • Vegetation • Wildlife 	<ul style="list-style-type: none"> • Archaeology • Build heritage • Land use • Socio-economics • Visual aesthetics / landscape design 	<ul style="list-style-type: none"> • Air quality and noise • Hydrology (lakes, rivers, etc.) • Hydrogeology (groundwater) • Soils

Potential Project-related Effects

Potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and new road development there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
- Heritage properties and cultural heritage landscapes
- Environmental features including land-based and water-based environments

Schedule and Next Steps

- Field Studies, tentatively planned for spring and summer 2016
- Public Information Sessions, tentatively planned for fall 2016 and spring 2017
- Environmental Study Report submission, tentatively planned for late 2017 / early 2018

Additional Information

For more information about the City's environmental assessments or this project, visit:

<http://www.brampton.ca/en/residents/Roads/engineering-construction/Pages/environmental-assessments.aspx>

<http://maps.brampton.ca/maps/roadworks/SitePages/road-works-details.aspx/2347/Highway-427-Industrial-Area-Arterial-Roads>

Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
P.Eng.
Senior Project Engineer
8850 McLaughlin Road, Unit 2
Brampton, ON L6Y 5T1
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905-874-2505
bishnu.parajuli@brampton.ca

Amec Foster Wheeler
Environment & Infrastructure
David Sinke, P.Eng.
Consultant Project Manager
3215 North Service Road,
P.O. Box 220
Burlington, ON L7N 3G2
905-335-2353
david.sinke@amecfw.com

NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

The Study

The City of Brampton, in partnership with the Region of Peel, has initiated two Schedule 'C' Municipal Class Environmental Assessments (Class EAs) for the following roads (ref. Key Plan):

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

In order to address transportation capacity needs in the area, a number of alternatives will be examined as part of the study including the overall impacts of alternatives on the social, cultural and natural environment.



The Process

The City of Brampton recently completed the Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan Study which fulfilled the requirements of Phases 1 and 2 of the Municipal Class EA process. The City is proceeding with Phases 3 and 4 of the Municipal Class EA process as part of this study. This notice marks the start of this Class EA Study, which will review and confirm the solutions recommended by the Transportation Master Plan Study in consultation with regulatory agencies, and the public. The study is being carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment (October 2000, as amended in 2007 and 2011), which is approved under the Ontario Environmental Assessment Act

Consultation with stakeholders (public and agencies) is a key component of the study. At least two Public Information Centres (PICs) will be held to discuss issues related to the project, including alternative solutions, evaluation criteria, environmental impacts and mitigation measures. PIC dates and details will be advertised as the study progresses. Upon completion of the study, Environmental Study Reports (ESRs) will be prepared and made available for public review and comment.

Comments Invited

If you have any questions or comments regarding the study, or wish to be added to the study mailing list, please contact either of the following project team members:

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Public Works
City of Brampton
8850 McLaughlin Road, Unit 2,
Brampton, ON L6Y 5T1
Tel : 905.874.2500
Fax : 905.874.2505
E-mail : bishnu.parajuli@brampton.ca

David Sinke, P.Eng.
Consultant Project Manager
Amec Foster Wheeler
Environment & Infrastructure
3215 North Service Road
Burlington, ON L7R 3G2
Tel : 905.335.2353
Fax : 905.335.1414
Toll Free : 1.866.751.2353
E-mail : david.sinke@amecfw.com

Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

To: Kelly, Mary K <mary.k.kelly@amec.com>; Bishnu.Parajuli@brampton.ca; Sinke, David <David.Sinke@amec.com>; Megan DeVries <Megan.DeVries@newcreditfirstnation.com>; Quentin Lewis <Quentin.Lewis@newcreditfirstnation.com>; Young, Rob <rob.young@amec.com>
Subject: Area 47 Class EAs Discussion with Mississaugas of the New Credit

Hello everyone,

Please be aware tomorrow's meeting is cancelled and will be rescheduled. I apologize for any inconvenience.

Sincerely

Fawn

Organizer: Kelly, Mary K
When: 10:00 AM - 12:00 PM April 20, 2016
Subject: Area 47 Class EAs Discussion with Mississaugas of the New Credit
Location: 6 First Line Rd., R.R. #6, Hagersville, ON

Sent from my BlackBerry 10 smartphone on the Bell network.



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www.brampton.ca/en/Info-Centre/Pages/Privacy-Statement.aspx

Oke, Jessalyn

From: Kelly, Mary K
Sent: April-22-16 1:19 PM
To: klarocca@scugogfirstnation.com; consultation@scugogfirstnation.com
Cc: Parajuli, Bishnu; Bobb, Compton; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
Attachments: 16-04-20_Area47LettertoMSIFN.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Chief LaRocca,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Mississaugas of Scugog Island First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

April 20, 2016

Chief Kelly LaRocca
Mississaugas of Scugog Island First Nation
22521 Island Road
Port Perry, ON L9L 1B6

Email: klarocca@scugogfirstnation.com

Dear Chief LaRocca:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments
File: EA10-SP47-111**

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
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- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that Mississaugas of Scugog Island First Nation may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information, the City has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that Mississaugas of Scugog Island First Nation may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to have a discussion with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest.

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

Sincerely,



Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
City of Brampton

Cc: David Sinke, Amec Foster Wheeler
Dave Mowat, Community Consultation Specialist (consultation@scugogfirstnation.com)
Monica Sanford, Community Consultation Administrative Assistant
(consultation@scugogfirstnation.com)

Encl: Project Information Sheet
Notice of Commencement

Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

Project Description

The City of Brampton is growing and in order to address transportation capacity needs in the area, the City is considering different ways to address this need. Recognizing that planning needs to occur before road construction can start, the City is conducting two Class Environmental Assessments (Class EAs). Amec Foster Wheeler Environment & Infrastructure is the consultant hired to complete the Class EA work.

A Class EA is a decision-making and planning process that identifies potential effects of projects, such as road improvements, so that they can be managed prior to implementation

Location 1: Part A

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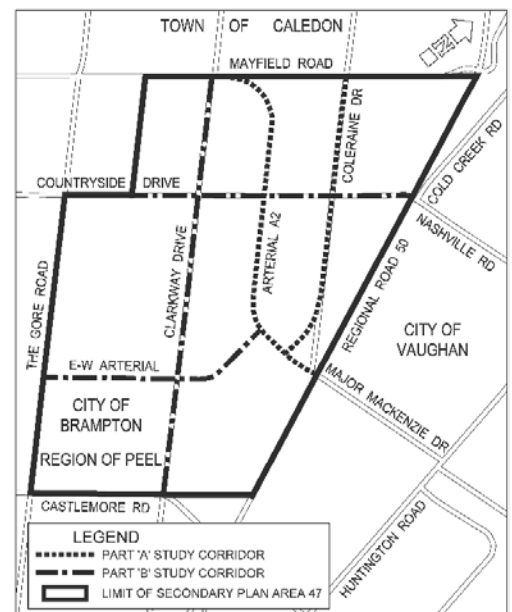
Location 2: Part B

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Class Environmental Assessment

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A key component of this study is to consult with regulatory agencies, stakeholders and Aboriginal groups.

Baseline Studies

Baseline studies are prepared to describe the current biological, human and physical environment conditions. The following investigations will be completed as part of this study.

Biological Environment	Human Environment	Physical Environment
<ul style="list-style-type: none"> Fisheries and Aquatic biology Species At Risk Vegetation Wildlife 	<ul style="list-style-type: none"> Archaeology Build heritage Land use Socio-economics Visual aesthetics / landscape design 	<ul style="list-style-type: none"> Air quality and noise Hydrology (lakes, rivers, etc.) Hydrogeology (groundwater) Soils

Potential Project-related Effects

Potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and new road development there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
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Schedule and Next Steps

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Additional Information

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<http://www.brampton.ca/en/residents/Roads/engineering-construction/Pages/environmental-assessments.aspx>

<http://maps.brampton.ca/maps/roadworks/SitePages/road-works-details.aspx/2347/Highway-427-Industrial-Area-Arterial-Roads>

Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
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Brampton, ON L6Y 5T1
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david.sinke@amecfw.com

NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

The Study

The City of Brampton, in partnership with the Region of Peel, has initiated two Schedule 'C' Municipal Class Environmental Assessments (Class EAs) for the following roads (ref. Key Plan):

Part A

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The Process

The City of Brampton recently completed the Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan Study which fulfilled the requirements of Phases 1 and 2 of the Municipal Class EA process. The City is proceeding with Phases 3 and 4 of the Municipal Class EA process as part of this study. This notice marks the start of this Class EA Study, which will review and confirm the solutions recommended by the Transportation Master Plan Study in consultation with regulatory agencies, and the public. The study is being carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment (October 2000, as amended in 2007 and 2011), which is approved under the Ontario Environmental Assessment Act

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Comments Invited

If you have any questions or comments regarding the study, or wish to be added to the study mailing list, please contact either of the following project team members:

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Public Works
City of Brampton
8850 McLaughlin Road, Unit 2,
Brampton, ON L6Y 5T1
Tel : 905.874.2500
Fax : 905.874.2505
E-mail : bishnu.parajuli@brampton.ca

David Sinke, P.Eng.
Consultant Project Manager
Amec Foster Wheeler
Environment & Infrastructure
3215 North Service Road
Burlington, ON L7R 3G2
Tel : 905.335.2353
Fax : 905.335.1414
Toll Free : 1.866.751.2353
E-mail : david.sinke@amecfw.com

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Oke, Jessalyn

From: Kelly, Mary K
Sent: April-22-16 1:18 PM
To: jbmarsden@alderville.ca; sanderson@alderville.ca
Cc: Parajuli, Bishnu; Bobb, Compton; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
Attachments: 16-04-20_Area47LettertoAFN.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Chief Marsden,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Alderville First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

April 20, 2016

Chief Jim Bob Marsden
Alderville First Nation
11696 2nd Line Road, P.O. Box 46
Alderville, ON K0K 2X0

Email: jbmarsden@alderville.ca

Dear Chief Marsden:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments
File: EA10-SP47-111**

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
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Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that Alderville First Nation may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information, the City has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that Alderville First Nation may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to have a discussion with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'B. Parajuli', with a horizontal line drawn through it.

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
City of Brampton

Cc: David Sinke, Amec Foster Wheeler
Sky Anderson, Consultation Clerical Support (sanderson@alderville.ca)

Encl: Project Information Sheet
Notice of Commencement

Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

Project Description

The City of Brampton is growing and in order to address transportation capacity needs in the area, the City is considering different ways to address this need. Recognizing that planning needs to occur before road construction can start, the City is conducting two Class Environmental Assessments (Class EAs). Amec Foster Wheeler Environment & Infrastructure is the consultant hired to complete the Class EA work.

A Class EA is a decision-making and planning process that identifies potential effects of projects, such as road improvements, so that they can be managed prior to implementation

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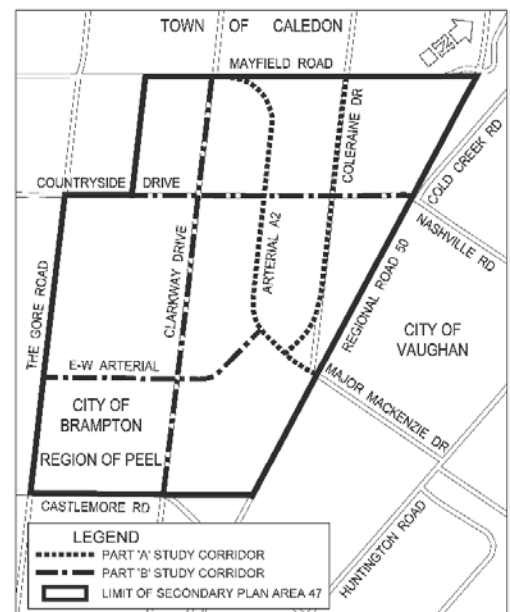
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- confirm the recommended road improvements
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The first step in this process is to develop an understanding of the current (baseline) conditions in the study area and develop a forecast of future traffic growth. Once baseline conditions and future traffic levels are known, alternatives to meet the future growth demand will be developed.

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Baseline studies are prepared to describe the current biological, human and physical environment conditions. The following investigations will be completed as part of this study.

Biological Environment	Human Environment	Physical Environment
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Schedule and Next Steps

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Additional Information

For more information about the City's environmental assessments or this project, visit:

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Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
P.Eng.
Senior Project Engineer
8850 McLaughlin Road, Unit 2
Brampton, ON L6Y 5T1
905-874-2500
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3215 North Service Road,
P.O. Box 220
Burlington, ON L7N 3G2
905-335-2353
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NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

The Study

The City of Brampton, in partnership with the Region of Peel, has initiated two Schedule 'C' Municipal Class Environmental Assessments (Class EAs) for the following roads (ref. Key Plan):

Part A

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Part B

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The Process

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Kelly, Mary K

From: Kelly, Mary K
Sent: Tuesday, April 26, 2016 1:52 PM
To: 'Tom Cowie'
Cc: 'Bobb, Compton'; Parajuli, Bishnu; Sinke, David; Young, Rob
Subject: RE: CEA 427 Industrial Secondary Plan Area

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Tom,

Many thanks for your quick response regarding the City of Brampton's project. We will ensure that Hiawatha First Nation is kept informed about the project and provide details regarding any environmental impacts. Similarly, we will contact Hiawatha First Nation should any archaeological artifacts be found and share final archaeological reports (with maps provided in a GIS accessible format).

If you should have any comments or questions please do not hesitate to contact us.

Cheers, Mary

From: Tom Cowie [mailto:tcowie@hiawathafn.ca]
Sent: April-26-16 9:51 AM
To: Kelly, Mary K <mary.k.kelly@amec.com>
Subject: Re: CEA 427 Industrial Secondary Plan Area

Ahniin Mary K. Kelly,

Attached is our letter of response to this project.

Miigwech

Tom Cowie
Community Consultation Worker

Hiawatha First Nation
123 Paudash Street
Hiawatha, ON K9J 0E6
705-295-7773
705-295-7131 (fax)
tcowie@hiawathafn.ca



"We, the Mississaugi of Hiawatha First Nation, are a vibrant, proud, independent and healthy people balanced in the richness of our Culture and Traditional way of life"

From: Kelly, Mary K
Sent: April-26-16 1:54 PM
To: Oke, Jessalyn
Subject: FW: CEA 427 Industrial Secondary Plan Area
Attachments: City of Brampton.doc

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HIAWATHA FIRST NATION
123 Paudash Street
Hiawatha, ON K9J 0E6

Chief:	Greg Cowie
Councillor:	Kirk Edwards
Councillor:	Lorne Paudash
Councillor:	Trisha Shearer
Councillor:	Art Vowles
Councillor:	Katie Wilson

April 26, 2016

Dear Mary Kathryn Kelly:

Thank you for the information you sent to Hiawatha First Nation regarding 2 CEA (Schedule C) regarding arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47) which is being proposed within Hiawatha First Nation's Traditional and Treaty Territories. Hiawatha First Nation appreciates that the City of Brampton and Amec Foster Wheeler Environment & Infrastructure recognizes the importance of First Nations Consultation and that your office is conforming to the requirements within the Duty to Consult Process. The correspondence Hiawatha First Nation has received is not considered meaningful consultation but rather information sharing.

As per the Hiawatha First Nation Consultation Protocol, your proposed project is deemed to have little, if any, impact on Hiawatha First Nation's traditional territory and/or rights. Please keep us apprised of any updates, archaeological findings, and/or of any environmental impacts, should they occur. Hiawatha First Nation requests you contact us if archaeological artifacts are found as we require our trained archaeological liaisons be present at the archaeological sites during the assessments. We also ask that you forward any archaeological reports to Hiawatha First Nation as they are completed. Any maps pertaining to the project should be sent to Hiawatha First Nation in a shape file.

Hiawatha First Nation reserves the right to provide additional comment should further development result in additional potential impact on our traditional territory and rights. Please be aware that while we request to be kept apprised throughout all phases of this project, we may not always have representation at all stakeholders meetings.

Further correspondence may be directed to my attention at the mailing address above or the e-mail address below.

Sincerely,

Tom Cowie
Core Consultation Worker
Hiawatha First Nation

tcowie@hiawathafn.ca
Tele: (705) 295-7773
Fax: (705) 295-7131

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Cc: 'Bobb, Compton' <Compton.Bobb@brampton.ca>; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Sinke, David <david.sinke@amec.com>; Young, Rob <rob.young@amec.com>
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Tom Cowie
Community Consultation Worker

Hiawatha First Nation
123 Paudash Street
Hiawatha, ON K9J 0E6
705-295-7773

NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

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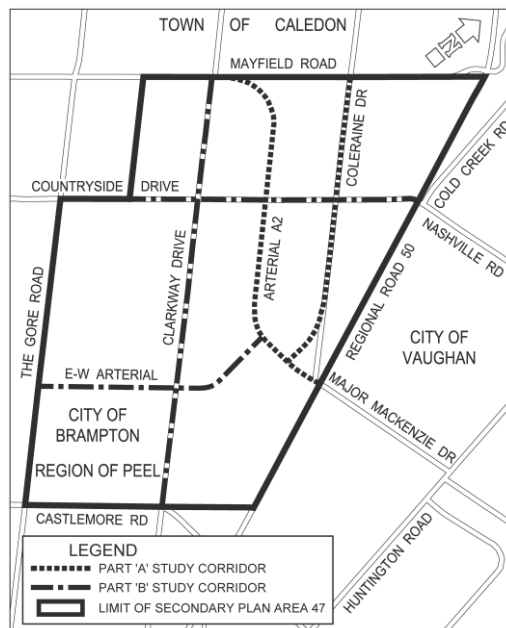
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Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

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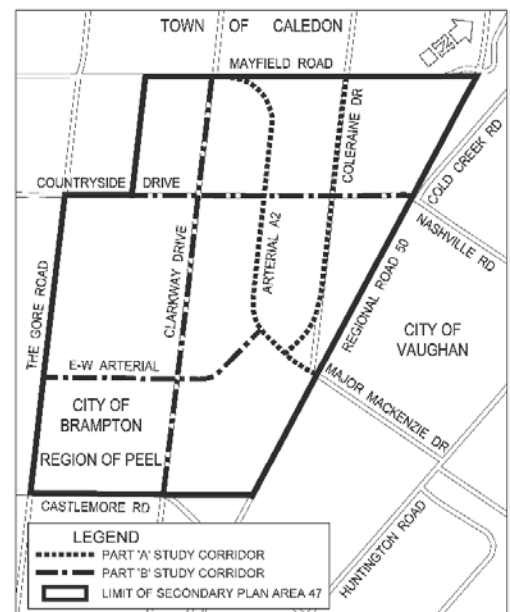
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Contact Information

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Amec Foster Wheeler
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Burlington, ON L7N 3G2
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david.sinke@amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: March-23-16 2:10 PM
To: avahill@sixnations.ca; jthomas@sixnations.ca
Cc: Parajuli, Bishnu; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
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Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

The City would welcome the opportunity to meet and discuss the Project with the Six Nations of the Grand River to better understand your interests and participation expectations.

I will follow-up with your consultation office next week to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

March 23, 2016

Chief G. Ava Hill
Six Nations of the Grand River
2498 Chiefswood Road
P. O. Box 5000
Ohsweken, ON
N0A 1M0

Email: avahill@sixnations.ca

Dear Chief Hill:

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File: EA10-SP47-111

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has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that the Six Nations of the Grand River may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to meet with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest in a meeting.

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

Sincerely,



Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Infrastructure Planning Section
Tel: 905-874-3644, Fax: 905-874-2505
bishnu.parajuli@brampton.ca

c.c. David Sinke, Amec Foster Wheeler

Enclosures: Project Information Sheet
Notice of Commencement

NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

The Study

The City of Brampton, in partnership with the Region of Peel, has initiated two Schedule 'C' Municipal Class Environmental Assessments (Class EAs) for the following roads (ref. Key Plan):

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

In order to address transportation capacity needs in the area, a number of alternatives will be examined as part of the study including the overall impacts of alternatives on the social, cultural and natural environment.



The Process

The City of Brampton recently completed the Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan Study which fulfilled the requirements of Phases 1 and 2 of the Municipal Class EA process. The City is proceeding with Phases 3 and 4 of the Municipal Class EA process as part of this study. This notice marks the start of this Class EA Study, which will review and confirm the solutions recommended by the Transportation Master Plan Study in consultation with regulatory agencies, and the public. The study is being carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment (October 2000, as amended in 2007 and 2011), which is approved under the Ontario Environmental Assessment Act

Consultation with stakeholders (public and agencies) is a key component of the study. At least two Public Information Centres (PICs) will be held to discuss issues related to the project, including alternative solutions, evaluation criteria, environmental impacts and mitigation measures. PIC dates and details will be advertised as the study progresses. Upon completion of the study, Environmental Study Reports (ESRs) will be prepared and made available for public review and comment.

Comments Invited

If you have any questions or comments regarding the study, or wish to be added to the study mailing list, please contact either of the following project team members:

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Public Works
City of Brampton
8850 McLaughlin Road, Unit 2,
Brampton, ON L6Y 5T1
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E-mail : bishnu.parajuli@brampton.ca

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Consultant Project Manager
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3215 North Service Road
Burlington, ON L7R 3G2
Tel : 905.335.2353
Fax : 905.335.1414
Toll Free : 1.866.751.2353
E-mail : david.sinke@amecfw.com

Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

Project Description

The City of Brampton is growing and in order to address transportation capacity needs in the area, the City is considering different ways to address this need. Recognizing that planning needs to occur before road construction can start, the City is conducting two Class Environmental Assessments (Class EAs). Amec Foster Wheeler Environment & Infrastructure is the consultant hired to complete the Class EA work.

A Class EA is a decision-making and planning process that identifies potential effects of projects, such as road improvements, so that they can be managed prior to implementation

Location 1: Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road (RR) 50
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of RR 50

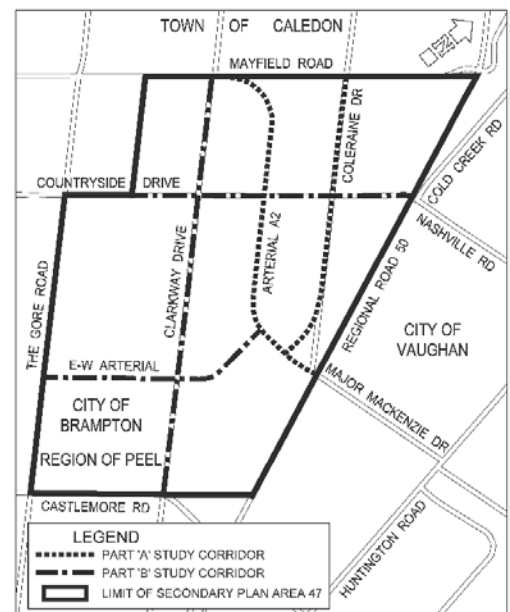
Location 2: Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
- Clarkway Drive from Castlemore Road to Mayfield Road
- Countryside Drive from west of Clarkway Drive to RR 50 including possible realignment at RR 50

Class Environmental Assessment

The Secondary Plan Area 47 Transportation Master Plan completed by the City of Brampton in 2013 completed Phases I and II of the Class EA process, identifying a preliminary preferred road network. As part of the current studies, the preferred road network will be confirmed based on more detailed analysis. The purpose of these Class EA studies is to:

- confirm the recommended road improvements
- identify alternative designs
- identify potential effects and evaluate the alternatives
- confirm and finalize a preferred solution
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The first step in this process is to develop an understanding of the current (baseline) conditions in the study area and develop a forecast of future traffic growth. Once baseline conditions and future traffic levels are known, alternatives to meet the future growth demand will be developed.

The Class EA planning process helps identify potential effects of proposed projects. Each proposed alternative is assessed against baseline conditions to determine the potential effects, and where necessary, identify mitigation measures. From these alternatives, a preferred alternative will be identified.

A key component of this study is to consult with regulatory agencies, stakeholders and Aboriginal groups.

Baseline Studies

Baseline studies are prepared to describe the current biological, human and physical environment conditions. The following investigations will be completed as part of this study.

Biological Environment	Human Environment	Physical Environment
<ul style="list-style-type: none"> • Fisheries and Aquatic biology • Species At Risk • Vegetation • Wildlife 	<ul style="list-style-type: none"> • Archaeology • Build heritage • Land use • Socio-economics • Visual aesthetics / landscape design 	<ul style="list-style-type: none"> • Air quality and noise • Hydrology (lakes, rivers, etc.) • Hydrogeology (groundwater) • Soils

Potential Project-related Effects

Potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and new road development there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
- Heritage properties and cultural heritage landscapes
- Environmental features including land-based and water-based environments

Schedule and Next Steps

- Field Studies, tentatively planned for spring and summer 2016
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- Environmental Study Report submission, tentatively planned for late 2017 / early 2018

Additional Information

For more information about the City's environmental assessments or this project, visit:

<http://www.brampton.ca/en/residents/Roads/engineering-construction/Pages/environmental-assessments.aspx>

<http://maps.brampton.ca/maps/roadworks/SitePages/road-works-details.aspx/2347/Highway-427-Industrial-Area-Arterial-Roads>

Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
P.Eng.
Senior Project Engineer
8850 McLaughlin Road, Unit 2
Brampton, ON L6Y 5T1
905-874-2500
905-874-2505
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Amec Foster Wheeler
Environment & Infrastructure
David Sinke, P.Eng.
Consultant Project Manager
3215 North Service Road,
P.O. Box 220
Burlington, ON L7N 3G2
905-335-2353
david.sinke@amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: March-23-16 2:09 PM
To: hdi2@bellnet.ca
Cc: Parajuli, Bishnu; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
Attachments: 16-03-23_Area47LettertoHDI.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Ms. Hill,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

The City would welcome the opportunity to meet and discuss the Project with the Haudenosaunee Development Institute to better understand your interests and participation expectations. We would like to propose a meeting date of Wednesday, April 20, 2016.

I will follow-up with you next week to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

March 23, 2016

Ms. Hazel Hill
Haudenosaunee Development Institute
16 Sunrise Court, Suite 407
P.O. Box 714
Ohsweken, ON
N0A 1M0

Email: hdi2@bellnet.ca

Dear Ms. Hill:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments**
File: EA10-SP47-111

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
- Clarkway Drive from Castlemore Road to Mayfield Road
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50

The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that the Haudenosaunee Development Institute may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information, the City has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that the Haudenosaunee Development Institute may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to meet with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest in a meeting.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Parajuli".

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Infrastructure Planning Section
Tel: 905-874-3644, Fax: 905-874-2505
bishnu.parajuli@brampton.ca

c.c. David Sinke, Amec Foster Wheeler

Enclosures: Project Information Sheet
Notice of Commencement

NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

The Study

The City of Brampton, in partnership with the Region of Peel, has initiated two Schedule 'C' Municipal Class Environmental Assessments (Class EAs) for the following roads (ref. Key Plan):

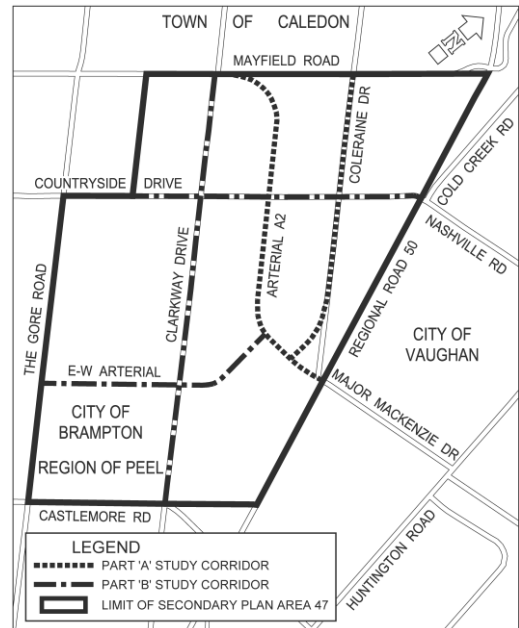
Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
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In order to address transportation capacity needs in the area, a number of alternatives will be examined as part of the study including the overall impacts of alternatives on the social, cultural and natural environment.



The Process

The City of Brampton recently completed the Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan Study which fulfilled the requirements of Phases 1 and 2 of the Municipal Class EA process. The City is proceeding with Phases 3 and 4 of the Municipal Class EA process as part of this study. This notice marks the start of this Class EA Study, which will review and confirm the solutions recommended by the Transportation Master Plan Study in consultation with regulatory agencies, and the public. The study is being carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment (October 2000, as amended in 2007 and 2011), which is approved under the Ontario Environmental Assessment Act

Consultation with stakeholders (public and agencies) is a key component of the study. At least two Public Information Centres (PICs) will be held to discuss issues related to the project, including alternative solutions, evaluation criteria, environmental impacts and mitigation measures. PIC dates and details will be advertised as the study progresses. Upon completion of the study, Environmental Study Reports (ESRs) will be prepared and made available for public review and comment.

Comments Invited

If you have any questions or comments regarding the study, or wish to be added to the study mailing list, please contact either of the following project team members:

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Public Works
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E-mail : david.sinke@amecfw.com

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Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

Project Description

The City of Brampton is growing and in order to address transportation capacity needs in the area, the City is considering different ways to address this need. Recognizing that planning needs to occur before road construction can start, the City is conducting two Class Environmental Assessments (Class EAs). Amec Foster Wheeler Environment & Infrastructure is the consultant hired to complete the Class EA work.

A Class EA is a decision-making and planning process that identifies potential effects of projects, such as road improvements, so that they can be managed prior to implementation

Location 1: Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road (RR) 50
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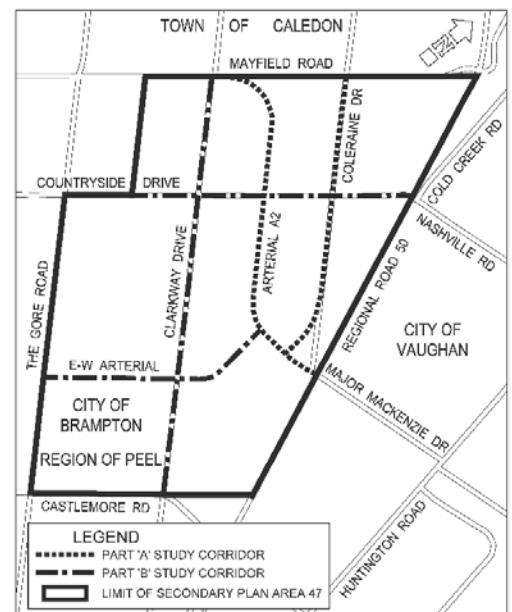
Location 2: Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
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Class Environmental Assessment

The Secondary Plan Area 47 Transportation Master Plan completed by the City of Brampton in 2013 completed Phases I and II of the Class EA process, identifying a preliminary preferred road network. As part of the current studies, the preferred road network will be confirmed based on more detailed analysis. The purpose of these Class EA studies is to:

- confirm the recommended road improvements
- identify alternative designs
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- confirm and finalize a preferred solution
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The first step in this process is to develop an understanding of the current (baseline) conditions in the study area and develop a forecast of future traffic growth. Once baseline conditions and future traffic levels are known, alternatives to meet the future growth demand will be developed.

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A key component of this study is to consult with regulatory agencies, stakeholders and Aboriginal groups.

Baseline Studies

Baseline studies are prepared to describe the current biological, human and physical environment conditions. The following investigations will be completed as part of this study.

Biological Environment	Human Environment	Physical Environment
<ul style="list-style-type: none"> • Fisheries and Aquatic biology • Species At Risk • Vegetation • Wildlife 	<ul style="list-style-type: none"> • Archaeology • Build heritage • Land use • Socio-economics • Visual aesthetics / landscape design 	<ul style="list-style-type: none"> • Air quality and noise • Hydrology (lakes, rivers, etc.) • Hydrogeology (groundwater) • Soils

Potential Project-related Effects

Potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and new road development there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
- Heritage properties and cultural heritage landscapes
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Schedule and Next Steps

- Field Studies, tentatively planned for spring and summer 2016
- Public Information Sessions, tentatively planned for fall 2016 and spring 2017
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Additional Information

For more information about the City's environmental assessments or this project, visit:

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Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
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Senior Project Engineer
8850 McLaughlin Road, Unit 2
Brampton, ON L6Y 5T1
905-874-2500
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bishnu.parajuli@brampton.ca

Amec Foster Wheeler
Environment & Infrastructure
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Consultant Project Manager
3215 North Service Road,
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905-335-2353
david.sinke@amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: March-23-16 2:09 PM
To: Fawn.Sault@newcreditfirstnation.com
Cc: Parajuli, Bishnu; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
Attachments: 16-03-23_Area47LettertoMNCFN.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Fawn,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

The City would welcome the opportunity to meet and discuss the Project with the Mississaugas of the New Credit First Nation to better understand your interests and participation expectations. We would like to propose a meeting date of Wednesday, April 20, 2016.

I will follow-up with you next week to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

March 23, 2016

Ms. Fawn Sault
Consultation Manager
Mississauga of the New Credit First Nation
6 First Line Rd., R.R. #6
Hagersville, ON
N0A 1H0

Email: fawn.Sault@newcreditfirstnation.com

Dear Ms. Sault:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments
File: EA10-SP47-111**

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

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Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
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The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that the Mississauga of the New Credit First Nation may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information,

the City has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that the Mississauga of the New Credit First Nation may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to meet with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest in a meeting.

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

Sincerely,



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Senior Project Engineer
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Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

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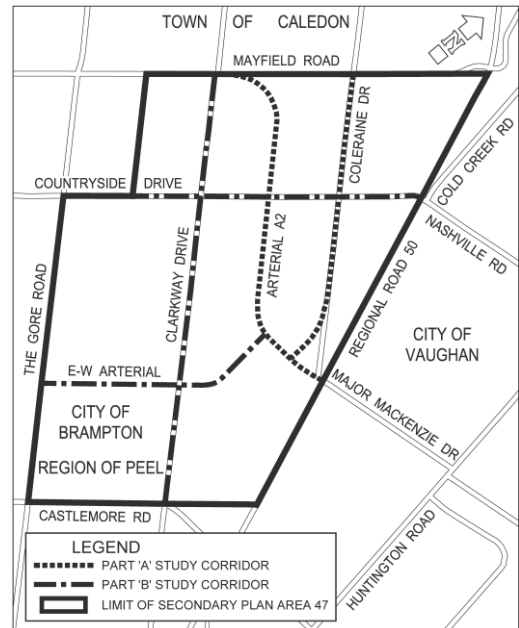
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Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

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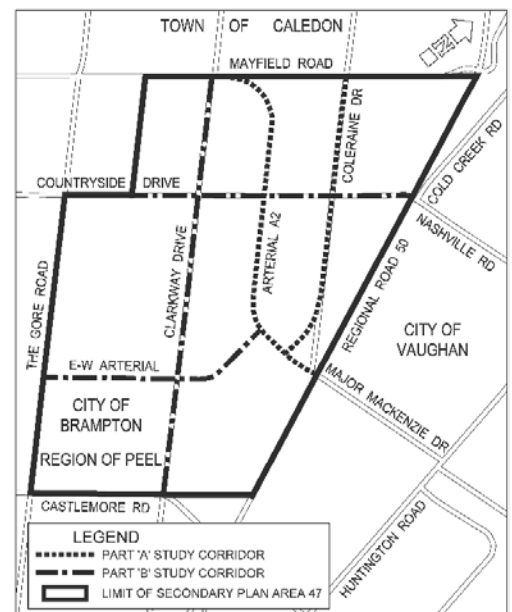
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Class Environmental Assessment

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Biological Environment	Human Environment	Physical Environment
<ul style="list-style-type: none"> Fisheries and Aquatic biology Species At Risk Vegetation Wildlife 	<ul style="list-style-type: none"> Archaeology Build heritage Land use Socio-economics Visual aesthetics / landscape design 	<ul style="list-style-type: none"> Air quality and noise Hydrology (lakes, rivers, etc.) Hydrogeology (groundwater) Soils

Potential Project-related Effects

Potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and new road development there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
- Heritage properties and cultural heritage landscapes
- Environmental features including land-based and water-based environments

Schedule and Next Steps

- Field Studies, tentatively planned for spring and summer 2016
- Public Information Sessions, tentatively planned for fall 2016 and spring 2017
- Environmental Study Report submission, tentatively planned for late 2017 / early 2018

Additional Information

For more information about the City's environmental assessments or this project, visit:

<http://www.brampton.ca/en/residents/Roads/engineering-construction/Pages/environmental-assessments.aspx>

<http://maps.brampton.ca/maps/roadworks/SitePages/road-works-details.aspx/2347/Highway-427-Industrial-Area-Arterial-Roads>

Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
P.Eng.
Senior Project Engineer
8850 McLaughlin Road, Unit 2
Brampton, ON L6Y 5T1
905-874-2500
905-874-2505
bishnu.parajuli@brampton.ca

Amec Foster Wheeler
Environment & Infrastructure
David Sinke, P.Eng.
Consultant Project Manager
3215 North Service Road,
P.O. Box 220
Burlington, ON L7N 3G2
905-335-2353
david.sinke@amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: April-01-16 3:01 PM
To: jthomas@sixnations.ca
Cc: Parajuli, Bishnu; Young, Rob
Subject: RE: Brampton - Area 47 Class EAs

Hi Joanne,

I left you a message earlier this week to discuss this Project for the City of Brampton. We wanted to follow-up with you to see if you have had a chance to review the information provided and determine if Six Nations of the Grand River has interests in the Project that should be considered in our Project planning.

Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

From: Kelly, Mary K
Sent: March-23-16 2:10 PM
To: 'avahill@sixnations.ca' <avahill@sixnations.ca>; 'jthomas@sixnations.ca' <jthomas@sixnations.ca>
Cc: 'Parajuli, Bishnu' <Bishnu.Parajuli@brampton.ca>; Sinke, David <david.sinke@amec.com>; Young, Rob <rob.young@amec.com>
Subject: Brampton - Area 47 Class EAs

Good afternoon Chief Hill,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

The City would welcome the opportunity to meet and discuss the Project with the Six Nations of the Grand River to better understand your interests and participation expectations.

I will follow-up with your consultation office next week to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: April-01-16 2:58 PM
To: alya@metisnation.org
Cc: Parajuli, Bishnu; Young, Rob
Subject: RE: Brampton - Area 47 Class EAs

Good afternoon Mr. Alibhai,

We wanted to follow-up with the Métis Nation of Ontario (MNO) to see if you have had a chance to review the information provided and determine if the MNO has interests in the Project that should be considered in our Project planning.

Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

From: Kelly, Mary K
Sent: March-23-16 2:10 PM
To: 'alya@metisnation.org' <alya@metisnation.org>
Cc: 'Parajuli, Bishnu' <Bishnu.Parajuli@brampton.ca>; Sinke, David <david.sinke@amec.com>; Young, Rob <rob.young@amec.com>
Subject: Brampton - Area 47 Class EAs

Good afternoon Mr. Alibhai,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

The City would welcome the opportunity to meet and discuss the Project with the Métis Nation of Ontario to better understand your interests and participation expectations.

I will follow-up with you next week to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: April-22-16 1:19 PM
To: PhyllisW@curvelake.ca; MelissaD@curvelake.ca
Cc: Parajuli, Bishnu; Bobb, Compton; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
Attachments: 16-04-20_Area47LettertoCLFN.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Chief Williams,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Curve Lake First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

April 20, 2016

Chief Phyllis Williams
Curve Lake First Nation
22 Winookeedaa Road
Curve Lake, ON K0L 1R0

Email: PhyllisW@curvelake.ca

Dear Chief Williams:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments
File: EA10-SP47-111**

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that Curve Lake First Nation may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information, the City has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that Curve Lake First Nation may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to have a discussion with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Parajuli", with a horizontal line underneath.

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
City of Brampton

Cc: David Sinke, Amec Foster Wheeler
Melissa Dokis, Lands Resource Consultation Liaison (MelissaD@curvelake.ca)

Encl: Project Information Sheet
Notice of Commencement

Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

Project Description

The City of Brampton is growing and in order to address transportation capacity needs in the area, the City is considering different ways to address this need. Recognizing that planning needs to occur before road construction can start, the City is conducting two Class Environmental Assessments (Class EAs). Amec Foster Wheeler Environment & Infrastructure is the consultant hired to complete the Class EA work.

A Class EA is a decision-making and planning process that identifies potential effects of projects, such as road improvements, so that they can be managed prior to implementation

Location 1: Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road (RR) 50
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of RR 50

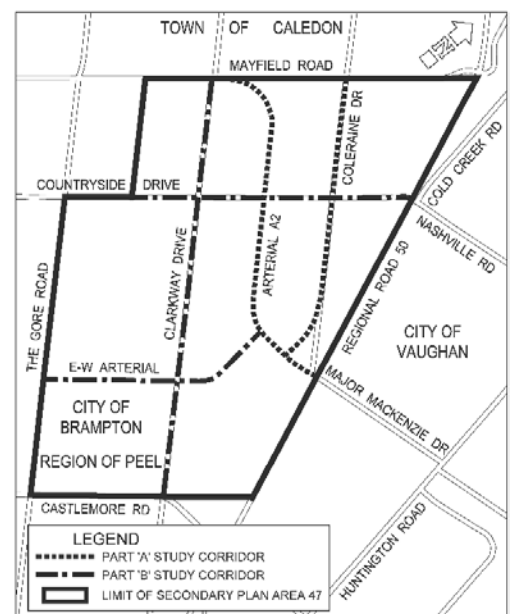
Location 2: Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
- Clarkway Drive from Castlemore Road to Mayfield Road
- Countryside Drive from west of Clarkway Drive to RR 50 including possible realignment at RR 50

Class Environmental Assessment

The Secondary Plan Area 47 Transportation Master Plan completed by the City of Brampton in 2013 completed Phases I and II of the Class EA process, identifying a preliminary preferred road network. As part of the current studies, the preferred road network will be confirmed based on more detailed analysis. The purpose of these Class EA studies is to:

- confirm the recommended road improvements
- identify alternative designs
- identify potential effects and evaluate the alternatives
- confirm and finalize a preferred solution
- evaluate alternatives and identify the preferred improvement plan





amec
foster
wheeler

The first step in this process is to develop an understanding of the current (baseline) conditions in the study area and develop a forecast of future traffic growth. Once baseline conditions and future traffic levels are known, alternatives to meet the future growth demand will be developed.

The Class EA planning process helps identify potential effects of proposed projects. Each proposed alternative is assessed against baseline conditions to determine the potential effects, and where necessary, identify mitigation measures. From these alternatives, a preferred alternative will be identified.

A key component of this study is to consult with regulatory agencies, stakeholders and Aboriginal groups.

Baseline Studies

Baseline studies are prepared to describe the current biological, human and physical environment conditions. The following investigations will be completed as part of this study.

Biological Environment	Human Environment	Physical Environment
<ul style="list-style-type: none"> • Fisheries and Aquatic biology • Species At Risk • Vegetation • Wildlife 	<ul style="list-style-type: none"> • Archaeology • Build heritage • Land use • Socio-economics • Visual aesthetics / landscape design 	<ul style="list-style-type: none"> • Air quality and noise • Hydrology (lakes, rivers, etc.) • Hydrogeology (groundwater) • Soils

Potential Project-related Effects

Potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and new road development there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
- Heritage properties and cultural heritage landscapes
- Environmental features including land-based and water-based environments

Schedule and Next Steps

- Field Studies, tentatively planned for spring and summer 2016
- Public Information Sessions, tentatively planned for fall 2016 and spring 2017
- Environmental Study Report submission, tentatively planned for late 2017 / early 2018

Additional Information

For more information about the City's environmental assessments or this project, visit:

<http://www.brampton.ca/en/residents/Roads/engineering-construction/Pages/environmental-assessments.aspx>

<http://maps.brampton.ca/maps/roadworks/SitePages/road-works-details.aspx/2347/Highway-427-Industrial-Area-Arterial-Roads>

Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
P.Eng.
Senior Project Engineer
8850 McLaughlin Road, Unit 2
Brampton, ON L6Y 5T1
905-874-2500
905-874-2505
bishnu.parajuli@brampton.ca

Amec Foster Wheeler
Environment & Infrastructure
David Sinke, P.Eng.
Consultant Project Manager
3215 North Service Road,
P.O. Box 220
Burlington, ON L7N 3G2
905-335-2353
david.sinke@amecfw.com

NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

The Study

The City of Brampton, in partnership with the Region of Peel, has initiated two Schedule 'C' Municipal Class Environmental Assessments (Class EAs) for the following roads (ref. Key Plan):

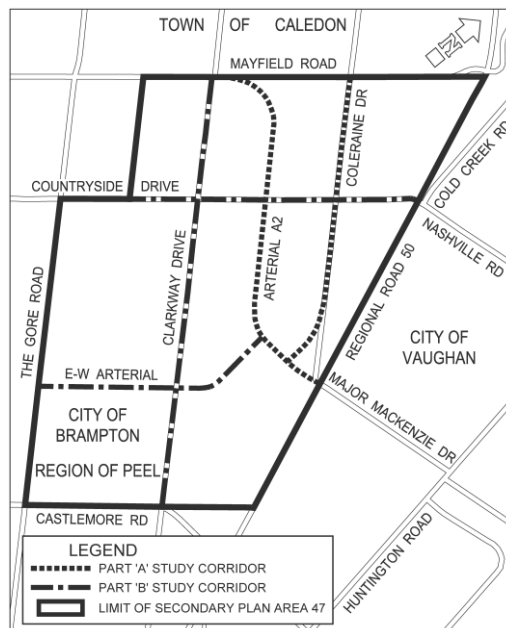
Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

In order to address transportation capacity needs in the area, a number of alternatives will be examined as part of the study including the overall impacts of alternatives on the social, cultural and natural environment.



The Process

The City of Brampton recently completed the Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan Study which fulfilled the requirements of Phases 1 and 2 of the Municipal Class EA process. The City is proceeding with Phases 3 and 4 of the Municipal Class EA process as part of this study. This notice marks the start of this Class EA Study, which will review and confirm the solutions recommended by the Transportation Master Plan Study in consultation with regulatory agencies, and the public. The study is being carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment (October 2000, as amended in 2007 and 2011), which is approved under the Ontario Environmental Assessment Act

Consultation with stakeholders (public and agencies) is a key component of the study. At least two Public Information Centres (PICs) will be held to discuss issues related to the project, including alternative solutions, evaluation criteria, environmental impacts and mitigation measures. PIC dates and details will be advertised as the study progresses. Upon completion of the study, Environmental Study Reports (ESRs) will be prepared and made available for public review and comment.

Comments Invited

If you have any questions or comments regarding the study, or wish to be added to the study mailing list, please contact either of the following project team members:

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Public Works
City of Brampton
8850 McLaughlin Road, Unit 2,
Brampton, ON L6Y 5T1
Tel : 905.874.2500
Fax : 905.874.2505
E-mail : bishnu.parajuli@brampton.ca

David Sinke, P.Eng.
Consultant Project Manager
Amec Foster Wheeler
Environment & Infrastructure
3215 North Service Road
Burlington, ON L7R 3G2
Tel : 905.335.2353
Fax : 905.335.1414
Toll Free : 1.866.751.2353
E-mail : david.sinke@amecfw.com

Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Oke, Jessalyn

From: Kelly, Mary K
Sent: April-22-16 1:19 PM
To: chiefcowie@hiawathafn.ca
Cc: Parajuli, Bishnu; Bobb, Compton; Sinke, David; Young, Rob
Subject: Brampton - Area 47 Class EAs
Attachments: 16-04-20_Area47LettertoHFN.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Chief Cowie,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Hiawatha First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

April 20, 2016

Chief Greg Cowie
Hiawatha First Nation
123 Paudash Street
Hiawatha, ON K9J 0E6

Email: chiefcowie@hiawathafn.ca

Dear Chief Cowie:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments
File: EA10-SP47-111**

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that Hiawatha First Nation may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information, the City has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that Hiawatha First Nation may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to have a discussion with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Parajuli", written over a horizontal line.

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
City of Brampton

Cc: David Sinke, Amec Foster Wheeler

Encl: Project Information Sheet
Notice of Commencement

From: Kelly, Mary K
Sent: May-04-16 11:30 AM
To: Oke, Jessalyn
Subject: FW: Brampton - Area 47 Class EAs
Attachments: CLFN-consultationaccommodationstandards.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

From: Melissa Dokis [mailto:MelissaD@curvelake.ca]
Sent: May-04-16 9:45 AM
To: Kelly, Mary K <mary.k.kelly@amec.com>; Phyllis Williams <PhyllisW@curvelake.ca>
Cc: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Bobb, Compton <Compton.Bobb@brampton.ca>; Sinke, David <David.Sinke@amec.com>; Young, Rob <rob.young@amec.com>
Subject: RE: Brampton - Area 47 Class EAs

Good morning,

As discussed, attached is the Curve Lake First Nation Consultation and Accommodation Standards.

Miigwech,



Melissa Dokis
Lands and Resources Consultation Liaison
Curve Lake First Nation
Government Services Building
22 Winookeeda Street, Curve Lake, ON K0L 1R0
P: 705.657.8045 F: 705.657.8708
W: www.curvelakefirstnation.ca
E: MelissaD@curvelake.ca

From: Kelly, Mary K [mailto:mary.k.kelly@amecfw.com]
Sent: April-22-16 1:19 PM
To: Phyllis Williams <PhyllisW@curvelake.ca>; Melissa Dokis <MelissaD@curvelake.ca>
Cc: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Bobb, Compton <Compton.Bobb@brampton.ca>; Sinke, David <david.sinke@amecfw.com>; Young, Rob <rob.young@amecfw.com>
Subject: Brampton - Area 47 Class EAs

Good afternoon Chief Williams,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Curve Lake First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com



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Please click <http://amecfw.com/email-disclaimer> for notices and company information in relation to emails originating in the UK, Italy or France.

Oke, Jessalyn

From: Kelly, Mary K
Sent: May-26-16 12:01 PM
To: sanderson@alderville.ca
Cc: Parajuli, Bishnu; Bobb, Compton; Sinke, David; Young, Rob
Subject: RE: Brampton - Area 47 Class EAs

Good morning Ms. Anderson,

As a follow-up to our conversation this morning, I understand that Brampton is not in your community's area. We will make note of this for future projects.

Cheers, Mary

From: Kelly, Mary K
Sent: April-22-16 1:19 PM
To: jbmarsden@alderville.ca; sanderson@alderville.ca
Cc: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Bobb, Compton <Compton.Bobb@brampton.ca>; Sinke, David <david.sinke@amec.com>; Young, Rob <rob.young@amec.com>
Subject: Brampton - Area 47 Class EAs

Good afternoon Chief Marsden,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Alderville First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: May-26-16 3:15 PM
To: jthomas@sixnations.ca
Cc: Parajuli, Bishnu; Sinke, David; Young, Rob; Bobb, Compton
Subject: RE: Brampton - Area 47 Class EAs

Good afternoon Joanne,

Thanks for the discussion this morning. We will keep Six Nations of the Grand River informed about the project as it progresses, including advance notice of any further archaeological work (Stage 2 or higher). We will also share any Stage 1 archaeological assessments completed for the study area.

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

Cheers, Mary

From: Kelly, Mary K
Sent: March-23-16 2:10 PM
To: 'avahill@sixnations.ca' <avahill@sixnations.ca>; 'jthomas@sixnations.ca' <jthomas@sixnations.ca>
Cc: 'Parajuli, Bishnu' <Bishnu.Parajuli@brampton.ca>; Sinke, David <david.sinke@amec.com>; Young, Rob <rob.young@amec.com>
Subject: Brampton - Area 47 Class EAs

Good afternoon Chief Hill,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

The City would welcome the opportunity to meet and discuss the Project with the Six Nations of the Grand River to better understand your interests and participation expectations.

I will follow-up with your consultation office next week to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com

Oke, Jessalyn

From: Kelly, Mary K
Sent: May-26-16 3:24 PM
To: dmowat@scugogfirstnation.com
Subject: FW: Brampton - Area 47 Class EAs
Attachments: 16-04-20_Area47LettertoMSIFN.pdf; 16-03-23_Area 47_ProjectSummary_final.pdf; Area47_Notice of Commencement.pdf

Good afternoon Mr. Mowat,

I am following up on this email that was sent to the Mississaugas of Scugog Island First Nation. I had left a message regarding this on May 4, 2016. I would like to discuss your community's interest in this project and how you would like to be involved moving forward.

Please let me know if there is a time that we could discuss. Please note that there are two separate projects/proponents for which I am following up with you on hence why you will likely see two similar emails from me.

Cheers, Mary

From: Kelly, Mary K
Sent: April-22-16 1:20 PM
To: klarocca@scugogfirstnation.com; consultation@scugogfirstnation.com
Cc: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Bobb, Compton <Compton.Bobb@brampton.ca>; Sinke, David <david.sinke@amec.com>; Young, Rob <rob.young@amec.com>
Subject: Brampton - Area 47 Class EAs

Good afternoon Chief LaRocca,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Mississaugas of Scugog Island First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com

April 20, 2016

Chief Kelly LaRocca
Mississaugas of Scugog Island First Nation
22521 Island Road
Port Perry, ON L9L 1B6

Email: klarocca@scugogfirstnation.com

Dear Chief LaRocca:

**Re: Arterial Roads within Highway 427 Industrial Secondary Plan Area Schedule 'C'
Class Environmental Assessments
File: EA10-SP47-111**

To address transportation capacity needs due to growth, the City of Brampton is undertaking two Municipal Schedule 'C' Class Environmental Assessments (Class EAs) for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) in Brampton. These two Class EAs will cover the following roads:

Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

The City has retained Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) to undertake these Class EAs.

The City has received direction from the Provincial Crown that Mississaugas of Scugog Island First Nation may have an interest in learning more about the project. The City is committed to involving stakeholders and Aboriginal communities in the project. The Provincial Crown has delegated the procedural aspects of the Duty to Consult to the City. For information, the City has attached a project summary and the Notice of Commencement. Please feel free to share this information within your community as you feel appropriate.

We are interested in understanding any interests or questions that Mississaugas of Scugog Island First Nation may have about this proposed project and if there is a potential for the project to affect Aboriginal and treaty rights. We would also be interested to know if there are any sites of cultural significance to your community. The City would welcome the opportunity to have a discussion with your community to provide more information about the project and discuss any interests or questions you may have.

We will contact you by telephone in the near future to determine your interest.

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

Sincerely,



Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
City of Brampton

Cc: David Sinke, Amec Foster Wheeler
Dave Mowat, Community Consultation Specialist (consultation@scugogfirstnation.com)
Monica Sanford, Community Consultation Administrative Assistant
(consultation@scugogfirstnation.com)

Encl: Project Information Sheet
Notice of Commencement

Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47) Schedule 'C' Class EA, City of Brampton

Project Description

The City of Brampton is growing and in order to address transportation capacity needs in the area, the City is considering different ways to address this need. Recognizing that planning needs to occur before road construction can start, the City is conducting two Class Environmental Assessments (Class EAs). Amec Foster Wheeler Environment & Infrastructure is the consultant hired to complete the Class EA work.

A Class EA is a decision-making and planning process that identifies potential effects of projects, such as road improvements, so that they can be managed prior to implementation

Location 1: Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road (RR) 50
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of RR 50

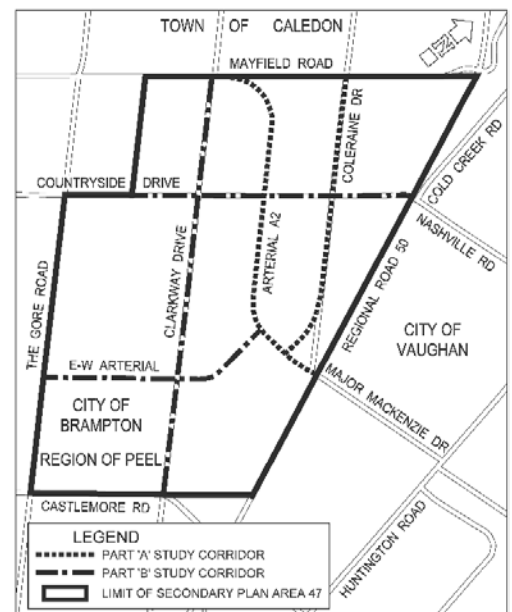
Location 2: Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2
- Clarkway Drive from Castlemore Road to Mayfield Road
- Countryside Drive from west of Clarkway Drive to RR 50 including possible realignment at RR 50

Class Environmental Assessment

The Secondary Plan Area 47 Transportation Master Plan completed by the City of Brampton in 2013 completed Phases I and II of the Class EA process, identifying a preliminary preferred road network. As part of the current studies, the preferred road network will be confirmed based on more detailed analysis. The purpose of these Class EA studies is to:

- confirm the recommended road improvements
- identify alternative designs
- identify potential effects and evaluate the alternatives
- confirm and finalize a preferred solution
- evaluate alternatives and identify the preferred improvement plan





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wheeler

The first step in this process is to develop an understanding of the current (baseline) conditions in the study area and develop a forecast of future traffic growth. Once baseline conditions and future traffic levels are known, alternatives to meet the future growth demand will be developed.

The Class EA planning process helps identify potential effects of proposed projects. Each proposed alternative is assessed against baseline conditions to determine the potential effects, and where necessary, identify mitigation measures. From these alternatives, a preferred alternative will be identified.

A key component of this study is to consult with regulatory agencies, stakeholders and Aboriginal groups.

Baseline Studies

Baseline studies are prepared to describe the current biological, human and physical environment conditions. The following investigations will be completed as part of this study.

Biological Environment	Human Environment	Physical Environment
<ul style="list-style-type: none"> • Fisheries and Aquatic biology • Species At Risk • Vegetation • Wildlife 	<ul style="list-style-type: none"> • Archaeology • Build heritage • Land use • Socio-economics • Visual aesthetics / landscape design 	<ul style="list-style-type: none"> • Air quality and noise • Hydrology (lakes, rivers, etc.) • Hydrogeology (groundwater) • Soils

Potential Project-related Effects

Potential effects from the proposed project will depend on the results of the Transportation and Traffic Study. If that study confirms road widening and new road development there may be potential effects that will need to be mitigated. This may include effects on:

- Private property owners as a result of road widening or proposed road alignments (such as property purchase or changes to access)
- Heritage properties and cultural heritage landscapes
- Environmental features including land-based and water-based environments

Schedule and Next Steps

- Field Studies, tentatively planned for spring and summer 2016
- Public Information Sessions, tentatively planned for fall 2016 and spring 2017
- Environmental Study Report submission, tentatively planned for late 2017 / early 2018

Additional Information

For more information about the City's environmental assessments or this project, visit:

<http://www.brampton.ca/en/residents/Roads/engineering-construction/Pages/environmental-assessments.aspx>

<http://maps.brampton.ca/maps/roadworks/SitePages/road-works-details.aspx/2347/Highway-427-Industrial-Area-Arterial-Roads>

Contact Information

City of Brampton
Bishnu Parajuli, M.A.Sc.,
P.Eng.
Senior Project Engineer
8850 McLaughlin Road, Unit 2
Brampton, ON L6Y 5T1
905-874-2500
905-874-2505
bishnu.parajuli@brampton.ca

Amec Foster Wheeler
Environment & Infrastructure
David Sinke, P.Eng.
Consultant Project Manager
3215 North Service Road,
P.O. Box 220
Burlington, ON L7N 3G2
905-335-2353
david.sinke@amecfw.com

NOTICE OF STUDY COMMENCEMENT
Municipal Class Environmental Assessment
Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47)

The Study

The City of Brampton, in partnership with the Region of Peel, has initiated two Schedule 'C' Municipal Class Environmental Assessments (Class EAs) for the following roads (ref. Key Plan):

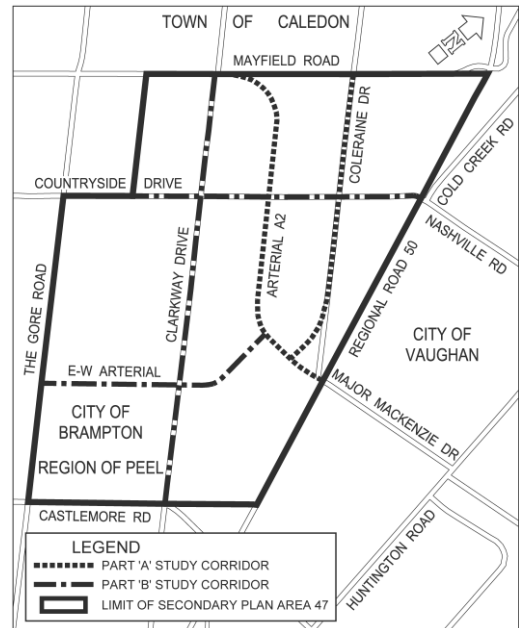
Part A

- North-South Arterial (Arterial A2), a new north-south arterial roadway from Mayfield Road to Major Mackenzie Drive/Regional Road 50.
- Coleraine Drive from Arterial A2 to Mayfield Road including possible realignment at Arterial A2 west of Regional Road 50.

Part B

- East-West (E-W) Arterial, a new east-west minor arterial roadway from The Gore Road to Arterial A2.
- Clarkway Drive from Castlemore Road to Mayfield Road.
- Countryside Drive from west of Clarkway Drive to Regional Road 50 including possible realignment at Regional Road 50.

In order to address transportation capacity needs in the area, a number of alternatives will be examined as part of the study including the overall impacts of alternatives on the social, cultural and natural environment.



The Process

The City of Brampton recently completed the Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan Study which fulfilled the requirements of Phases 1 and 2 of the Municipal Class EA process. The City is proceeding with Phases 3 and 4 of the Municipal Class EA process as part of this study. This notice marks the start of this Class EA Study, which will review and confirm the solutions recommended by the Transportation Master Plan Study in consultation with regulatory agencies, and the public. The study is being carried out in accordance with the planning and design process for Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment (October 2000, as amended in 2007 and 2011), which is approved under the Ontario Environmental Assessment Act

Consultation with stakeholders (public and agencies) is a key component of the study. At least two Public Information Centres (PICs) will be held to discuss issues related to the project, including alternative solutions, evaluation criteria, environmental impacts and mitigation measures. PIC dates and details will be advertised as the study progresses. Upon completion of the study, Environmental Study Reports (ESRs) will be prepared and made available for public review and comment.

Comments Invited

If you have any questions or comments regarding the study, or wish to be added to the study mailing list, please contact either of the following project team members:

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Public Works
City of Brampton
8850 McLaughlin Road, Unit 2,
Brampton, ON L6Y 5T1
Tel : 905.874.2500
Fax : 905.874.2505
E-mail : bishnu.parajuli@brampton.ca

David Sinke, P.Eng.
Consultant Project Manager
Amec Foster Wheeler
Environment & Infrastructure
3215 North Service Road
Burlington, ON L7R 3G2
Tel : 905.335.2353
Fax : 905.335.1414
Toll Free : 1.866.751.2353
E-mail : david.sinke@amecfw.com

Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Shams, Aniq

From: Kelly, Mary K
Sent: Thursday, April 14, 2016 7:34 AM
To: Tracey L. General
Subject: RE: Peel Region & City of Brampton

Hi Tracey,

I look forward to meeting you as well.

Attending from the City will be Bishnu Parajuli, and attending from Amec Foster Wheeler (the City's consultant) will be myself with David Sinke and Rob Young.

Can you tell me who might be attending from HDI?

Cheers, Mary

From: Tracey L. General [REDACTED]
Sent: April-13-16 1:30 PM
To: Kelly, Mary K <mary.k.kelly@amec.com>
Subject: Re: Peel Region & City of Brampton

Good Afternoon Mary:

Yes, the 26th is still available for 1 p.m. so I will schedule the Region of Peel for this time.

And also, I have April 18th for 1 p.m. scheduled for City of Brampton.

Look forward to meeting you!

Thank you!
Tracey

On 13-Apr-16, at 1:26 PM, Kelly, Mary K wrote:

By the Way, just to confirm the 26th would be for peel region and we would keep the 18th for the city of Brampton.

On Apr 12, 2016, at 10:32 AM, Tracey L. General <traceyghdi@gmail.com> wrote:

Good Morning Mary:

I am sorry for the inconvenience but I thought both projects were taking place at the same meeting. So I have no meeting scheduled for April 13th but do have the one scheduled for April 18th.

The next available date I have is April 25th at 10 a.m. or 1 p.m.

Again, I am sorry for the inconvenience.

Thank you!

Tracey L. General
Administrative Assistant
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken, ON
N0A 1M0

On 12-Apr-16, at 10:18 AM, Kelly, Mary K wrote:

Hi Tracey,

I am just back from vacation today. We have two meetings set:

- April 13 at 1pm with Peel Region
- April 18 at 1pm with the City of Brampton

Can you confirm?

Cheers, Mary

From: Tracey L. General [REDACTED]
Sent: April-05-16 11:42 AM
To: Kelly, Mary K <mary.k.kelly@amec.com>
Subject: Peel Region & City of Brampton

Good Morning Ms. Kelly:

I am just doing a follow up to see if the meeting is set for April 18, 2016.

Look forward to hearing from you!

Thank you!

Tracey L. General
Administrative Assistant
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken, ON
N0A 1M0

Kelly, Mary K

From: Kelly, Mary K
Sent: Tuesday, April 19, 2016 12:00 PM
To: 'Tracey L. General'
Subject: RE: HDI Application

Follow Up Flag: Follow up
Flag Status: Flagged

Thanks so much Tracey.

From: Tracey L. General [REDACTED]
Sent: April-19-16 11:15 AM
To: Kelly, Mary K <mary.k.kelly@amec.com>
Subject: HDI Application

Good Morning:

RE: HDI Application

Please find attached the HDI Application Form.

Thank you!

Tracey L. General

Administrative Assistant

Haudenosaunee Development Institute

16 Sunrise Court, Suite 600

P.O. Box 714

Ohswegen, ON

N0A 1M0

Shams, Aniq

From: Kelly, Mary K
Sent: Wednesday, April 20, 2016 1:18 PM
To: Fawn Sault
Cc: Megan DeVries
Subject: RE: Meetings

Good afternoon,

I hope you had a good sleep last night and are starting to feel better.

I have connected with the various groups to see what dates/times might work. Perhaps we could try making the meetings 1.5 hours and scheduling back-to-back (such as 9 and 1030 am or 130 and 3pm) on Wednesday, April 27. Let me know if these work for you and I will update the invites!

If not can you let me know what dates/times you and Megan have available over the next couple of weeks.

Cheers, Mary

PS. Based on Megan's comments about food last week I made some treats to share but popped them into my Mom's freezer and will bring them next time!

From: Fawn Sault [mailto:Fawn.Sault@newcreditfirstnation.com]
Sent: April-19-16 5:37 PM
To: Kelly, Mary K <mary.k.kelly@amec.com>
Cc: Megan DeVries <Megan.DeVries@newcreditfirstnation.com>
Subject: Re: Meetings

I know Mary, I'm so sorry. I've ended up sick and off for the week. I'll check the calendar tomorrow and see what we can do.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Kelly, Mary K
Sent: Tuesday, April 19, 2016 5:31 PM
To: Fawn Sault
Cc: Megan DeVries
Subject: RE: Meetings

Thanks Fawn,

Sorry to hear about that – I was looking forward to seeing to the discussions!

Do you have any availability next week? Or the following week?

Cheers, Mary

From: Fawn Sault [mailto:Fawn.Sault@newcreditfirstnation.com]
Sent: April-19-16 5:15 PM

To: Kelly, Mary K <mary.k.kelly@amec.com>
Cc: Megan DeVries <Megan.DeVries@newcreditfirstnation.com>
Subject: Meetings

Hi Mary,

I am very sorry but I have to cancel our meetings this week and reschedule. I understand these projects are wanting to move forward. If they plan on starting work before we've rescheduled please make them aware we must have FLRs on site when they are doing anything which can be arranged with Megan. In the meantime we'll get the meetings rescheduled.

Again Mary I am very sorry.

Thank you.

Sent from my BlackBerry 10 smartphone on the Bell network.



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Kelly, Mary K

Subject: Area 47 Class EAs Discussion with Mississaugas of the New Credit
Location: 6 First Line Rd., R.R. #6, Hagersville, ON

Start: Thu 4/28/2016 9:00 AM
End: Thu 4/28/2016 10:30 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Kelly, Mary K
Required Attendees: Fawn Sault; Parajuli, Bishnu; Sinke, David
Optional Attendees: Duyvestyn, Chris; Megan DeVries; Quentin Lewis

Good afternoon Fawn,

Per our discussion this meeting will provide the City of Brampton an opportunity to introduce the Area 47 Class EAs.

Look forward to seeing you soon.

Cheers, Mary



Minutes

Date: May 02, 2016
File #: TP115086
Meeting Date & Time: April 28, 2016, 9:00 – 10:30 a.m.
Meeting at: Mississaugas of the New Credit First Nation (MNCFN),
Department of Consultation and Accommodation Office,
Hagersville, Ontario
Subject: Area 47 Class Environmental Assessments

Attendees:

Fawn Sault (FS), MNCFN	Compton Bobb (CB), City of Brampton
Megan DeVries (MD), MNCFN	David Sinke (DS), Amec Foster Wheeler
	Mary Kelly (MK), Amec Foster Wheeler

MATTERS DISCUSSED

ACTION BY:

1. Introduction

Introductions were provided by each attendee. From the Mississaugas of the New Credit First Nation (MNCFN) Megan DeVries (MD) is an archaeologist and the Field Liaison Representative (FLR) coordinator and Fawn Sault (FS) is the consultation manager. From the City of Brampton, Compton Bobb (CB) is filling in for the City's Project Manager, Bishnu Parajuli. David Sinke (DS) is the Project Manager for the City's consultant, Amec Foster Wheeler. Mary Kelly (MK) is the consultant's consultation lead.

2. Historical Overview

FS provided a background on the Anishinaabe people as well as the MNCFN. In the area, prior to arrival of the French, the area included the Huron, Petum (Tobacco) and Neutral. As the economic stimulus of the fur trade brought the French, it also brought disease that devastated that Anishinaabe people. There is a medicinal plant that is used to treat small pox but it was over harvested and as a result there was a halt placed on its harvest (it is also a plant that cannot be successfully transplanted).

PLEASE NOTE: If there is any comment or amendment to be made to these meeting notes, they should be brought to the notice of Amec Foster Wheeler within 24 hours of issue and confirmed in writing

Continued...

Meeting Date: April 28, 2016

MATTERS DISCUSSED

ACTION BY:

Thee Huron were pushed north and east as the Five Nations (Seneca, Cayuga, Onondaga, Oneida, and Mohawk) took advantage of the disease plagued Huron. The Annishinaabe people waited to see if Five Nations would continue their push north and they did. As a result, the Beaver Wars began through a military alliance of the three fires: Ojibwe, Odawa, and Potawatomi. The three fires is represented on the MNCFN logo. The wars were brutally effective and pushed the Five Nations back across the lake. It is said that there 1000's of canoes in the waterways and Skull Island was named after the visual results of the war.

In 1700, a peace treaty was signed between the Mohawk and the Mississaugas to put an end to the bloodshed. Intermarriages meant that you cannot kill your family.

The Five Nations later (1720) became the Six Nations with the addition of Tuscarora. FS said that around 1746 that it became the Seven Nations with the addition of the Mississaugas but that an Elder identified that it did not happen because the government did not ratify it.

The Huron and Seneca had large villages and stayed in place much longer whereas the Mississaugas 'lived lightly on the land'.

With the American Revolution (1775), the British were losing the fight and with the support of Six Nations and loyalists they won. However, they needed to provide these supporters a place to live. The Haldimand Tract was given to them.

The Mississaugas were living along what is now known as the Credit River. They were known as good business people and took care of each other so that they always stood in good credit (hence the name). However, the influx of settlers imposed on their way of life and they were forced to relocate to the current reserve area. The Six Nations offered the land; they later requested payment for the land.

The Government gave order to cause strife between the Six Nations and the Mississaugas due to the power these Aboriginal groups held. There was a clear discrepancy in the understanding of land – ownership vs. sharing.

3. MNCFN DOCA

In January 2015, the MNCFN formed the Department of Consultation and Accommodation (DOCA) to handle duty to consult requests. Prior to this, there was no structure and handling requests was challenging. Mark LaForme is there director and aside from FS and MD there are five other staff (four of which were recently hired) including an office manager, two administrative assistants, a strategic advisor and specialist in Traditional Knowledge/Land Use.

MNCFN to provide draft agreement (provided April 29, 2016)

Continued...

Meeting Date: April 28, 2016

MATTERS DISCUSSED

ACTION BY:

MNCFN have two new claims:

1. March 2016, land claim for the Rouge Valley
2. May 2016 (anticipated), claim for the water, lands under the water and floodplains within their Traditional Territory

FS handles the triage of over 100 request a week. As part of this triage process, the MNCFN assesses the information into:

- Low level concern, such as small infrastructure and residential development projects; and
- High level concern, such as pipelines, renewable energy, large infrastructures project, or projects that are likely to impact Aboriginal and treaty rights. These triggers may include work in or near waterways/floodplains/wetlands, Species At Risk, archaeology.
 - Consultation expectations at this level include meetings, capacity funding to review reports, and Impact Benefit Agreements (IBAs) for large or long-term project.

Megan DeVries (MD) identified that the MNCFN's main reason for concern is that the project occurs within their traditional territory and crosses the Credit River, which is the heart of their homeland.

The type of information that MNCFN seeks upfront is any existing environmental (aquatic, terrestrial, plant, ecological, land classification) or archaeological studies. There is also the expectation of participation by FLR. Two monitors are always sent out for safety and security. For archaeological work this includes all Stage 2, 3 and 4 work. The main purpose for the presence of field liaison monitors is to have eyes on the ground (otherwise they are unsure of the field work). The view is that if boots are on the ground then the FLRs should be there. FLRs participate alongside consultant. The proponent is expected to cover the costs of the field monitors (rate, per diem, mileage) but that MNCFN has the necessary insurance and WSIB coverage. The terms and contract provide the details.

MNCFN goal is to sit down with municipalities to build relationships and be part of the process for planning and development projects (such as Official Plans and amendments, Class EAs). Notices are not consultation.

Construction and post monitoring FLR participation is also expected for large projects and/or where concerns are identified.

4. Project Details

DS provided an overview of project specifics through review of drawings of the Class EA study area.

City to provide link to previous

Continued...

Meeting Date: April 28, 2016

MATTERS DISCUSSED

The project covers the last undeveloped area within the municipal boundaries. It will provide transportation connections to the future/proposed Highway 427 extension and GTA West. It is situated in the Humber River Watershed.

The Secondary Plan for Area 47 (SP47) is an amendment to the Official Plan and includes a Transportation Plan. The Class EA will look at road improvements for Clarkway Road, Countryside Drive and Coleraine Road as well as two new aerial roads (A2 and East-West). The current study will confirm and refine the proposed configurations.

There are some wetlands in the area as identified on the land use map. Some in-water work may involve the removal of fish barriers to enhance the environment. DS identified that the team is consulting with the MNR and GRCA.

FS identified that they would like to be involved in the mitigation enhancement effort.

The human and biophysical studies will proceed once permissions to enter are acquired (likely May or June). The majority of the studies (including archaeological and heritage) will focus on the corridors whereas other (such as stormwater) will focus on the broader area.

The MESP was completed and sent for review to the province

MD requested that any existing archaeological and environmental studies be shared.

MD also requested the contact details for the developers in the study area.

MD requested the contacts for the archaeological and environment teams to schedule participation.

If you notice any errors or omissions in this document,
please advise ben.ricker@amec.com within two (2) days of the issuance of these minutes

Meeting Minutes prepared by:

Amec Foster Wheeler Environment & Infrastructure
A division of Amec Foster Wheeler Americas Limited

Per: Mary Kathryn Kelly, B.Sc.

ACTION BY:

studies,
including MESP

City to provide
contact details
for developers
in study area

City to provide
contact details
for consultant
environmental
and
archaeological
leads

City to include
MNCFN in
enhancement
efforts

Shams, Aniq

From: Megan DeVries <Megan.DeVries@newcreditfirstnation.com>
Sent: Friday, April 29, 2016 1:26 PM
To: compton.bobb@brampton.ca
Cc: Fawn Sault; Kelly, Mary K; Mark LaForme
Subject: MNCFN Contract for FLR Participation in Area 47 Class EA
Attachments: MNCFN Contract for FLR Participation.docx

Good afternoon, Compton!

Thank you for meeting with Fawn and I yesterday morning regarding the Area 47 Class EA project. I am writing to you as a follow-up to that meeting. Please note that it is our policy at MNCFN that all consultation should be carried out directly between the First Nation and the proponent, rather than through a consultant, but given her helpfulness, I have CC'd Mary Kelly of AMEC Foster Wheeler.

I understand that for some proponents this can be unfamiliar territory. Therefore, please allow me to provide you with some background:

Mississaugas of the New Credit First Nation [MNCFN] has formed a new Department of Consultation and Accommodation, in order to respond to rapid and consistent development within its traditional territory. Both the authorities who approve this development and the proponents who drive it have certain consultation responsibilities to the First Nation, as a result of MNCFN's Aboriginal and treaty rights and our continued interests and concerns regarding the land. One of the ways we require proponents to engage with us is in providing transparency during the environmental survey and archaeological assessment process. The best way to accomplish this is by having Field Liaison Representatives on location while fieldwork is occurring, who can ensure that the First Nation's special interests and concerns are respected and considered during the fieldwork. The cultural and natural resources in question are part of MNCFN's traditional territory and heritage, and it is our responsibility to ensure their protection, on behalf of the community.

Therefore, MNCFN insists that its Field Liaison Representatives ("FLRs") are on site whenever any environmental or archaeological fieldwork (Stages 2 through 4) is occurring within our traditional territory. Our preference is that the cost for the participation of our FLRs is covered by the proponent, not the consultant, whom we view as having the ultimate responsibility to consult with the First Nation.

Please also note that MNCFN requires two of its Field Liaison Representatives to be on location whenever fieldwork is taking place within its traditional territory. The reason for this is so that FLRs can provide support and security for each other in the field. This has become a requirement in light of uncommon, but unfortunate, occurrences when FLRs have felt pressured or intimidated from external persons while at work locations. We ask that you would respect this request.

Therefore, please find attached the contract that covers MNCFN's participation in this environmental and archaeological work. The costs associated with this involvement reflect a number of expenses not visible at first glance: payment for the Field Liaison Representatives themselves, operational costs for the department, and efforts to engage the community to garner feedback on these projects. If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy, that would be greatly appreciated. After we have received it, we can execute the contract on our end and return the completed contract to you. Afterwards, I can arrange scheduling and other fieldwork-related matters directly with AMEC Foster Wheeler, if you prefer.

For your information, the Federal Canada Treasury Board guidelines can be located at the following web addresses. For 2016, they are as follows:

Mileage (\$0.53/km): <http://www.njc-cnm.gc.ca/directive/travel-voyage/s-td-dv-a2-eng.php>
Per Diem (\$78.80 a day): <http://www.njc-cnm.gc.ca/directive/travel-voyage/s-td-dv-a3-eng.php>

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

Sincerely,
Megan.

**Megan DeVries | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) |
Mississaugas of New Credit First Nation | 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell:
289-527-2763 | megan.devries@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>**

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Kelly, Mary K

From: Bobb, Compton <Compton.Bobb@brampton.ca>
Sent: Tuesday, May 10, 2016 3:52 PM
To: Kelly, Mary K
Cc: Parajuli, Bishnu; Sinke, David; Young, Rob
Subject: RE: Brampton - Area 47 Class EAs
Attachments: DOC.PDF

Follow Up Flag: Follow up
Flag Status: Flagged

Mary/David:

For your information, attached is a letter we received from Curve Lake First Nation.

Regards,

Compton Bobb

From: Melissa Dokis [mailto:MelissaD@curvelake.ca]
Sent: 2016/05/04 9:45 AM
To: Kelly, Mary K; Phyllis Williams
Cc: Parajuli, Bishnu; Bobb, Compton; Sinke, David; Young, Rob
Subject: RE: Brampton - Area 47 Class EAs

Good morning,

As discussed, attached is the Curve Lake First Nation Consultation and Accommodation Standards.

Miigwech,



Melissa Dokis
Lands and Resources Consultation Liaison
Curve Lake First Nation
Government Services Building
22 Winookeeda Street, Curve Lake, ON K0L 1R0
P: 705.657.8045 F: 705.657.8708
W: www.curvelakefirstnation.ca
E: MelissaD@curvelake.ca

From: Kelly, Mary K [mailto:mary.k.kelly@amecfw.com]
Sent: April-22-16 1:19 PM

To: Phyllis Williams <PhyllisW@curvelake.ca>; Melissa Dokis <MelissaD@curvelake.ca>
Cc: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Bobb, Compton <Compton.Bobb@brampton.ca>; Sinke, David <david.sinke@amecfw.com>; Young, Rob <rob.young@amecfw.com>
Subject: Brampton - Area 47 Class EAs

Good afternoon Chief Williams,

The City of Brampton is undertaking two Class Environmental Assessments (Schedule C) to address transportation capacity needs in northeast section of the City. The study will assess arterial roads within the Highway 427 Industrial Secondary Plan Area (Area 47).

Please find attached the letter from the City as well as summary of the Project and the Notice of Commencement.

I will follow-up with the Curve Lake First Nation in the coming weeks to further discuss. Please do not hesitate to contact us should you have any questions or comments.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com



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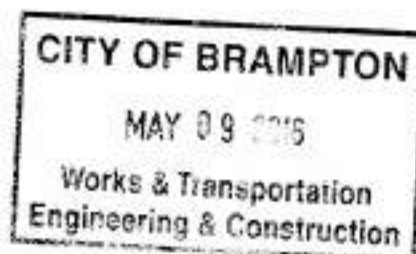
Government Services
Building
22 Winookeeda Street
Curve Lake, Ontario K0L1R0



Phone: 705.657.8045
Fax: 705.657.8708
www.curveLakefirstnation.ca

4 May, 2016

Bishnu Parajuli
8850 McLaughlin Road, Unit 2
Brampton, Ontario L6Y 5T1



Dear Sir or Madam,

RE: Brampton - Area 47 Class EA's; Arterial Roads within Highway 427; File No.: EA10-SP47-111

I would like to acknowledge receipt of your correspondence, which was received on 4/22/2016 regarding the above noted project.

As you may be aware, the area in which your project is proposed is situated within the Traditional Territory of Curve Lake First Nation. Our First Nation's Territory is incorporated within the Williams Treaties Territory and is the subject of a claim under Canada's Specific Claims Policy. We strongly suggest that you provide Karry Sandy-Mackenzie, Williams Treaty First Nation Claims Coordinator, 8 Creswick Court, Barrie, ON L4M 2S7, with a copy of your proposal as your obligation to consult to also extend to the other First Nations of the Williams Treaties.

Although we have not conducted exhaustive research nor have we the resources to do so, Curve Lake First Nation Council is not currently aware of any issues that would cause concern with respect to our Traditional, Aboriginal and Treaty rights.

Please note that we have particular concern for the remains of our ancestors. Should excavation unearth bones, remains or other such evidence of a native burial site or any Archaeological findings, we must be notified without delay. In the case of a burial site, Council reminds you of your obligations under the Cemeteries Act to notify the nearest First Nation Government or other community of Aboriginal people which is willing to act as a representative and whose members have a close cultural affinity to the interred person. As I am sure you are aware, the regulations further state that the representative is needed before the remains and associated artifacts can be removed. Should such a find occur, we request that you contact our First Nation immediately.

Curve Lake First Nation also has available, trained Archaeological Liaisons who are able to actively participate in the archaeological assessment process as a member of a field crew, the cost of which will be borne by the proponent.

Government Services
Building
22 Winookeeda Street
Curve Lake, Ontario K0L1R0



Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

If any new, undisclosed or unforeseen issues should arise, that has potential for anticipated negative environmental impacts or anticipated impacts on our Treaty and Aboriginal rights we require that we be notified regarding these as well.

Thank you for recognizing the importance of consultation and respecting your duty to consult obligations as determined by the Supreme Court of Canada.

Should you have further questions or if you wish to hire a liaison for a project, please feel free to contact our Lands and Resources Consultation Liaison Melissa Dokis at MelissaD@curvelake.ca, or by phone at 705-657-8045.

Yours sincerely,

Chief Phyllis Williams
Curve Lake First Nation

From: Dave Mowat [mailto:dmowat@scugogfirstnation.com]
Sent: 2016/05/17 12:12 PM
To: Parajuli, Bishnu
Subject: Arterial Roads-Highway 427 Industrial Secondary Plan File EA10-SP47-111

Good Afternoon:

Regarding the cited project this project lies within the treaty areas of the Mississauga of the New Credit First Nation, namely #13A and #19. We would defer to New Credit regarding the archaeological piece however, we take an interest insofar as impacts to the environment. Insofar as Treaty and Aboriginal Rights we do not exercise these in the project area. Overall, however, I take an interest in how all municipalities of the GTA are expanding outward and up it would seem to the Greenbelt boundary.

Thank you,

Dave Mowat
Consultation, Lands and Membership Supervisor
Mississaugas of Scugog Island First Nation
22521 Island Rd.
Port Perry, ON, L9L 1B6
Phone: (905) 985-3337 ext. 263
Fax: (905) 985-8828
Email: dmowat@scugogfirstnation.com

Mississaugas of Scugog Island First Nation Notice & Disclaimer

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Kelly, Mary K

From: Todd Williams [redacted]
Sent: Thursday, June 23, 2016 1:53 PM
To: Kelly, Mary K
Subject: Re: Agreement for Field Monitors
Attachments: HDI Environmental Monitoring Agreement -City of Brampton-623.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

See attached for City of Brampton draft agreement

On Thu, Jun 23, 2016 at 12:55 PM, Kelly, Mary K <mary.k.kelly@amecfw.com> wrote:

Thanks Todd. Do you have one for the City of Brampton? Cheers, Mary

From: Todd Williams [mailto:[redacted]]
Sent: June-23-16 12:13 PM
To: Kelly, Mary K <mary.k.kelly@amec.com>
Subject: Re: Agreement for Field Monitors

Hi Mary, sorry for the delay, see attached

On Mon, Jun 20, 2016 at 8:36 AM, Kelly, Mary K <mary.k.kelly@amecfw.com> wrote:

Good morning Todd,

I hope all is well and that you had a lovely weekend. The weather has been absolutely spectacular.

I wanted to follow-up on our discussion from last week and see if you can provide the draft agreement. We anticipate getting out into the field to start field work very soon (i.e., later this week or early next) so as not to lose the survey windows.

Cheers, Mary

Kelly, Mary K

From: Kelly, Mary K
Sent: Monday, September 12, 2016 12:34 PM
To: 'Todd Williams'
Cc: Hazel Hill; Wayne Hill
Subject: City of Brampton - Area 47 Class EA
Attachments: HDI-Brampton-MonitorsAgreement_Final.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Todd,

Please find attached the proposed draft agreement with the City of Brampton/Amec Foster Wheeler for environmental monitors for the Area 47 for review and comment. Please see below for the timings of the upcoming field work. You should note that at this stage of the project only natural sciences field investigations are taking place.

If you should have any questions or comments please let us know.

Cheers, Mary

The natural sciences field investigations will consist of terrestrial and aquatic surveys and habitat assessments of the watercourses crossed by the proposed new arterial roads where permissions to enter have been granted.

- Terrestrial surveys will consist of:
 - Terrestrial reconnaissance field site visits will be completed to confirm existing conditions detailed in the Master Environmental Servicing Plan and to update any localized habitat changes that may have occurred since supporting technical studies were completed;
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 - No fish sampling or electrofishing will be carried out.
- Estimated duration of the surveys will be 1 -2 days. This survey could be potentially take place next week but will be confirmed.

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

Kelly, Mary K

From: Todd Williams <[REDACTED]>
Sent: Thursday, September 15, 2016 5:53 PM
To: Kelly, Mary K
Cc: Hazel Hill; Wayne Hill; Aaron Detlor; Brian Doolittle
Subject: Re: City of Brampton - Area 47 Class EA
Attachments: HDI Monitoring Agreement-City of Brampton-Area 47 Class EA Project-15Sep16.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Mary, see attached HDI monitoring agreement for the City of Brampton, Area 47 Class EA

On Mon, Sep 12, 2016 at 12:34 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Good afternoon Todd,

Please find attached the proposed draft agreement with the City of Brampton/Amec Foster Wheeler for environmental monitors for the Area 47 for review and comment. Please see below for the timings of the upcoming field work. You should note that at this stage of the project only natural sciences field investigations are taking place.

If you should have any questions or comments please let us know.

Cheers, Mary

The natural sciences field investigations will consist of terrestrial and aquatic surveys and habitat assessments of the watercourses crossed by the proposed new arterial roads where permissions to enter have been granted.

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Mary Kathryn Kelly B.Sc.

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mary.k.kelly@amecfw.com amecfw.com



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Shams, Aniq

From: Kelly, Mary K
Sent: Monday, September 12, 2016 1:42 PM
To: Young, Rob
Subject: FW: City of Brampton - Area 47 Class EA

FYI

From: Chris Neill [mailto:chris.neill@newcreditfirstnation.com]
Sent: September-12-16 1:44 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Subject: RE: City of Brampton - Area 47 Class EA

Thank-you, Mary. I will go over the agreement and get it signed. I will let you know which of our field reps we will send.

Much obliged,

Chris Neill

Chris GW Neill (P242) | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) | Mississaugas of New Credit First Nation | 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell: 289-527-2763 | chris.neill@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>

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From: Kelly, Mary K [mailto:Mary.k.Kelly@amecfw.com]
Sent: Monday, September 12, 2016 12:35 PM
To: Chris Neill
Subject: City of Brampton - Area 47 Class EA

Good afternoon Chris,

Please find attached the proposed draft agreement with the City of Brampton/Amec Foster Wheeler for FLRs for the Area 47 for review and comment. Please see below for the timings of the upcoming field work. You should note that at this stage of the project only natural sciences field investigations are taking place.

If you should have any questions or comments please let us know.

Cheers, Mary

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Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

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mary.k.kelly@amecfw.com amecfw.com



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Kelly, Mary K

From: Chris Neill <chris.neill@newcreditfirstnation.com>
Sent: Monday, September 12, 2016 2:14 PM
To: Kelly, Mary K
Subject: RE: City of Brampton - Area 47 Class EA
Attachments: Area 47 Class EA Contract.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello, Mary: Please find attached our signed copy of the Environmental and Archaeology Monitors agreement for the Area 47 Class EA project, Brampton.
We have made no changes to the terms.
Please have the agreement signed by the City of Brampton and AMEC Foster Wheeler.

Much obliged,

Chris Neill

Chris GW Neill (P242) | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) | Mississaugas of New Credit First Nation | 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell: 289-527-2763 | chris.neill@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>

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From: Kelly, Mary K [mailto:Mary.k.Kelly@amecfw.com]
Sent: Monday, September 12, 2016 12:35 PM
To: Chris Neill
Subject: City of Brampton - Area 47 Class EA

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If you should have any questions or comments please let us know.

Cheers, Mary

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Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

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mary.k.kelly@amecfw.com amecfw.com



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Kelly, Mary K

From: Chris Neill <chris.neill@newcreditfirstnation.com>
Sent: Wednesday, September 14, 2016 8:24 AM
To: Kelly, Mary K
Cc: Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA

Follow Up Flag: Follow up
Flag Status: Flagged

Will do. I will copy you on the e-mail.

Chris Neill

From: Kelly, Mary K [mailto:Mary.k.Kelly@amecfw.com]
Sent: Wednesday, September 14, 2016 7:16 AM
To: Chris Neill
Cc: Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA

Good morning Chris,

Thanks so much for your quick response. We forwarded the file to the City but they have identified that they require an original signature. Could you have it couriered to the City at:

Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Public Works
City of Brampton
8850 McLaughlin Road, Unit 2, Brampton, ON L6Y 5T1

Any questions please let me know. Cheers, Mary

From: Chris Neill [mailto:chris.neill@newcreditfirstnation.com]
Sent: September-12-16 2:14 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Subject: RE: City of Brampton - Area 47 Class EA

Hello, Mary: Please find attached our signed copy of the Environmental and Archaeology Monitors agreement for the Area 47 Class EA project, Brampton.

We have made no changes to the terms.

Please have the agreement signed by the City of Brampton and AMEC Foster Wheeler.

Much obliged,

Chris Neill

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From: Kelly, Mary K [<mailto:Mary.k.Kelly@amecfw.com>]
Sent: Monday, September 12, 2016 12:35 PM
To: Chris Neill
Subject: City of Brampton - Area 47 Class EA

Good afternoon Chris,

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If you should have any questions or comments please let us know.

Cheers, Mary

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Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

Kelly, Mary K

From: Kelly, Mary K
Sent: Friday, September 16, 2016 2:25 PM
To: 'Chris Neill'
Cc: Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Chris,

Thanks so much for the information and as soon as we confirm more details we will be in touch.

Cheers, Mary

From: Chris Neill [mailto:chris.neill@newcreditfirstnation.com]
Sent: September-16-16 2:14 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: RE: City of Brampton - Area 47 Class EA

Hello, Mary: I will have one of our most experienced environmental field representatives available for the Area 47 ecological surveys. Alison LaForme (905-541-8893). She is aware that there are still details pending. I will have her ready to switch off other sites when you have finalized matters on your end.

Much obliged for your consideration in this regard,

Chris Neill

Chris GW Neill (P242) | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) | Mississaugas of New Credit First Nation | 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell: 289-527-2763 | chris.neill@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>

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Bishnu Parajuli, M.A.Sc., P.Eng.
Senior Project Engineer
Public Works
City of Brampton
8850 McLaughlin Road, Unit 2, Brampton, ON L6Y 5T1

Any questions please let me know. Cheers, Mary

From: Chris Neill [<mailto:chris.neill@newcreditfirstnation.com>]
Sent: September-12-16 2:14 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Subject: RE: City of Brampton - Area 47 Class EA

Hello, Mary: Please find attached our signed copy of the Environmental and Archaeology Monitors agreement for the Area 47 Class EA project, Brampton.

We have made no changes to the terms.

Please have the agreement signed by the City of Brampton and AMEC Foster Wheeler.

Much obliged,

Chris Neill

Chris GW Neill (P242) | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) | Mississaugas of New Credit First Nation | 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell: 289-527-2763 | chris.neill@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>

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From: Kelly, Mary K [<mailto:Mary.k.Kelly@amecfw.com>]
Sent: Monday, September 12, 2016 12:35 PM
To: Chris Neill
Subject: City of Brampton - Area 47 Class EA

Good afternoon Chris,

Please find attached the proposed draft agreement with the City of Brampton/Amec Foster Wheeler for FLRs for the Area 47 for review and comment. Please see below for the timings of the upcoming field work. You should note that at this stage of the project only natural sciences field investigations are taking place.

If you should have any questions or comments please let us know.

Cheers, Mary

The natural sciences field investigations will consist of terrestrial and aquatic surveys and habitat assessments of the watercourses crossed by the proposed new arterial roads where permissions to enter have been granted.

- Terrestrial surveys will consist of:
 - Terrestrial reconnaissance field site visits will be completed to confirm existing conditions detailed in the Master Environmental Servicing Plan and to update any localized habitat changes that may have occurred since supporting technical studies were completed;
 - Updated vegetation community mapping using the Ecological Classification System (ELC);
 - Observation of plant and wildlife species, including any observed rare species or Species at Risk;
 - General assessment of critical features (Provincially Significant Wetlands, Significant Ecological Areas, rare vegetation communities, corridors, and significant wildlife habitats) within and in immediate vicinity of the study corridors; and
 - Identification of potentially suitable SAR habitat and the probability of SAR occurrence.
- Estimated duration of the surveys will be 3 – 4 days. Schedule to be confirmed but it is expected that work surveys will take place in the next two weeks, possibly the week of the 19th.

- Aquatic surveys will consist of:
 - Visiting the potential crossing sites associated with the proposed new arterial roads (crossings on the existing roads were completed earlier this year); and
 - Fish habitat mapping within drainage features which appear to provide any direct fish habitat extending up to 50 m upstream and 200 downstream of each proposed water crossing.
 - No fish sampling or electrofishing will be carried out.
- Estimated duration of the surveys will be 1 -2 days. This survey could be potentially take place next week but will be confirmed.

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

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mary.k.kelly@amecfw.com amecfw.com



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Kelly, Mary K

From: Chris Neill <chris.neill@newcreditfirstnation.com>
Sent: Tuesday, December 13, 2016 2:19 PM
To: Kelly, Mary K
Cc: Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA

Thank-you, Mary. I will run this by our Director, Mark LaForme and get back to you as soon as possible.

Chris Neill

Chris GW Neill (P242) | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) | Mississaugas of New Credit First Nation | Unit 1, 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell: 289-527-2763 | chris.neill@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>

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From: Kelly, Mary K [mailto:Mary.k.Kelly@amecfw.com]
Sent: Tuesday, December 13, 2016 2:12 PM
To: Chris Neill
Cc: Young, Rob
Subject: City of Brampton - Area 47 Class EA

Hi Chris,

I hope all is well with you. As you may recall, MNCFN signed an agreement for the City of Brampton's for participation of FLRs. Thank-you for that. Unfortunately, the agreement had not been completely reviewed by some individuals. These three party agreements took more review. Therefore, would you please review the updated agreement and let myself or Rob Young know if you have any concerns or issues with it.

If you do not have any comments, could you have it signed and the original mailed to David Sinke (address in the attached)?

Once we begin the spring field season planning we will be in touch.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
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mary.k.kelly@amecfw.com amecfw.com

Kelly, Mary K

From: Chris Neill <chris.neill@newcreditfirstnation.com>
Sent: Tuesday, December 13, 2016 3:39 PM
To: Sinke, David
Cc: Kelly, Mary K
Subject: RE: City of Brampton - Area 47 Class EA
Attachments: Area 47 Class EA MNCFN Contract.pdf

David:

Mary sent this updated version of the Area 47 Class EA [REDACTED] contract for MNCFN field representatives on for signatures.

Please find attached the signed copy. If you could have it signed on your end, we will be in order for whenever the work is scheduled to begin.

Let me know if you need any additional insurance information from us.

Many thanks,

Chris Neill

Chris GW Neill (P242) | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) | Mississaugas of New Credit First Nation | Unit 1, 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell: 289-527-2763 | chris.neill@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>

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From: Kelly, Mary K [mailto:Mary.k.Kelly@amecfw.com]
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To: Chris Neill
Cc: Young, Rob
Subject: City of Brampton - Area 47 Class EA

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If you do not have any comments, could you have it signed and the original mailed to David Sinke (address in the attached)?

Once we begin the spring field season planning we will be in touch.

Kelly, Mary K

From: Kelly, Mary K
Sent: Thursday, January 05, 2017 1:24 PM
To: 'Todd Williams'
Cc: Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA
Attachments: HDI-Brampton-MonitorsAgreement_DATE.DOCX

Happy New Year Todd.

I hope that you had a great holiday season. We wanted to follow-up with you on this email and see if you have had a chance to review the proposed agreement. If you have any questions or comments please let us know.

Cheers, Mary

From: Kelly, Mary K
Sent: Tuesday, December 13, 2016 2:07 PM
To: 'Todd Williams' [REDACTED]
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: City of Brampton - Area 47 Class EA

Good afternoon Todd,

We wanted to follow-up regarding the City of Brampton's Area 47 Class EA project. The City has completed the review of the agreement you provided and has proposed the attached agreement.

It would be wonderful if we could finalize this agreement before the end of the year so that we have it in place in advance of spring field work planning. Please let Rob Young and I know if you have any comments or questions.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com

Kelly, Mary K

From: Megan DeVries <Megan.DeVries@newcreditfirstnation.com>
Sent: Thursday, January 12, 2017 9:25 AM
To: Kelly, Mary K
Cc: Sinke, David; King, Maria E; Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA

Good morning, Mary!

I've recently returned from my maternity leave and will be resuming my duties as Archaeological Coordinator in place of Chris. I hope he has been most helpful while I have been away!

I have put a hardcopy of the agreement in the mail for David's signature.

I look forward to working closely with you in the new year!
Megan.

From: Kelly, Mary K [mailto:Mary.k.Kelly@amecfw.com]
Sent: Tuesday, January 10, 2017 3:48 PM
To: Megan DeVries
Cc: Sinke, David; King, Maria E; Young, Rob
Subject: RE: City of Brampton - Area 47 Class EA

Hi Chris,

Happy New Year! I hope you had a wonderful break.

Thanks so much for sending this before the holidays. In conversation with the City, they identified that they require the signed hardcopy vs. the digital copy of the agreement. Would you be able to send the original to David's attention? Once the agreement has been signed by us and the City we will send a copy for your records.

David's mailing address is:

David Sinke
Amec Foster Wheeler
3215 North Service Road
Burlington, ON L7N 3G2

If you have any question please do not hesitate to let me know!

Cheers, Mary

From: Chris Neill [mailto:chris.neill@newcreditfirstnation.com]
Sent: Tuesday, December 13, 2016 3:39 PM
To: Sinke, David <David.Sinke@amecfw.com>
Cc: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Subject: RE: City of Brampton - Area 47 Class EA

David:

Mary sent this updated version of the Area 47 Class EA ([REDACTED]) contract for MNCFN field representatives on for signatures.
Please find attached the signed copy. If you could have it signed on your end, we will be in order for whenever the work is scheduled to begin.

Let me know if you need any additional insurance information from us.

Many thanks,

Chris Neill

Chris GW Neill (P242) | Archaeological Coordinator | Department of Consultation and Accommodation (DOCA) | Mississaugas of New Credit First Nation | Unit 1, 6 First Line Rd., R.R.#6 | Hagersville, ON. N0A-1H0 | Ph: 905-768-4260 | Cell: 289-527-2763 | chris.neill@newcreditfirstnation.com | <http://www.newcreditfirstnation.com>

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From: Kelly, Mary K [<mailto:Mary.k.Kelly@amecfw.com>]
Sent: Tuesday, December 13, 2016 2:12 PM
To: Chris Neill
Cc: Young, Rob
Subject: City of Brampton - Area 47 Class EA

Hi Chris,

I hope all is well with you. As you may recall, MNCFN signed an agreement for the City of Brampton's for participation of FLRs. Thank-you for that. Unfortunately, the agreement had not been completely reviewed by some individuals. These three party agreements took more review. Therefore, would you please review the updated agreement and let myself or Rob Young know if you have any concerns or issues with it.

If you do not have any comments, could you have it signed and the original mailed to David Sinke (address in the attached)?

Once we begin the spring field season planning we will be in touch.

Cheers, Mary

Mary Kathryn Kelly B.Sc.
Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com

Healy, Maria

From: Kelly, Mary K
Sent: Wednesday, February 08, 2017 12:10 PM
To: Todd Williams
Subject: RE: City of Brampton - Area 47 Class EA
Attachments: HDI-Brampton-MonitorsAgreement_R1.docx

Hi Todd,

The City is fine with HDI's modifications to the agreement. Could you have the agreement signed and a hard copy sent to David Sinke (address within the agreement)?

We will then have David and the City sign and send a copy back to you for your records.

Cheers, Mary

From: Todd Williams [REDACTED]
Sent: Monday, January 09, 2017 3:08 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: Re: City of Brampton - Area 47 Class EA

Hi Mary

I've attached an updated version of the agreement, within condition 11 I added HDI's standard admin fee

Todd

On Mon, Jan 9, 2017 at 1:58 PM, Todd Williams <[REDACTED]> wrote:

Happy New Year to you too, Mary

I will follow-up with the HDI team to see if they have any feedback or comments

Todd

On Thu, Jan 5, 2017 at 1:23 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Happy New Year Todd.

I hope that you had a great holiday season. We wanted to follow-up with you on this email and see if you have had a chance to review the proposed agreement. If you have any questions or comments please let us know.

Cheers, Mary

From: Kelly, Mary K
Sent: Tuesday, December 13, 2016 2:07 PM
To: 'Todd Williams' [REDACTED] >
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: City of Brampton - Area 47 Class EA

Good afternoon Todd,

We wanted to follow-up regarding the City of Brampton's Area 47 Class EA project. The City has completed the review of the agreement you provided and has proposed the attached agreement.

It would be wonderful if we could finalize this agreement before the end of the year so that we have it in place in advance of spring field work planning. Please let Rob Young and I know if you have any comments or questions.

Cheers, Mary

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Healy, Maria

From: Fawn Sault <Fawn.Sault@newcreditfirstnation.com>
Sent: Thursday, February 02, 2017 12:20 PM
To: Kelly, Mary K
Cc: Megan DeVries; Mark LaForme
Subject: RE: Brampton - Area 47 Class EAs - Update

Great thank you Mary

Ms. Fawn D. Sault
Consultation Manager
Department of Consultation and Accommodation
Mississaugas of the New Credit First Nation
Office 905-768-4260
Fax 905-768-9751
Cell 289-527-6580

From: Kelly, Mary K [mailto:Mary.k.Kelly@amecfw.com]
Sent: Monday, January 30, 2017 2:09 PM
To: Fawn Sault
Cc: Megan DeVries; Mark LaForme
Subject: Brampton - Area 47 Class EAs - Update

Hi Fawn,

As discussed last week, I followed up with the team to provide you an update on the Area 47 project for the City of Brampton. I have also copied Megan and Mark as Megan emailed this morning to request an update.

As you may recall we met together in late April last year. The meeting notes from that meeting are attached.

Since that time the Study Team has been busy doing a number of related activities.

Technical Studies (Field work completed where permission to enter was available – this work was complete prior to our April meeting):

- Structural assessment of culverts and bridges
- Geomorphological assessment at existing and proposed crossing locations
- Cultural, heritage and Stage 1 Archaeological assessments
- Natural sciences studies (terrestrial, avian and aquatic studies)

Other Work:

- Started traffic modeling exercises
- Development of alternative corridor alignments within the special policy areas
- Meetings with stakeholders (such as agencies, businesses, landowners, residents)

In November, the first public meeting was held. The boards from that public meeting can be accessed here:

<http://www.brampton.ca/en/residents/Roads/Pages/road-works-details.aspx/2347/Arterial%20Roads%20EA%20within%20Highway%20427%20Industrial%20Secondary%20Plan%20Area>

Some of the upcoming work that is planned includes:

- Finalize traffic modelling
- Complete remaining field investigations
- Complete detailed evaluation of alternative alignments
- Prepare conceptual designs for five arterial roadways

As you can see from the list above there is outstanding field work to be conducted, which is pending permission to enter; once received, our team will be in contact with schedule and activity list.

During this Study, there is no planned Stage 2 archaeological work. The Stage 2 will be completed after the preferred alternatives (their general layout) has been determined but prior to any detailed design work.

If you have any comments or questions about the proposed alignments we would be happy to discuss. As well, the City would be open to meeting to discuss the preferred alternatives prior to finalizing them.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com



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Healy, Maria

From: Todd Williams <[REDACTED]>
Sent: Tuesday, May 09, 2017 2:38 PM
To: Kelly, Mary K
Subject: Re: City of Brampton - Area 47 Class EA

Hi Mary,

Please give me a call when you can, I was wondering where this project was at and if we missed the opportunity to participate in the spring surveys

Thanks Todd
519-761-1794

On Wed, Feb 8, 2017 at 12:10 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Hi Todd,

The City is fine with HDI's modifications to the agreement. Could you have the agreement signed and a hard copy sent to David Sinke (address within the agreement)?

We will then have David and the City sign and send a copy back to you for your records.

Cheers, Mary

From: Todd Williams <[REDACTED]>
Sent: Monday, January 09, 2017 3:08 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: Re: City of Brampton - Area 47 Class EA

Hi Mary

I've attached an updated version of the agreement, within condition 11 I added HDI's standard admin fee

Todd

On Mon, Jan 9, 2017 at 1:58 PM, Todd Williams [REDACTED] > wrote:

Happy New Year to you too, Mary

I will follow-up with the HDI team to see if they have any feedback or comments

Todd

On Thu, Jan 5, 2017 at 1:23 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Happy New Year Todd.

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Cheers, Mary

From: Kelly, Mary K
Sent: Tuesday, December 13, 2016 2:07 PM
To: 'Todd Williams' [REDACTED]
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: City of Brampton - Area 47 Class EA

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Cheers, Mary

Mary Kathryn Kelly B.Sc.

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Healy, Maria

From: Kelly, Mary K
Sent: Tuesday, May 09, 2017 4:01 PM
To: Todd Williams
Subject: RE: City of Brampton - Area 47 Class EA

Hi Todd,

Per our discussion, we are waiting on a signed version from HDI so that we can execute the agreement by the City and ourselves. A final signed copy will be shared with all.

Also, as discussed if there is an opportunity to sit down in-person and discuss how I can better facilitate this process between municipalities and HDI I would very much welcome the opportunity. I will be down the later part of the week of June 5 so if there is an opportunity to meet with yourselves and other HDI staff regarding this please let me know. Currently, Wednesday June 7 is wide open.

Cheers, Mary

From: Todd Williams [REDACTED]
Sent: Tuesday, May 09, 2017 2:38 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Subject: Re: City of Brampton - Area 47 Class EA

Hi Mary,

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Cheers, Mary

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To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Cc: Young, Rob <Rob.Young@amecfw.com>
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Cheers, Mary

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To: 'Todd Williams' [REDACTED]
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: City of Brampton - Area 47 Class EA

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Cheers, Mary

Mary Kathryn Kelly B.Sc.

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Healy, Maria

From: Todd Williams [REDACTED]
Sent: Friday, November 11, 2016 2:44 PM
To: Kelly, Mary K
Subject: Re: Monitor Agreements

Hi Mary, happy Friday to you too

I will discuss with the team and get back to you

Todd

On Nov 11, 2016 2:21 PM, "Kelly, Mary K" <Mary.k.Kelly@amecfw.com> wrote:

Happy Friday Todd,

I hope all is wonderful with you and that you have had a great fall so far.

I was wondering if we could chat sometime next week regarding the agreements for the Region of Peel's Mississauga Road project and City of Brampton's Area 47 project. If so, let me know some dates/times that work best for you and what number you would prefer I reach you at.

Look forward to catching up with you. Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

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mary.k.kelly@amecfw.com amecfw.com



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Healy, Maria

From: Kelly, Mary K
Sent: Thursday, March 09, 2017 11:20 AM
To: Todd Williams
Cc: Young, Rob
Subject: Brampton - Area 47 Class EAs

Hi Todd,

We wanted to follow-up with you regarding the last version of the agreement for participation of field monitors. Field season is fast approaching and we would like to finalize this agreement for planning purposes. Could you update us regarding the status of HDI's review of the agreement and if there are any comments or questions?

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com

Shams, Aniq

From: Kelly, Mary K
Sent: Tuesday, March 14, 2017 3:45 PM
To: Hazel Hill (hdi2@bellnet.ca)
Cc: Young, Rob
Subject: FW: City of Brampton - Area 47 Class EA
Attachments: HDI-Brampton-MonitorsAgreement_R1.docx

Good afternoon Ms. Hill,

Amec Foster Wheeler is planning the spring fieldwork season for the City of Brampton's Area 47 Class EA project. We would like to finalize the participation agreement so that HDI's participation can be included in this planning process. We have been corresponding with Todd Williams regarding this agreement. The most current version, which addresses the received comments provided by Mr. Williams is attached.

If there are not further comments, we request that a signed hardcopy version be sent to David Sinke (address within the attached). We will in turn execute the agreement and send final copies to you for your records.

If you have any questions or comments please let us know.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure
T/M +1 (705)-493-9393
mary.k.kelly@amecfw.com amecfw.com



From: Kelly, Mary K
Sent: Wednesday, February 08, 2017 12:10 PM
To: 'Todd Williams' [REDACTED]
Subject: RE: City of Brampton - Area 47 Class EA

Hi Todd,

The City is fine with HDI's modifications to the agreement. Could you have the agreement signed and a hard copy sent to David Sinke (address within the agreement)?

We will then have David and the City sign and send a copy back to you for your records.

Cheers, Mary

From: Todd Williams [REDACTED]
Sent: Monday, January 09, 2017 3:08 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>

Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: Re: City of Brampton - Area 47 Class EA

Hi Mary

I've attached an updated version of the agreement, within condition 11 I added HDI's standard admin fee

Todd

On Mon, Jan 9, 2017 at 1:58 PM, Todd Williams [REDACTED] > wrote:

Happy New Year to you too, Mary

I will follow-up with the HDI team to see if they have any feedback or comments

Todd

On Thu, Jan 5, 2017 at 1:23 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Happy New Year Todd.

I hope that you had a great holiday season. We wanted to follow-up with you on this email and see if you have had a chance to review the proposed agreement. If you have any questions or comments please let us know.

Cheers, Mary

From: Kelly, Mary K
Sent: Tuesday, December 13, 2016 2:07 PM
To: 'Todd Williams' [REDACTED]
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: City of Brampton - Area 47 Class EA

Good afternoon Todd,

We wanted to follow-up regarding the City of Brampton's Area 47 Class EA project. The City has completed the review of the agreement you provided and has proposed the attached agreement.

It would be wonderful if we could finalize this agreement before the end of the year so that we have it in place in advance of spring field work planning. Please let Rob Young and I know if you have any comments or questions.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com



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Shams, Aniq

From: Todd Williams [REDACTED]
Sent: Thursday, May 11, 2017 3:46 PM
To: Kelly, Mary K
Subject: Re: City of Brampton - Area 47 Class EA
Attachments: 030-200-Brampton Arch Agreement Area 47 Class EA Project .pdf

See attached

On Thu, May 11, 2017 at 3:44 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Hi Todd,

Sorry there was no attachment – can you resend?

Thanks so much for helping to step this forward!

Cheers, Mary

From: Todd Williams [REDACTED]
Sent: Thursday, May 11, 2017 3:44 PM

To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Subject: Re: City of Brampton - Area 47 Class EA

Hi Mary, the attached is signed by Hazel...I'll let the office know to send out the original to the address you provide

Thanks Todd

On Thu, May 11, 2017 at 2:00 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Hi Todd,

Thanks so much. Do we not need Hazel's signature. If not, could you have this noted on the original (the City needs an original) and mail the courier to David Sinke at the following address:

Amec Foster Wheeler Environment & Infrastructure

3450 Harvester Rd. Suite 100, Burlington ON L7N 3W5

I will then ensure it gets signed by David and then the City and then a fully executed copy gets back to you.

Let me know. Cheers, Mary

From: Todd Williams [REDACTED]
Sent: Thursday, May 11, 2017 1:57 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>

Subject: Re: City of Brampton - Area 47 Class EA

Mary, attached is a signed copy of the agreement

On Wed, Feb 8, 2017 at 12:10 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Hi Todd,

The City is fine with HDI's modifications to the agreement. Could you have the agreement signed and a hard copy sent to David Sinke (address within the agreement)?

We will then have David and the City sign and send a copy back to you for your records.

Cheers, Mary

From: Todd Williams [REDACTED]
Sent: Monday, January 09, 2017 3:08 PM
To: Kelly, Mary K <Mary.k.Kelly@amecfw.com>
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: Re: City of Brampton - Area 47 Class EA

Hi Mary

I've attached an updated version of the agreement, within condition 11 I added HDI's standard admin fee

Todd

On Mon, Jan 9, 2017 at 1:58 PM, Todd Williams [REDACTED] wrote:

Happy New Year to you too, Mary

I will follow-up with the HDI team to see if they have any feedback or comments

Todd

On Thu, Jan 5, 2017 at 1:23 PM, Kelly, Mary K <Mary.k.Kelly@amecfw.com> wrote:

Happy New Year Todd.

I hope that you had a great holiday season. We wanted to follow-up with you on this email and see if you have had a chance to review the proposed agreement. If you have any questions or comments please let us know.

Cheers, Mary

From: Kelly, Mary K
Sent: Tuesday, December 13, 2016 2:07 PM
To: 'Todd Williams' [REDACTED]
Cc: Young, Rob <Rob.Young@amecfw.com>
Subject: City of Brampton - Area 47 Class EA

Good afternoon Todd,

We wanted to follow-up regarding the City of Brampton's Area 47 Class EA project. The City has completed the review of the agreement you provided and has proposed the attached agreement.

It would be wonderful if we could finalize this agreement before the end of the year so that we have it in place in advance of spring field work planning. Please let Rob Young and I know if you have any comments or questions.

Cheers, Mary

Mary Kathryn Kelly B.Sc.

Senior Consultant - Human Environment, Amec Foster Wheeler Environment & Infrastructure

T/M +1 (705)-493-9393

mary.k.kelly@amecfw.com amecfw.com



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Shams, Aniq

From: Shams, Aniq
Sent: Thursday, December 16, 2021 6:32 PM
To: 'Raechelle Williams'
Cc: Tracey General; 'Janice Bomberry'; Todd Williams; Kelly, Mary K; Maher, Trina; Khan, Muhammad; 'Nejatian, Soheil'; Bubas, Sonya; Mohammad, Ghazanfar
Subject: City of Brampton and Region of Peel - SP47 Class EAs: Project Update
Attachments: HDI Agreement.pdf; TP115086_Area47_HDI_Dec 16 2021.pdf

Hi Raechelle,

Hope all is well with you. I'm contacting you regarding the a City of Brampton and Region of Peel Schedule 'C' Municipal Class Environmental Assessment Project for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (SP47). I've attached a letter to this email outlining the Projects and a summary of the engagement completed to date. I've also attached the final agreement with HDI for environmental and archaeological monitors. I'll follow-up with you in January to check in and see if you have any comments or questions at all, however feel free to email or call me before that too.

This link includes two archaeology reports completed for this project - [SP47 Archeology](#)

In case I don't email or speak to you before, I hope you a have a wonderful break and a happy new year!

Best regards,
Aniq

Aniq Shams, RPP, MCIP
Human Environment Consultant
Pronouns – She/Her/Hers
Mobile: + (416) 357-2093
www.woodplc.com

wood.

Memo

To: Raechelle Williams, Environmental Supervisor
Haudenosaunee Confederacy Chiefs Council (as represented by the
Haudenosaunee Development Institute) **Date: 16 December
2021**

From: Mary Kelly, Wood

CC: Sonya Bubas, Region of Peel
Soheil Nejatian, City of Brampton
Muhammad Khan, Wood
Trina Maher, Wood
Aniqa Shams, Wood

Ref: TP115086 – Arterial Roads Within Area 47 – Part A & Part B

Re: Indigenous Consultation Follow-up and Summary

Dear Ms. Williams,

Wood, on behalf of the Region of Peel and City of Brampton would like to provide the Haudenosaunee Confederacy Chiefs Council (as represented by the Haudenosaunee Development Institute; HDI) an update on the Arterial Roads within Area 47 (Part A and Part B) Schedule 'C' Municipal Class Environmental Assessment (Class EA) Studies. The City of Brampton, in partnership with the Region of Peel, has been working on two Schedule 'C' Municipal Class EAs for the following roads:

- **Part A:**
 - North-South Arterial (Arterial A2): a new arterial roadway from Mayfield Road to Major Mackenzie Drive/Highway 50
 - Coleraine Drive: from Arterial A2 to Mayfield Road (including a possible realignment at Arterial A2, west of Highway 50)
- **Part B:**
 - East-West Arterial: a new arterial roadway from The Gore Road to Arterial A2
 - Clarkway Drive: from Castlemore Road to Mayfield Road

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- o Countryside Drive: from west of Clarkway Drive to Highway 50 (including a possible realignment at Highway 50)



To address transportation capacity needs in the area, a number of alternatives are being examined as part of the Study to consider the overall impacts of alternatives on the social, cultural and natural environment. Through this memo, the Project Team (Wood, Region of Peel and City of Brampton) would like to provide an update to HDI and check in on whether there were any other concerns or comments on this phase of the Study.

Engagement Efforts with HDI for Area 47 Class EA:

Throughout the Class EA Study, the Project Team shared Project information and opportunities for engagement with HDI. However, we would like to acknowledge that some field work completed in 2016 and 2017 that HDI was not invited too. This was not intentional and likely due to staffing changes that occurred in 2016. Acknowledging this, the Project Team would like to offer HDI the opportunity to review all technical reports. The Project Team would also like to invite HDI to tour the Study Area with the Project Team. As per the agreement, they City will cover the cost of site inspections. If HDI is interested in reviewing the technical report or participating in a site tour, please let us know.

The engagement efforts to date are summarized in the table below.

Date	Communication Method	Information Shared
March 23, 2016	Wood email to HDI	Email and letter addressed to Hazel Hill that included an Introductory letter, Project Summary, and Notice of Study Commencement.
March 29, 2016 and March 30, 2016	Wood phone call to HDI	Wood called and left a message to follow-up on the March 23, 2016 email. Then followed-up later that day with another phone call, resulting in the arrangement for a meeting on April 18, 2016.
April 18, 2016	Meeting	Meetings with HDI were held on April 18, 2016 with the City of Brampton.
April 19, 2016	HDI email to Wood	HDI sent Wood an application for Consideration and Engagement for Development.
April 26, 2016	Meeting	Meetings with HDI were held on April 26, 2016 with Peel Region.
September 12, 2016	Wood email to HDI	Wood signed the application for Consideration and Engagement for Development and sent it back to HDI and also sent the Environmental and Archaeological Monitors Agreement.
February 8, 2017	Wood email to HDI	In January, HDI proposed an edit to the agreement – Edit Condition 11 to include HDI's standard admin fee. The City of Brampton agreed to this change and Wood confirmed City of Brampton's acceptance on February 8, 2021.
May 11, 2017	HDI email to Wood	A new agreement was drafted and signed by HDI on May 11, 2017. The purpose of the agreement was to provide capacity assistance to fund Environmental and Archaeological Monitors in connection to this Class EA and Stage 2 Archaeological Assessment.

Next Steps:

The Study is now heading towards the end of the Class EA process. An Online Public Information Centre is planned for Winter of 2022 for Part B Roadways. After which, both Part A and Part B Environmental Study Reports will be filed by Spring of 2022. These reports will be provided to HDI for review prior to



finalization. The Project Team would welcome the opportunity to provide details about the Study and answer any questions HDI may have about the Project. The City of Brampton and Region of Peel will continue to consult with HDI during detailed design phase to provide opportunity to participate. We have thus far completed a Stage 1 Archaeological Assessment, which we have provided along with this memorandum for HDI's review.

We would appreciate if you can please advise by January 14, 2021, if HDI is interested in reviewing the background studies, participating in a site tour, reviewing the Environmental Study Reports and meeting to discuss the Study. We will follow-up via phone in early January to confirm receipt of this memorandum and to discuss any concerns you may have. The City of Brampton and Region of Peel appreciate HDI's continued support and look forward to continuing our collaboration on this Study.

Thank you,

Wood Environment & Infrastructure Solutions
a Division of Wood Canada Limited

A handwritten signature in cursive script that reads "Mary Kathryn Kelly".

Mary Kathryn Kelly, MES

Discipline Lead, Human Environment / Program Lead, Indigenous Relations & Partnerships

Direct/Mobile: 705-493-9393

mary.k.kelly@woodplc.com

Shams, Aniq

From: Shams, Aniq
Sent: Thursday, December 16, 2021 6:32 PM
To: Fawn Sault
Cc: Kelly, Mary K; Maher, Trina; Khan, Muhammad; Nejatian, Soheil; Bubas, Sonya; Mohammad, Ghazanfar
Subject: City of Brampton and Region of Peel - SP47 Class EAs: Project Update
Attachments: MNCFN Agreement.pdf; TP115086_Area47_MCFN_Dec 16 2021.pdf

Hi Fawn,

Firstly, congratulations on your success in the election! Happy to hear that and wishing you luck in your new position!

I'm contacting you regarding the a City of Brampton and Region of Peel Schedule 'C' Municipal Class Environmental Assessment Project for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (SP47). I've attached a letter to this email outlining the Projects and a summary of the engagement completed to date. I'll follow-up with you in January to check in and see if you have any comments or questions at all, however feel free to email or call me before that too. Please also let me know if there is someone else I should be contacting instead in DOCA.

This link includes two archaeology reports completed for this project - [SP47 Archeaology](#)

In case I don't email or speak to you before, I hope you a have a wonderful break and a happy new year!

Best regards,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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wood.



Wood Environment & Infrastructure Solutions
a Division of Wood Canada Limited
3450 Harvester Road, Suite 100
Burlington, ON L7N 3W5
T: 905-335-2353
www.woodplc.com

Memo

To: Fawn Sault, Consultation Coordinator
Mississaugas of the Credit First Nation

Date: 16 December
2021

From: Mary Kelly, Wood

CC: Sonya Bubas, Region of Peel
Soheil Nejatian, City of Brampton
Muhammad Khan, Wood
Trina Maher, Wood
Aniqa Shams, Wood

Ref: TP115086 – Arterial Roads Within Area 47 – Part A & Part B

Re: Indigenous Consultation Follow-up and Summary

Dear Ms. Sault,

Wood, on behalf of the Region of Peel and City of Brampton would like to provide the Mississaugas of the Credit First Nation (MCFN) an update on the Arterial Roads within Area 47 (Part A and Part B) Schedule 'C' Municipal Class Environmental Assessment (Class EA) Studies. The City of Brampton, in partnership with the Region of Peel, has been working on two Schedule 'C' Municipal Class EAs for the following roads:

- **Part A:**
 - North-South Arterial (Arterial A2): a new arterial roadway from Mayfield Road to Major Mackenzie Drive/Highway 50
 - Coleraine Drive: from Arterial A2 to Mayfield Road (including a possible realignment at Arterial A2, west of Highway 50)
- **Part B:**
 - East-West Arterial: a new arterial roadway from The Gore Road to Arterial A2
 - Clarkway Drive: from Castlemore Road to Mayfield Road

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- o Countryside Drive: from west of Clarkway Drive to Highway 50 (including a possible realignment at Highway 50)



To address transportation capacity needs in the area, a number of alternatives are being examined as part of the Study to consider the overall impacts of alternatives on the social, cultural and natural environment. Through this memorandum, the Project Team (Wood, Region of Peel and City of Brampton) would like to provide an update to MCFN and check in on whether there were any other concerns or comments on this phase of the Study.

Engagement Efforts with MCFN for Area 47 Class EA:

Throughout the Class EA Study, the Project Team shared Project information and opportunities for engagement with MCFN. However, we would like to acknowledge that some field work completed in 2016, 2017 and 2019 that MCFN was not invited too. This was not intentional and likely due to staffing changes that occurred in 2016. Acknowledging this, the Project Team would like to offer MCFN the opportunity to review all technical reports. The Project Team would also like to invite MCFN to tour the Study Area with the Project Team. As per the previous agreement, they City will cover the cost of site inspections. If MCFN is interested in reviewing the technical reports or participating in a site tour, please let us know.

The engagement efforts to date are summarized in the table below.

Date	Communication Method	Information Shared
March 23, 2016	Wood email to MCFN	Email and letter addressed to Fawn Sault that included an Introductory letter, Project Summary, and Notice of Study Commencement.
March 29, 2016	Wood phone call to MCFN	Wood followed up with MCFN by phone during which a meeting date of April 20, 2016 was proposed to further discuss the potential implications of the Project. This meeting was later postponed until April 28, 2016.
April 28, 2016	Meeting	Meetings with MCFN were held on April 28, 2016 with the City of Brampton. MCFN requested that two of their Field Liaison Representatives (FLR) to be on location whenever fieldwork is taking place within its traditional territory.
April 29, 2016	MCFN email to Wood	MCFN sent Wood a draft participation agreement.
September 12, 2016	Wood email to MCFN	The City reviewed the agreement and an agreement for inclusion of FLRs was reached on September 12, 2016. The purpose of the agreement was to provide capacity assistance to fund Environmental and Archaeological Monitors in connection to this Class EA and Stage 2 Archaeological Assessment.
January 24, 2017 and January 26, 2017	MCFN phone call to City and Wood phone call to MCFN	MCFN contacted the City and requested a meeting. Wood followed up with MCFN by phone on January 26, 2017.
January 30, 2017	Wood email to MCFN	Wood shared information about the current status of the Project, including a link to the PIC #1 boards as well as the meeting notes from April 2016 meeting.
August 25, 2017	Participation in field work	MCFN participated in field activities (Fish Habitat Assessment) on August 25, 2017.

Next Steps:

The Study is now heading towards the end of the Class EA. An Online Public Information Centre is planned for Winter of 2022 for Part B Roadways. After which, both Part A and Part B Environmental Study Reports will be filed by Spring of 2022. These reports will be provided to MCFN for review prior to finalization. The Project Team would welcome the opportunity to provide details about the Study and answer any questions MCFN may have about the Project. The City of Brampton and Region of Peel will continue to consult with MCFN during detailed design phase to provide opportunity to participate. We have thus far completed a Stage 1 Archaeological Assessment, which we have provided along with this memorandum for MCFN's review.

We would appreciate if you can please advise by January 14, 2021, if MCFN is interested in reviewing the background studies, participating in site tour, reviewing the Environmental Study Reports and meeting to discuss the Study. We will follow-up via phone in early January to confirm receipt of this memorandum and to discuss any concerns you may have. The City of Brampton and Region of Peel appreciate MCFN's continued support and look forward to continuing our collaboration on this Study.

Thank you,

**Wood Environment & Infrastructure Solutions
a Division of Wood Canada Limited**



Mary Kathryn Kelly, MES

Discipline Lead, Human Environment / Program Lead, Indigenous Relations & Partnerships

Direct/Mobile: 705-493-9393

mary.k.kelly@woodplc.com

Shams, Aniq

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: Thursday, December 16, 2021 8:17 PM
To: Shams, Aniq
Cc: Robin Vanstone; Lonny Bomberry; Dawn LaForme; Kelly, Mary K; Maher, Trina; Khan, Muhammad; Nejatian, Soheil; Bubas, Sonya
Subject: Re: City of Brampton and Region of Peel - SP47 Class EAs: Project Update
Attachments: image001.png; image002.png; TP115086_Area47 _SNGR_Dec 16 2021.pdf

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

Much appreciated, looking forward to the review of this assessment.

I was able to download and yes talk soon!

Kind Regards,

Tanya j. Hill-Montour Hons. BA
SNGREC Archaeology Supervisor
c.226.388.0665
e. tanyahill-montour@sixnations.ca

On Dec 16, 2021, at 8:06 PM, Shams, Aniq <aniqa.shams@woodplc.com> wrote:

Hi Tanya,

I'm doing well, thanks for asking! I believe we've met previously on a different project. Let me know if you can access this link instead -

[SP47 Archeaology](#)

We've outlined the project in the attached letter but there's a bit of a history with this project. It might be easier to explain over the phone. If you're available tomorrow, I can give you a call.

Thanks,
Aniq

Aniq Shams, RPP, MCIP
Human Environment Consultant
Pronouns – She/Her/Hers
Mobile: + (416) 357-2093
www.woodplc.com

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>

Sent: Thursday, December 16, 2021 6:52 PM

To: Shams, Aniq <aniqa.shams@woodplc.com>

Cc: Robin Vanstone <rvanstone@sixnations.ca>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>

Subject: Re: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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

Aniq

How are you ? Not sure if we have met. I cannot seem to download your link. Did we have participants on this site.

Kind Regards,

Tanya j. Hill-Montour Hons. BA
SNGREC Archaeology Supervisor
c.226.388.0665
e. tanyahill-montour@sixnations.ca

On Dec 16, 2021, at 6:32 PM, Shams, Aniq <aniqa.shams@woodplc.com> wrote:

Hi Robbin,

Hope all is well with you. I'm contacting you regarding the a City of Brampton and Region of Peel Schedule 'C' Municipal Class Environmental Assessment Project for the Arterial Roads within Highway 427 Industrial Secondary Plan Area (SP47). I've attached a letter to this email outlining the Projects and a summary of the engagement completed to date. I'll follow-up with you in January to check in and see if you have any comments or questions at all, however feel free to email or call me before that too.

This link includes two archaeology reports completed for this project -
[SP47 Archeaology](#)

In case I don't email or speak to you before, I hope you have a wonderful break and a happy new year!

Best regards,
Aniqa

Aniqa Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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T: 905-335-2353
www.woodplc.com

Memo

To: Robbin Vanstone, Consultation Supervisor
Six Nations of the Grand River

Date: 16 December
2021

From: Mary Kelly, Wood

CC: Sonya Bubas, Region of Peel
Soheil Nejatian, City of Brampton
Muhammad Khan, Wood
Trina Maher, Wood
Aniqa Shams, Wood

Ref: TP115086 – Arterial Roads Within Area 47 – Part A & Part B

Re: Indigenous Consultation Follow-up and Summary

Dear Ms. Vanstone,

Wood, on behalf of the Region of Peel and City of Brampton would like to provide the Six Nations of the Grand River (SNGR) an update on the Arterial Roads within Area 47 (Part A and Part B) Schedule 'C' Municipal Class Environmental Assessment (Class EA) Studies. The City of Brampton, in partnership with the Region of Peel, has been working on two Schedule 'C' Municipal Class EAs for the following roads:

- **Part A:**
 - North-South Arterial (Arterial A2): a new arterial roadway from Mayfield Road to Major Mackenzie Drive/Highway 50
 - Coleraine Drive: from Arterial A2 to Mayfield Road (including a possible realignment at Arterial A2, west of Highway 50)
- **Part B:**
 - East-West Arterial: a new arterial roadway from The Gore Road to Arterial A2
 - Clarkway Drive: from Castlemore Road to Mayfield Road

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CA-ADM-TEM-04-00-EN

- o Countryside Drive: from west of Clarkway Drive to Highway 50 (including a possible realignment at Highway 50)



To address transportation capacity needs in the area, a number of alternatives are being examined as part of the Study to consider the overall impacts of alternatives on the social, cultural and natural environment. Through this memorandum, the Project Team (Wood, Region of Peel and City of Brampton) would like to provide an update to SNGR and check in on whether there were any other concerns or comments on this phase of the Study.

Engagement Efforts with SNGR for Area 47 Class EA:

Throughout the Class EA Study, the Project Team shared Project information and opportunities for engagement with SNGR. The engagement efforts to date are summarized in the table below.

Date	Communication Method	Information Shared
March 23, 2016	Wood email to SNGR	Email and letter addressed to Chief Ava Hill that included an Introductory letter, Project Summary, and Notice of Study Commencement.
March 29, 2016 and April 1, 2016	Wood phone call to SNGR	Wood called and left a message to follow-up on the March 23, 2016 email. Then followed-up again on April 1, 2016 with another phone call and email.
May 26, 2021	Wood phone call and email to SNGR	Wood reached out again on May 26, 2016 to discuss the Project via phone call. Wood sent a follow-up email to confirm the discussion that SNGR wish to be kept informed, requested copies of Stage 1 Archaeological Assessment and asked for advanced notice of any further archaeological work (Stage 2 and higher).

Next Steps:

The Study is now heading towards the end of the Class EA. An Online Public Information Centre is planned for Winter of 2022 for Part B Roadways. After which, both Part A and Part B Environmental Study Reports will be filed by Spring of 2022. These reports will be provided to SNGR for review prior to finalization. The Project Team would welcome the opportunity to provide details about the Study and answer any questions SNGR may have about the Project. The City of Brampton and Region of Peel will continue to consult with SNGR during detailed design phase to provide the opportunity to participate. We have thus far completed a Stage 1 Archaeological Assessment, which we have provided along with this memorandum for SNGR's review.

We will follow-up via phone in early January to confirm receipt of this memorandum and to discuss any concerns you may have. The City of Brampton and Region of Peel appreciate SNGR's continued support and look forward to continuing our collaboration on this Study.

Thank you,

**Wood Environment & Infrastructure Solutions
 a Division of Wood Canada Limited**

Region of Peel & City of Brampton
Arterial Roads Within Area 47 – Part A & Part B
December 16, 2021



A handwritten signature in cursive script that reads 'Mary Kathryn Kelly'.

Mary Kathryn Kelly, MES

Discipline Lead, Human Environment / Program Lead, Indigenous Relations & Partnerships

Direct/Mobile: 705-493-9393

mary.k.kelly@woodplc.com

Shams, Aniq

From: Shams, Aniq
Sent: Thursday, January 27, 2022 9:56 AM
To: Janice Williams
Cc: Tracey General; Janice Bomberry; Todd Williams; Kelly, Mary K; Maher, Trina; Khan, Muhammad; Nejatian, Soheil; Bubas, Sonya; Mohammad, Ghazanfar
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Hi Raechelle,

It was nice speaking to you today! As per our discussion, I would be happy to set up a meeting with you to go over the project and receive your feedback. Can you let me know if there's dates and times over the next two weeks that work best for you?

Thanks,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

www.woodplc.com



From: Janice Williams <janicewilliams@hdi.land>
Sent: Friday, January 7, 2022 7:14 PM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Cc: Tracey General [REDACTED]; Janice Bomberry [REDACTED]; Todd Williams [REDACTED]; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Subject: Re: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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

Sge:no/Hello Aniq,

Hope you and your family had a wonderful holiday!

I've reviewed your attached documents for the SP47 Project.

HDI accepts your invitation to tour the Study Area and review project documents.

I've attached an updated monitoring agreement for the next phases of the project which includes the reviewing of project documents.

We can discuss more when we attend the tour but basically a minimal weekly inspection visit to observe erosion and sediment control measures, vegetation removal, work near watercourses, and any wildlife sweeps that may occur.

Nya:weh/Thank-you,

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600 Ohsweken, ON
P.O. Box 714
Ph: 519-445-4222
(Direct): 519-802-9402



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Shams, Aniq

From: Shams, Aniq
Sent: Thursday, January 27, 2022 9:57 AM
To: communications
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Thank you! Much appreciated!

From: communications <communications@mncfn.ca>
Sent: Thursday, January 27, 2022 9:31 AM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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

Good morning,

I have forwarded your email to Adam LaForme. His email is Adam.LaForme@mncfn.ca

From: Shams, Aniq <aniqa.shams@woodplc.com>
Sent: Thursday, January 27, 2022 9:28 AM
To: Fawn Sault <Fawn.Sault@mncfn.ca>; communications <communications@mncfn.ca>
Cc: Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Hi Fawn,

Following the voicemail I just left, we wanted to follow-up on the email below and ask if you had any comments or questions at this time on the studies itself, or the archaeology reports provided.

 [SP47 Archaeology](#)

Looking forward to hearing back from you.

Best regards,
Aniq

Aniq Shams, RPP, MCIP
Human Environment Consultant
Pronouns – She/Her/Hers
Mobile: + (416) 357-2093
www.woodplc.com

Shams, Aniq

From: Shams, Aniq
Sent: Thursday, January 27, 2022 9:50 AM
To: Tanya Hill-Montour
Cc: Robin Vanstone; Lonny Bomberry; Dawn LaForme; Kelly, Mary K; Maher, Trina; Khan, Muhammad; Nejatian, Soheil; Bupas, Sonya
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update
Attachments: TP115086_Area47_SNGR_Dec 16 2021.pdf

Hi Tanya,

It was nice speaking to you today. As discussed, the project summary is attached to this email and links to the reports are provided here - [SP47 Archeology](#)

I know there's been some problems in other projects with accessing documents through our OneDrive account, so please let me know if the link doesn't work for you.

Thanks and looking forward to hearing from you!
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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wood.

From: Shams, Aniq
Sent: Thursday, December 16, 2021 8:06 PM
To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Robin Vanstone <rvanstone@sixnations.ca>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bupas, Sonya <sonya.bupas@peelregion.ca>
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Hi Tanya,

I'm doing well, thanks for asking! I believe we've met previously on a different project. Let me know if you can access this link instead - [SP47 Archeology](#)

Shams, Aniq

From: Shams, Aniq
Sent: Tuesday, February 1, 2022 12:23 PM
To: Janice Williams
Cc: Tracey General; Janice Bomberry; Todd Williams; Kelly, Mary K; Maher, Trina; Khan, Muhammad; Nejatian, Soheil; Bubas, Sonya; Mohammad, Ghazanfar
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Hi Raechelle,

Thanks for getting back to me with availability. We are available on Feb 7 at 10am. I can send you an invite – please feel free to forward to your team.

Thanks!
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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From: Janice Williams <janiewilliams@hdi.land>
Sent: Thursday, January 27, 2022 9:59 PM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Cc: Tracey General [REDACTED]; Janice Bomberry [REDACTED]; Todd Williams [REDACTED]; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <mohammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Subject: Re: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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Sge:no/Hello Aniq,

Thanks for contacting me earlier today. As I said over the phone I am pleased to meet with the project team and discuss having HDI Environmental Monitoring involved with the project. I am free the following days:

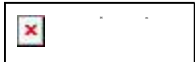
Thursday February 3rd 2022 after 1pm

Friday February 4th after 10am

Monday February 7th 2022 at 10am or 11am.

Nya:weh/Thank-you,

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600 Ohsweken, ON
P.O. Box 714
Ph: 519-445-4222
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On Thu, Jan 27, 2022 at 6:56 AM Shams, Aniq <aniqa.shams@woodplc.com> wrote:

Hi Raechelle,

It was nice speaking to you today! As per our discussion, I would be happy to set up a meeting with you to go over the project and receive your feedback. Can you let me know if there's dates and times over the next two weeks that work best for you?

Thanks,

Aniqa

Aniqa Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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wood.

From: Janice Williams <janicewilliams@hdi.land>
Sent: Friday, January 7, 2022 7:14 PM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Cc: Tracey General [REDACTED]; Janice Bomberry [REDACTED]; Todd Williams <[REDACTED]>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Subject: Re: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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HDI accepts your invitation to tour the Study Area and review project documents.

I've attached an updated monitoring agreement for the next phases of the project which includes the reviewing of project documents.

We can discuss more when we attend the tour but basically a minimal weekly inspection visit to observe erosion and sediment control measures, vegetation removal, work near watercourses, and any wildlife sweeps that may occur.

Nya:weh/Thank-you,

Shams, Aniq

From: Shams, Aniq
Sent: Tuesday, February 1, 2022 5:12 PM
To: 'Tanya Hill-Montour'
Cc: Robin Vanstone; Lonny Bomberry; Dawn LaForme; Kelly, Mary K; Maher, Trina; Khan, Muhammad; Nejatian, Soheil; Bubas, Sonya
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Hi Tanya,

Thanks for your response. We can note in the Environmental Study Report (which we will provide for review when ready) of SNGR's interest in participating in future stages of the Study. Please let me know if you would still like to have a meeting with the Project Team during the environmental assessment phase?

Best regards,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: Friday, January 28, 2022 8:29 AM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Cc: Robin Vanstone <rvanstone@sixnations.ca>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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

Aniq,

I have conducted the Archaeological review of the correspondences in the drive.

I do not have any additional recommendations pertaining to the assessment but I would like to acknowledge that we do have interest in participation on the project.

Kind Regards,

Tanya j. Hill-Montour B.A Hons.

Six Nations of the Grand River - Archaeology Supervisor.

c.226.388.0665

e. tanyahill-montour@sixnations.ca

From: Shams, Aniq [mailto:aniqa.shams@woodplc.com]

Sent: January 27, 2022 9:50 AM

To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>

Cc: Robin Vanstone <rvanstone@sixnations.ca>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>

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Shams, Aniq

From: Shams, Aniq
Sent: Monday, February 7, 2022 9:10 AM
To: 'Janice Williams'
Cc: Tracey General; Todd Williams; Kelly, Mary K; Maher, Trina; Khan, Muhammad; Nejatian, Soheil; Bubas, Sonya; Mohammad, Ghazanfar
Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update
Attachments: TP115086_SP47_HDI Meeting.pdf

Hi Raechelle,

We look forward to speaking to you today. I've attached the presentation we will be going over today – apologies for not sending it earlier. Please note that the slides after slide 21 are additional materials. We won't be going over those today, unless there's a specific comment or concern and we can refer to those later slides. If you do have any questions later on (after our meeting) on those later slides, please don't hesitate to reach out.

Best regards,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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From: Janice Williams <janicewilliams@hdi.land>
Sent: Thursday, January 27, 2022 9:59 PM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Cc: Tracey General; [REDACTED]; Janice Bomberry <[REDACTED]>; Todd Williams
[REDACTED]; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>;
Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya
<sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Subject: Re: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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Friday February 4th after 10am
Monday February 7th 2022 at 10am or 11am.

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Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600 Ohsweken, ON
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Ph: 519-445-4222
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Aniqa

Aniqa Shams, RPP, MCIP

Human Environment Consultant

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Sent: Friday, January 7, 2022 7:14 PM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Cc: Tracey General <[REDACTED]>; Janice Bomberry <[REDACTED]>; Todd Williams <[REDACTED]>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Maher, Trina <trina.maher@woodplc.com>; Khan, Muhammad <muhammad.khan@woodplc.com>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
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Nya:weh/Thank-you,

Meeting with Haudenosaunee Development Institute

**Arterial Roads Within Highway 427 Industrial
Secondary Plan (Area 47)**
Municipal Class Environmental Assessment Schedule 'C

Date: February 7, 2022

Haudenosaunee Development Institute

- Raechelle Williams
- Todd Williams

Region of Peel

- Sonya Bubas

City of Brampton

- Soheil Nejatian
- Ghazanfar Mohammad

Wood

- Muhammad Khan
- Trina Maher
- Aniqah Shams

Agenda

1. Study Background
2. Completed Technical Studies
3. Ongoing Technical Studies
4. Part A Design
5. Part B Design
6. Next Steps
7. Meeting Wrap-Up

Study Area and Structure

Study Area

- Located in the northeast area of the City of Brampton
- Strategically located at the York/Peel Boundary and close to Highway 427, the CP Railway Terminal and the potential GTA West Corridor

Study Structure

This Schedule 'C' Class Environmental Assessment is being carried out in two parts, as illustrated in the figure to the right and further explained below. Technical studies were completed for both Part A and B at the same time.

PUBLIC INFORMATION CENTRE #2 FOR THESE ROADS HELD NOV 2019

PART 'A' ROADWAYS

Part 'A' roadways will be owned and operated by the Region of Peel.

They include:

- Arterial A2 – a new six lane north-south roadway that connects Major Mackenzie Drive to Mayfield Road
- Coleraine Drive – an existing roadway which will be widened to four lanes and be upgraded to include curb and gutter and multi-use pathways

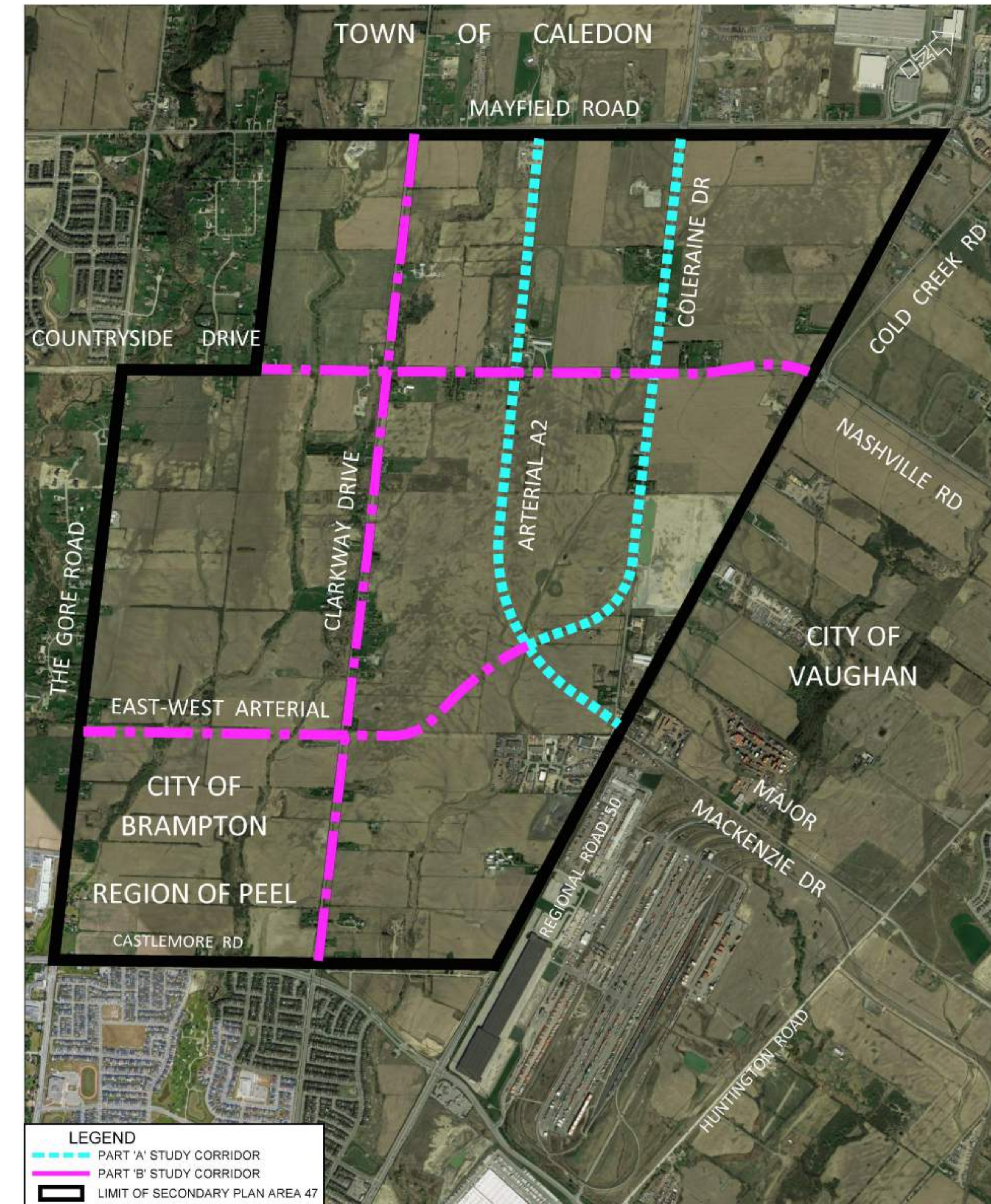
UPCOMING PUBLIC INFORMATION CENTRE #2

PART 'B' ROADWAYS

Part 'B' roadways will be owned and operated by the City of Brampton.

They include:

- Countryside Drive - an existing roadway which will be widened to four lanes and be upgraded to include curb and gutter and multi-use pathways
- Clarkway Drive – an existing roadway which will have portions widened to four lanes and upgraded to include storm sewers, sidewalks and cycle lanes
- East-West Arterial – a new four lane roadway connecting The Gore Road to Arterial A2



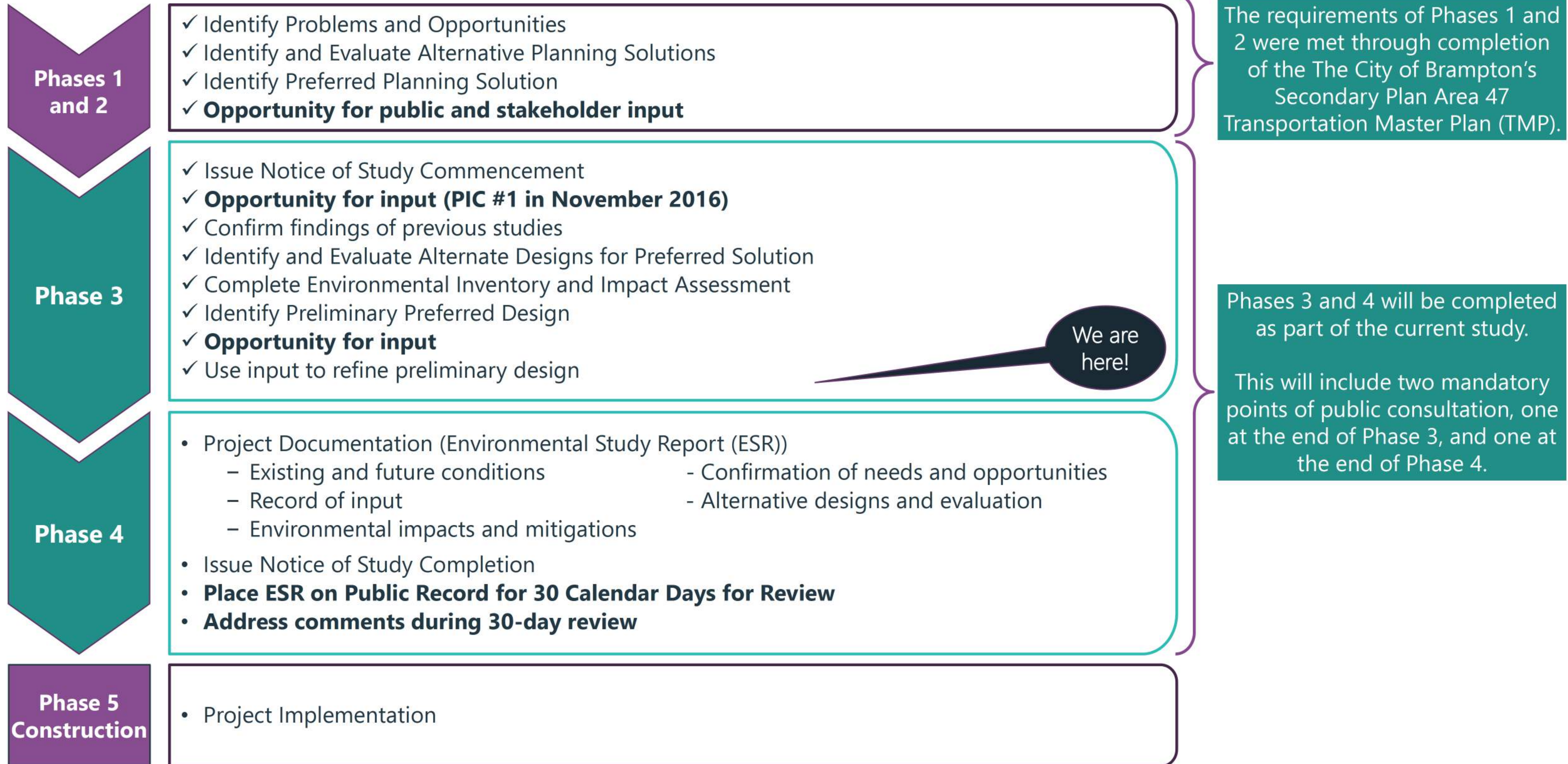
EA Problem and Opportunity Statement

The following problems and opportunities will be addressed through the current Municipal Class Environmental Assessment Study:

- Provide enhanced inter-regional connectivity
- Provide access to proposed development
- Address anticipated traffic capacity issues resulting from extension of Highway 427 to Major Mackenzie Drive, as well as development of the study area
- Improve roadway geometrics to meet or exceed City and Regional standards
- Provide transit, pedestrian and cycling facilities
- Improve traffic, pedestrian and cyclist safety
- Improve intersection safety and operations
- Design watercourse crossings to enhance hydraulics, stream function and fisheries and wildlife passage
- Address structural deficiencies
- Improve pavement conditions
- Provide a mosaic of safe, integrated transportation choices and new modes
- Support civic sustainability, emphasizing walking, cycling, and transit

Environmental Assessment Process

The current study is being completed as two coordinated Schedule 'C' Municipal Class Environmental Assessments (one for regional roads and one for city roads). The Class EA process is regulated by the Ministry of the Environment, Conservation and Parks and is followed to make sure environmental impacts are identified and mitigated, and that the public is informed of major works being completed in their community.



Project Timelines

PART A ROADWAYS (Arterial A2 & Coleraine Drive) Q4 2019-2022



PIC #2



PART B ROADWAYS (Countryside Drive, Clarkway Drive, East-West Arterial) 2020-2022



Project delays have resulted from:

- Extensive study required to confirm need and preferred design for interchange at Arterial A2 / Regional Road 50
- Coordination with TransCanada Pipeline before designing East-West Arterial
- Additional consultation with Agencies to design the crossings of Rainbow Creek
- Timelines to receive creek models from external sources
- Timelines to receive permissions to enter
- Consideration of additional design alternatives brought forward by stakeholders
- Coordination with proposed GTA West Transportation Corridor

Completed Technical Studies

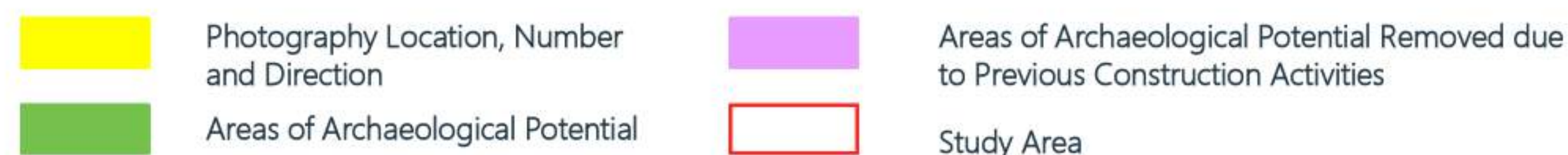
Archaeology

Findings

- 84% of land adjacent to the study corridors exhibit archaeological potential as identified in the report and seen in the maps below

Recommendations

- Stage 2 Archaeological Assessment recommended in areas of archaeological potential. This will be deferred to detailed design



Built & Cultural Heritage

Findings

- 12 built heritage resources and cultural heritage landscapes
- Indirect impacts are anticipated to 2 properties
- Direct impacts are anticipated to four properties

Preliminary Recommendations for Potentially Impacted Properties

- Heritage documentation prior to road improvements
- Construction fencing and tree hoarding adjacent to heritage resource
- Standard road construction techniques, excluding all avoidable construction techniques that could cause structural damage to heritage resources
- Replacement trees should replicate current trees
- The Heritage impact mitigation will be considered during the detail design process



Completed Technical Studies

Transportation Safety

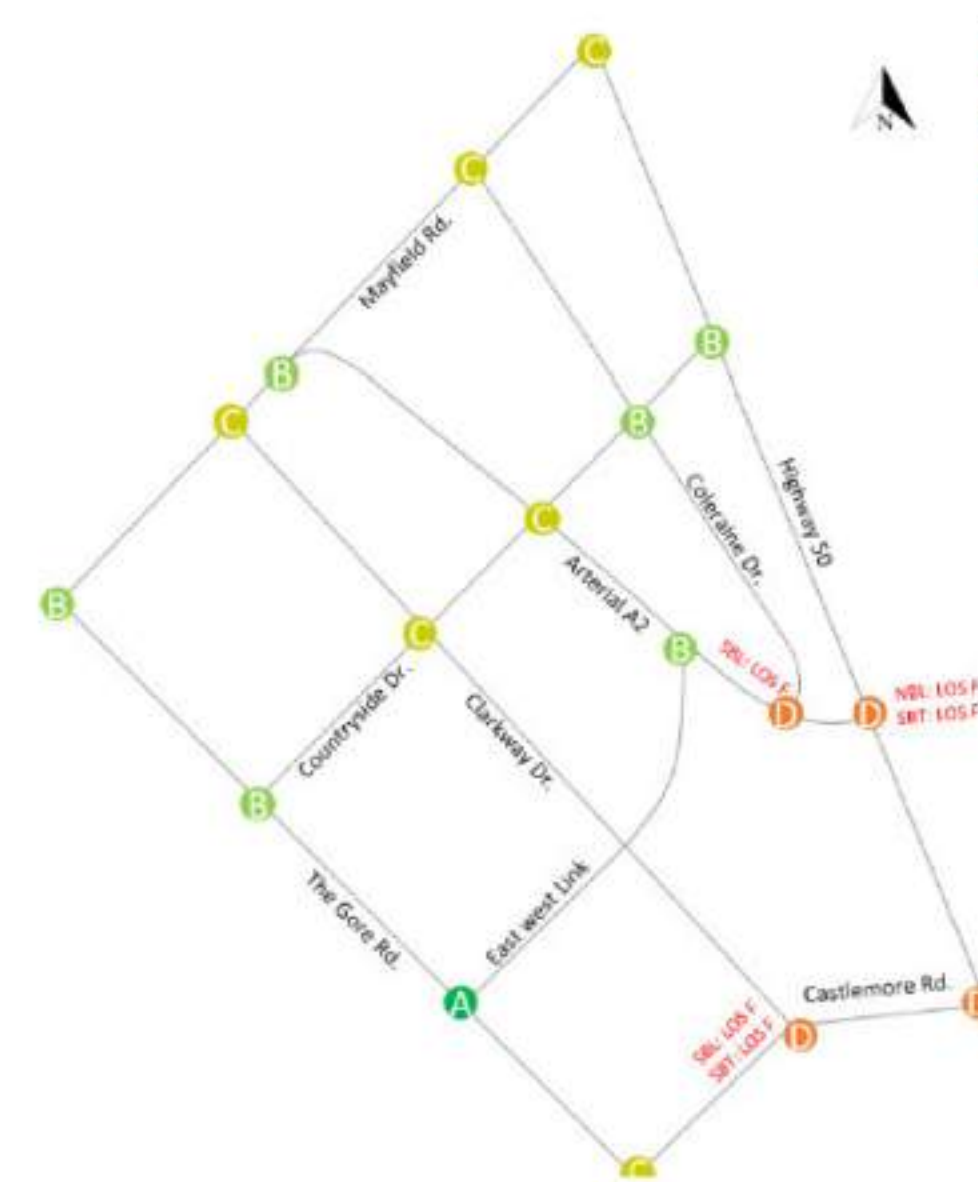
- Steep roadside slopes will be replaced with flat boulevards beyond the clear zone and the roads will have curb and gutter
- Proposed cross sections are wide enough that hydro poles will be located far from the road
- Multi-use pathways will be located on both sides of Countryside Drive, Clarkway Drive and East-West Arterial. Bus bays will be at all major intersections
- AODA-compliant traffic signals will be installed at all signalized intersections
- Proposed horizontal and vertical alignment meet/exceeds geometric design standards for enhanced safety



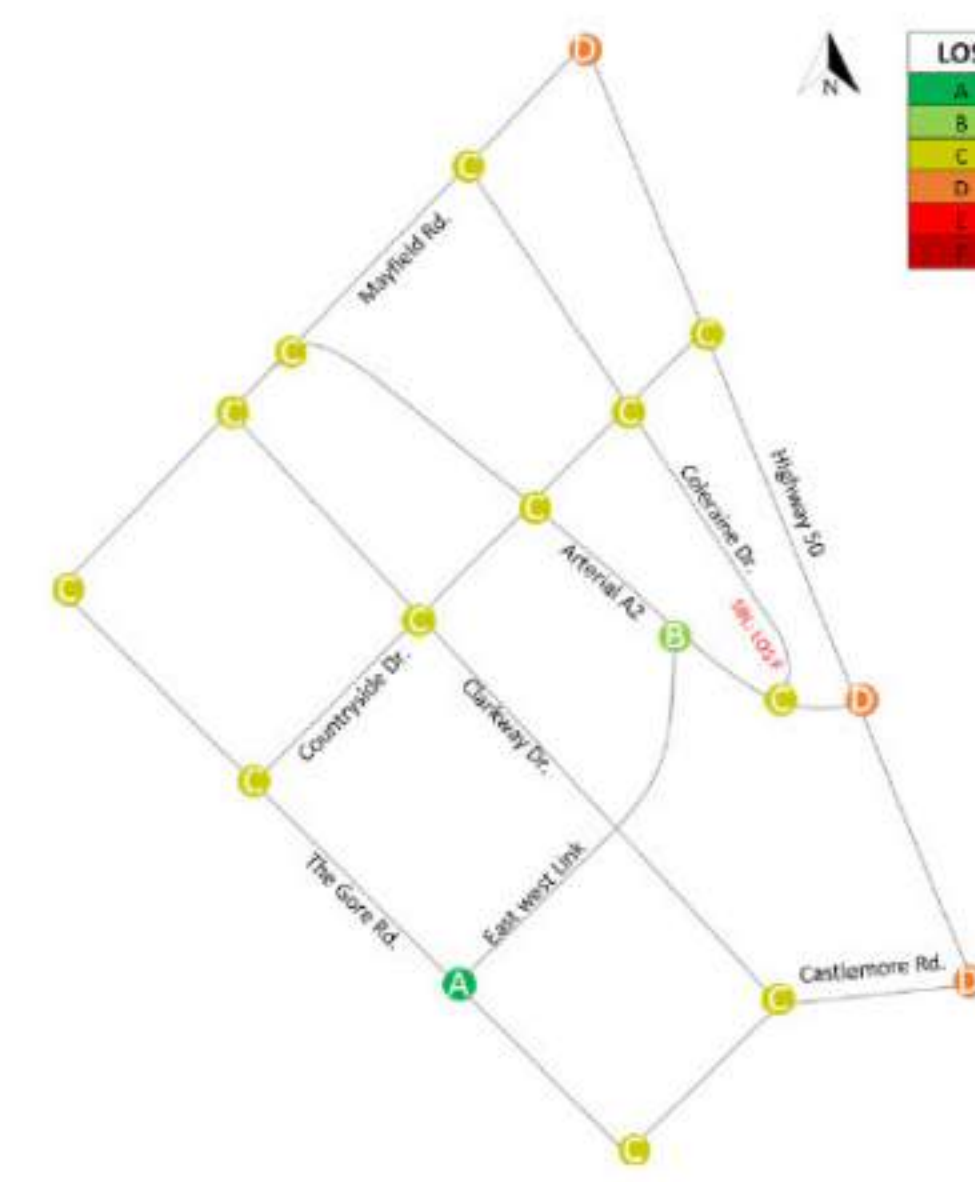
Traffic Operations

- Without the proposed improvements, drivers will experience significant travel delays throughout the network within the next 10 years
- Improvements include:
 - Construction of a new 4-lane arterial roadway (East-West Arterial)
 - Widen existing Countryside Drive to 4-lanes
 - Widen existing Clarkway Drive to 4-lanes
- Traffic signals at all major intersections

LOS	Description of Operations	LOS	Description of Operations
A	Little to no delay at intersections	D	Frequent queuing and delay (< 55 sec/vehicle)
B	Minimal delay	E	Significant delay and queuing, occasionally vehicles may need to wait for a second green
C	Some queuing and delay (<35 sec/vehicle)	F	Intolerable delays and queues.



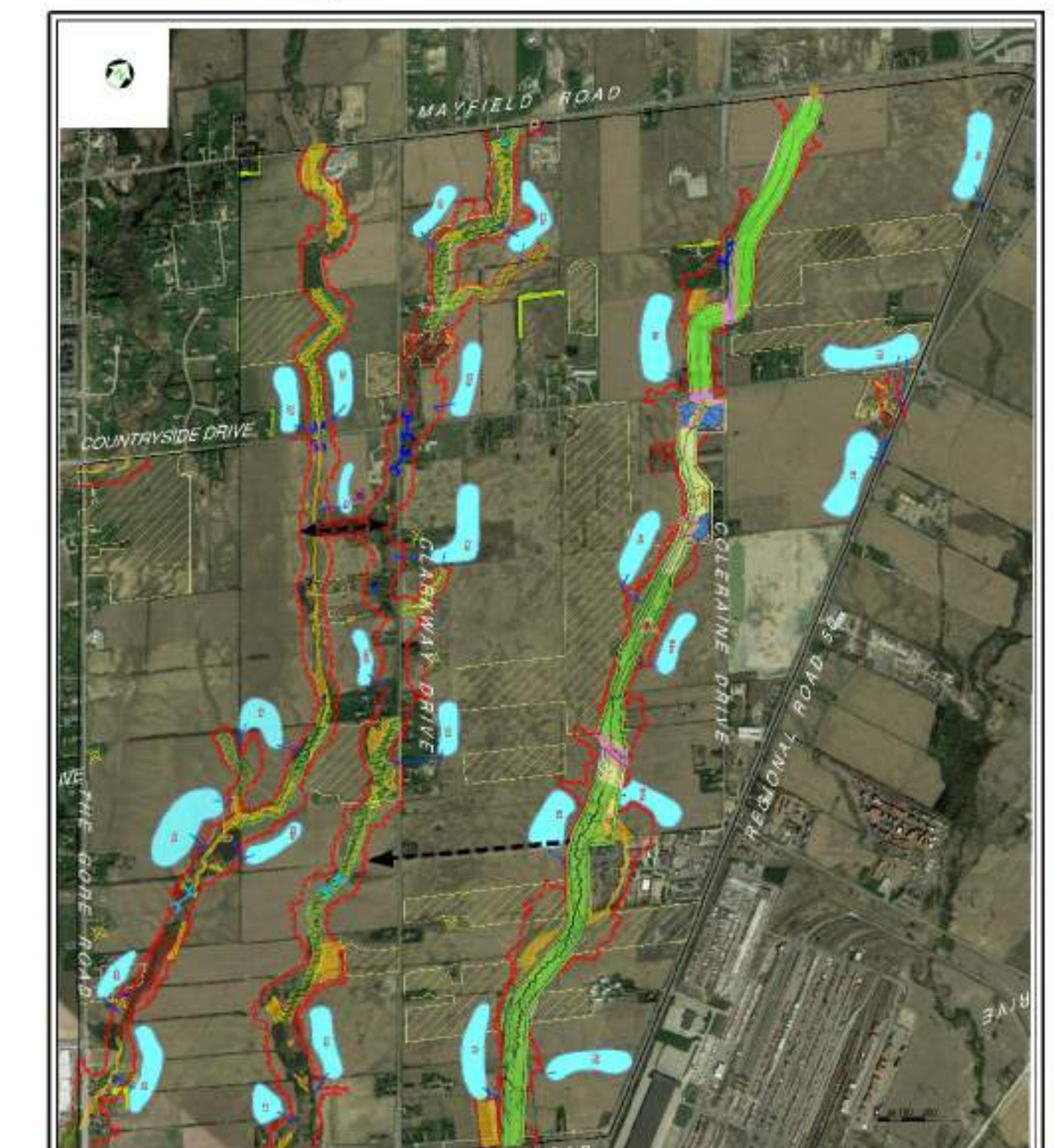
Signalized Intersections
Level of Service - 2041
AM Peak



Signalized Intersections
Level of Service - 2041 PM
Peak

Integration with Master Environmental Servicing Plan (MESP) & Addendum

- The MESP guides development for secondary plan area
- MESP Identified environmental features and constraints for what cannot be impacted and how the impacts will be compensated
- MESP Addendum – Rainbow Creek: To increase developable land, Rainbow Creek is being realigned and the floodplain is being narrowed. In exchange for loss of floodplain, the natural corridor along the creek will be significantly improved
- Bridges over Rainbow Creek have been designed for its future, improved condition. Includes providing higher and wider openings to allow for more light and animal movement under the bridges.



Completed Technical Studies

Fluvial Geomorphology

- Field Observations – Watercourse crossings in the study area predominantly consist of channels that have been highly impacted by agricultural land practices
- Recommendation – All watercourses require channel realignment as a result of the road widening/construction works, and that these channels accommodate a minimum span of the largest meander amplitude within the vicinity of the crossing
- The replacement and redesign of the new crossing structures will help reduce channel instability and they will stabilize these watercourse crossings



Contamination Overview Study

- The study identified properties on or near the road that may be sources of soil and groundwater contamination and may affect construction
- 36 properties were identified as having a high potential, 10 parcels had medium potential for environmental contamination. 13 significant spill locations were identified
- Recommendations – Soil and ground water sampling recommended for areas within the footprint of the future road to assess site conditions for soil and groundwater quality



Ongoing / Completed Technical Studies

Natural Environment - Terrestrial

- 8 Reptiles, 11 amphibians, 36 species of birds, and 42 species of mammals were identified
- There were 3 Species at Risk in the area: Bobolink, Barn Swallow, Caspian Tern
- Minimal removal of natural materials, stabilize and re-vegetation all areas of disturbed/exposed soil
- Terrestrial enhancement opportunities - Placing vegetation at culvert inlets and outlets which encourage wildlife crossing and remove crossing barriers such as culvert grading, log jams or fencing
- Any proposed work activities in migratory bird habitat is recommended to be undertaken outside of the active breeding season (April 1 to August 31)



Bobolink



Barn Swallow



Caspian Tern

Natural Environment - Aquatic

- The tributaries have unstable flow regimes with limited canopy cover, making the tributaries unstable habitats for specialized feeders and fish-eating fish in the area
- Preliminary Mitigation Measures - design and install culverts to prevent barriers to fish movement, design and implement standard Erosion and Sediment Control, avoid impact to the watercourse, minimize removals of natural areas and restore to pre-construction state or better
- Aquatic enhancement opportunities: Plant shrubs along the channel banks, enhance watercourse buffers through the riparian restoration and revegetation and protect natural areas



Stormwater Management

- No storm sewers or formal stormwater management are currently present.
- Proposed conditions – Urbanized right-of-way with multiple travel lanes and multi-use paths, storm sewer system draining to a formal stormwater management infrastructure, and Low Impact Development features within right-of-way limits
- The Stormwater Management Report is ongoing and currently awaiting information from the Toronto and Region Conservation Authority



Ongoing Technical Studies

Geotechnical Investigation

- Foundational investigations for bridges and culverts (structures & retaining walls)
- Slope stability analysis for embankments
- Preliminary soil chemical analysis
- Existing pavement condition analysis
- Pavement design alternatives
- Roadway cut and fill operations
- Dewatering requirements
- Chemical analysis and disposal requirements of surplus materials

*The Geotechnical Investigation is incomplete due to ongoing data collection



Hydrogeological Investigations

- Existing conditions - identification of wells, description of watershed boundary or catchment area(s), land use, existing drainage, existing culverts and structures, regulatory flood plain, and environmental sensitivities
- Determine water well or aquifers impacts and mitigation measures
- Identification of potential water bearing formations that may be impacted
- Impacts to groundwater
- Evaluation of proposed construction methods
- Need for dewatering, depressurization, and/or sumping
- Borehole logs and water level measurements in monitoring wells
- A headwater streams assessment
- Servicing or relocation of servicing (e.g., sanitary sewer, watermain, storm sewer) where a watercourse crossing is located

*The Hydrogeological Investigation is incomplete due to ongoing data collection

Noise Studies

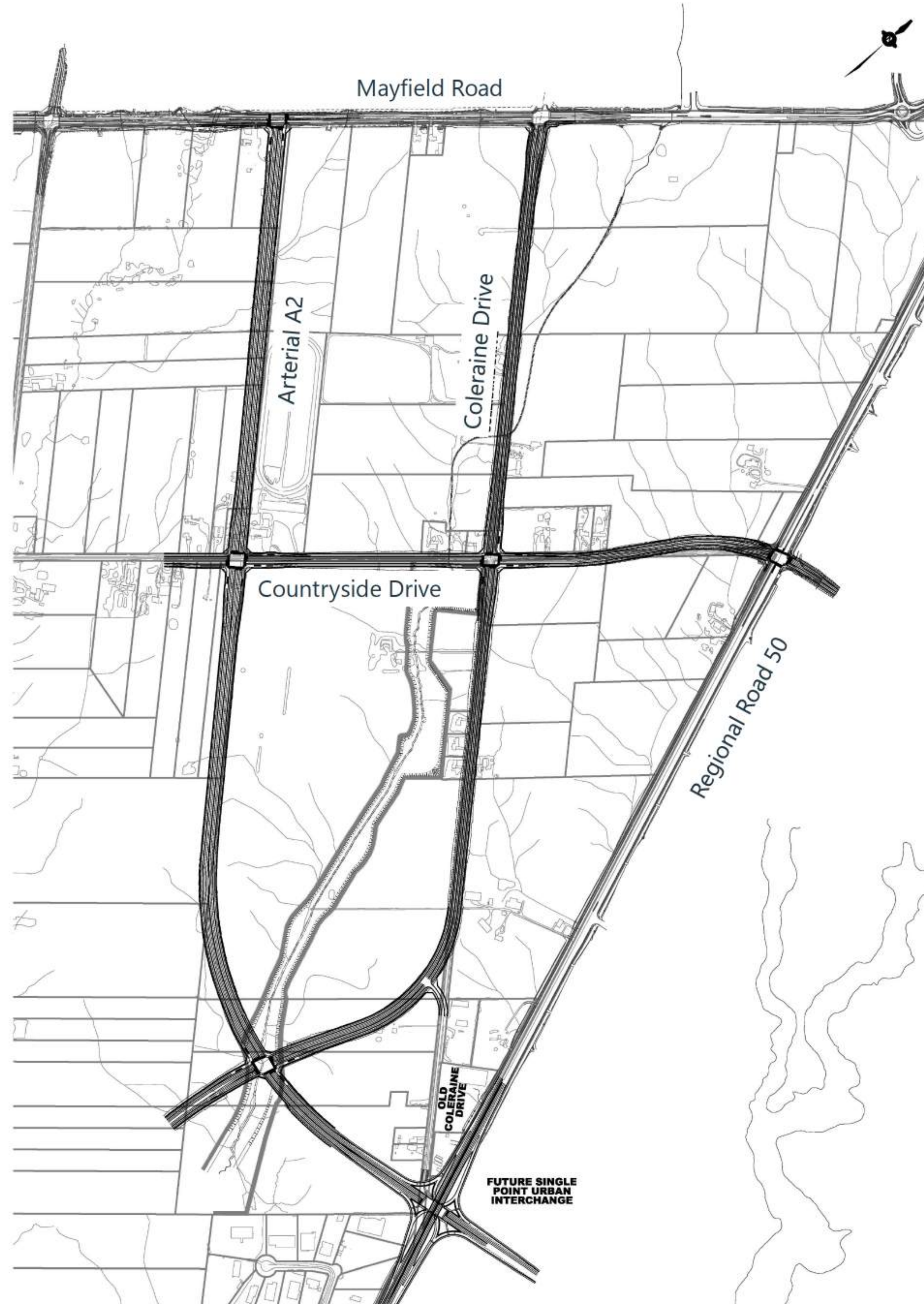
- The results of the noise study indicate the need for noise barriers along certain locations
- Further investigations are being conducted to confirm the height of the noise walls
- Any noise mitigation required as part of the development will be addressed through the development process





PART A DESIGN – REGION OF PEEL ROADWAYS
Arterial A2
Coleraine Drive

Preliminary Preferred Alternative – Part A



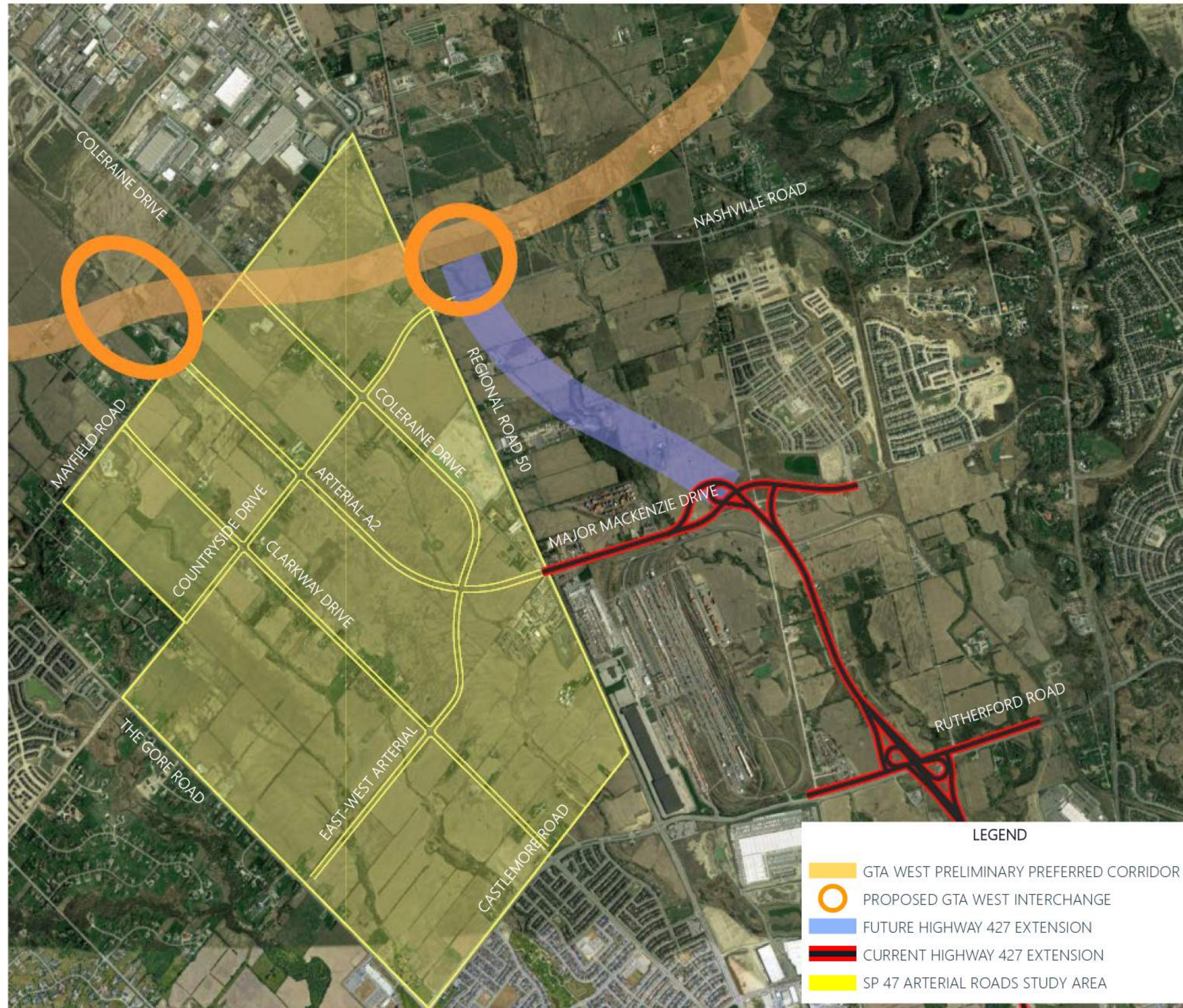
Arterial A2

- Ultimate six lane cross-section from Regional Road 50 to Mayfield Road within a 45 m right-of-way
- 3.0 m wide multi-use pathways along entire length of both sides of the road
- Provisions for transit bays, pad, and shelters at all intersections
- Left and right turn lanes at all intersections
- Set along the west side of the dividing line between blocks to minimize property impacts to existing buildings/businesses on Countryside Drive
- Improved connection to Major Mackenzie Drive (alignment) relative to what was presented as part of the SP47 TMP
- Intersection with Regional Road 50 will be constructed at-grade (typical intersection) until traffic operations indicate the need for grade separation
- Intersection with Regional Road 50 will be converted to a single point urban interchange when traffic operations warrant

Coleraine Drive

- Four lane cross-section from Arterial A2 to Mayfield Road within a 36 m right-of-way
- Widening to be done evenly either side of the existing road centerline
- Current intersection with Regional Road 50 to be disconnected and existing southern portion to be converted to a local access road with cul-de-sac, until the area is redeveloped
- Realigned at the south end to align with the intersection of Arterial A2 / East-West Arterial.

Connection to GTA West



WHAT IS GTA WEST?

GTA West Study focuses on a new multimodal transportation corridor that will extend from Highway 400 in the east, to the Highway 401/407 interchange in the west, with provisions for a 400 series highway, transitway, and potential goods movement priority features. The Ministry of Transportation is currently undertaking the Stage 2 GTA West Study which will identify the route, determine interchange locations complete the preliminary design and environmental assessment. More information can be found on the project's website: www.gta-west.com

HOW DOES IT AFFECT THE SP47 ARTERIAL ROADS CLASS EA?

Traffic studies for the arterial roads within SP47 were completed under two conditions: (1) with GTA West built by 2041, and (2) GTA West built beyond 2041. The decision was made to design the road network with flexibility to connect to the future GTA West, but under the assumption that it would not be built within the next 20 years. This is considered a 'conservative' approach, that considers worst case traffic within SP47. Alignment of A2 north of Mayfield Road is subject to final location of GTA West Interchange

WHAT ARE THE TIMELINES FOR IMPLEMENTATION OF GTA WEST?

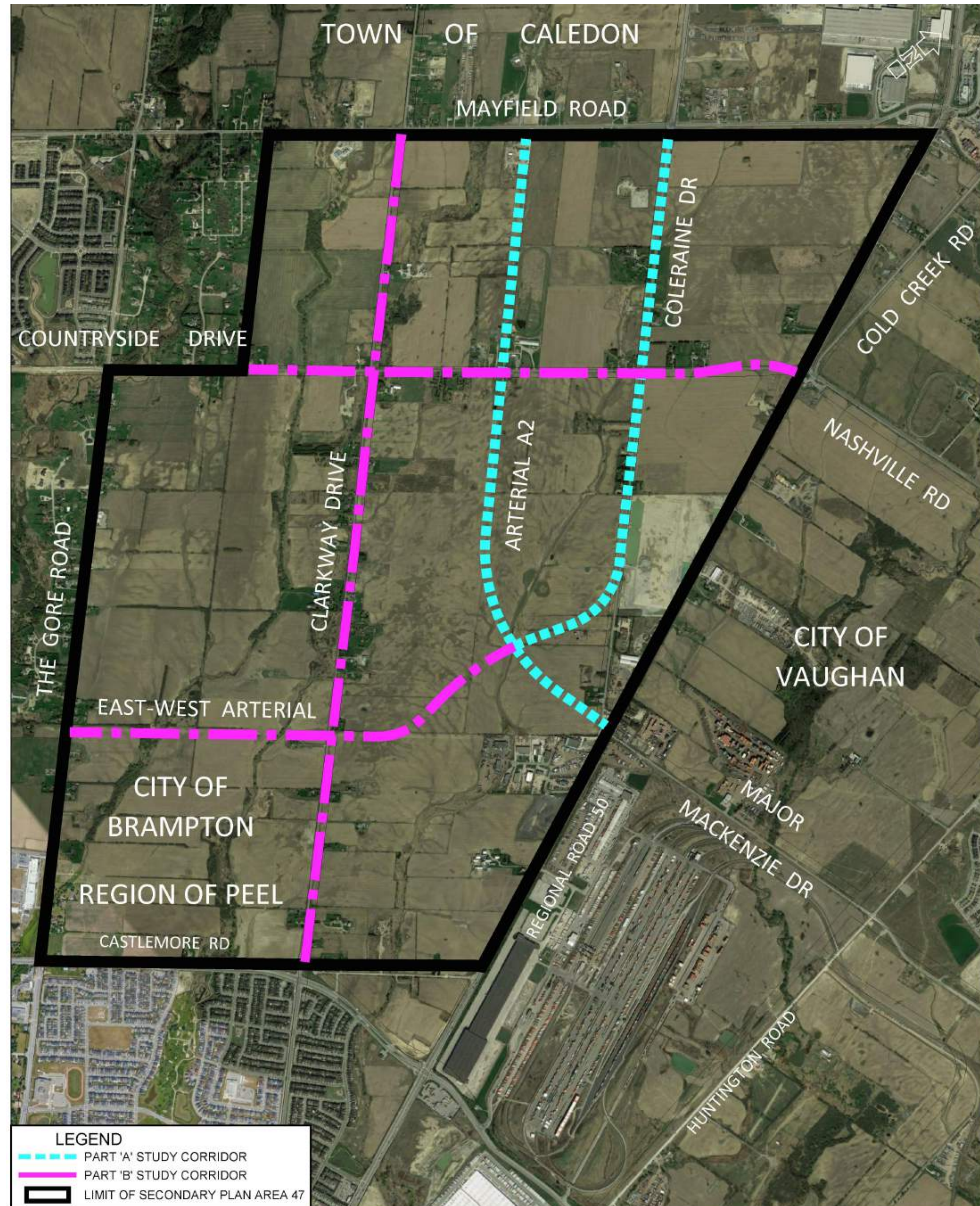
The GTA West Stage 2 Study planning and preliminary design phase will culminate in an Environmental Assessment (EA) Report. It is anticipated that the Final EA Report will be submitted to the Ministry of the Environment, Conservation and Parks by the end of 2022.

Following the review and approval of the EA Report, the corridor will be protected. Currently there is no commitment to a timeline for additional design and construction phase of project. The timing and duration of GTA West highway construction depends on numerous factors.

PART B DESIGN – CITY OF BRAMPTON ROADWAYS

East-West Arterial
Countryside Drive
Clarkway Drive

Preliminary Preferred Alternative – Part B



East-West Arterial

- Four lane cross-section from The Gore Road to Arterial A2/Coleraine Drive intersection within a 36 m right-of-way
- May require hydro pole relocation
- Two new structures required
- Property acquisition and one residential property required for buyout
- Requires new crossing of Clarkway Creek Tributary
- In line with both Secondary Plan & SP47 TMP

Countryside Drive

- Four lane cross-section from The Gore Road Highway 50 within a 36 m right-of-way
- Properties will be impacted
- Would pass through designated and built heritage property and listed built heritage property
- Requires relocation of some utilities and watermain
- Would infringe on small area of two SAR habitats
- Impacts tributaries connected to Robinson Creek Tributary and Clarkway Creek

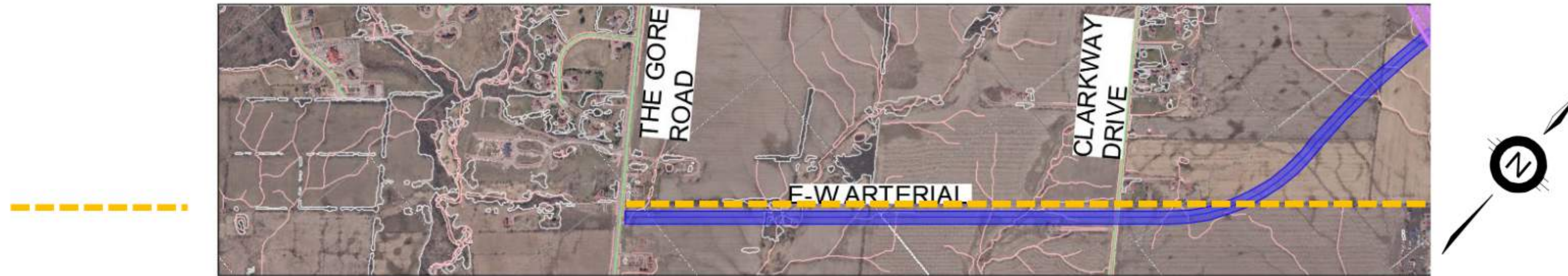
Clarkway Drive

- Two or four lane cross-section
- Properties will be impacted
- Some impact to heritage properties anticipated
- Extensive watermain, sanitary sewer, hydro, and bell relocation required
- Would infringe on five species at risk (SAR) habitat areas
- Moderate impact to aquatic features anticipated
- Additional guardrail required; Intersection realignment required at Mayfield Road

Summary of Preliminary Preferred Options

East-West Arterial (Alternative 1 – SP47 TMP Alignment)

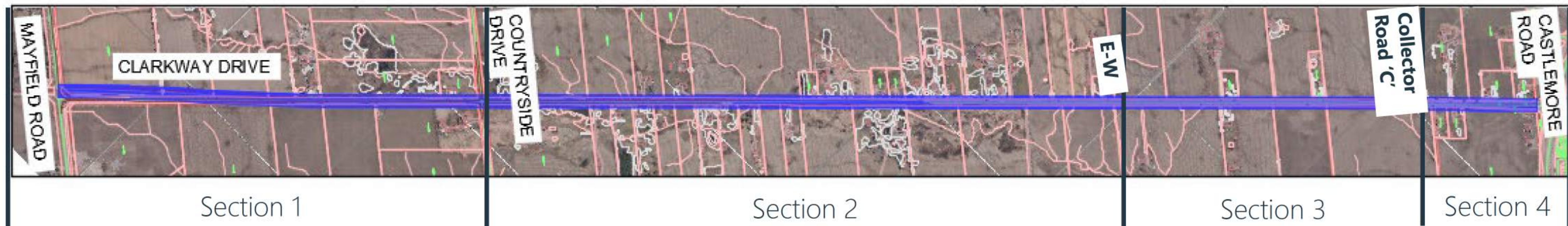
Approximate location of the TransCanada Pipeline/Enbridge Gas Pipeline



Countryside Drive (Alternative 3 – Widen to the South of Existing Right-of-Way and Curve Through Hwy 50 Intersection)



Clarkway Drive (Alternative 1 – Widen evenly on Either Side of Existing Right-of-Way)



Next Steps

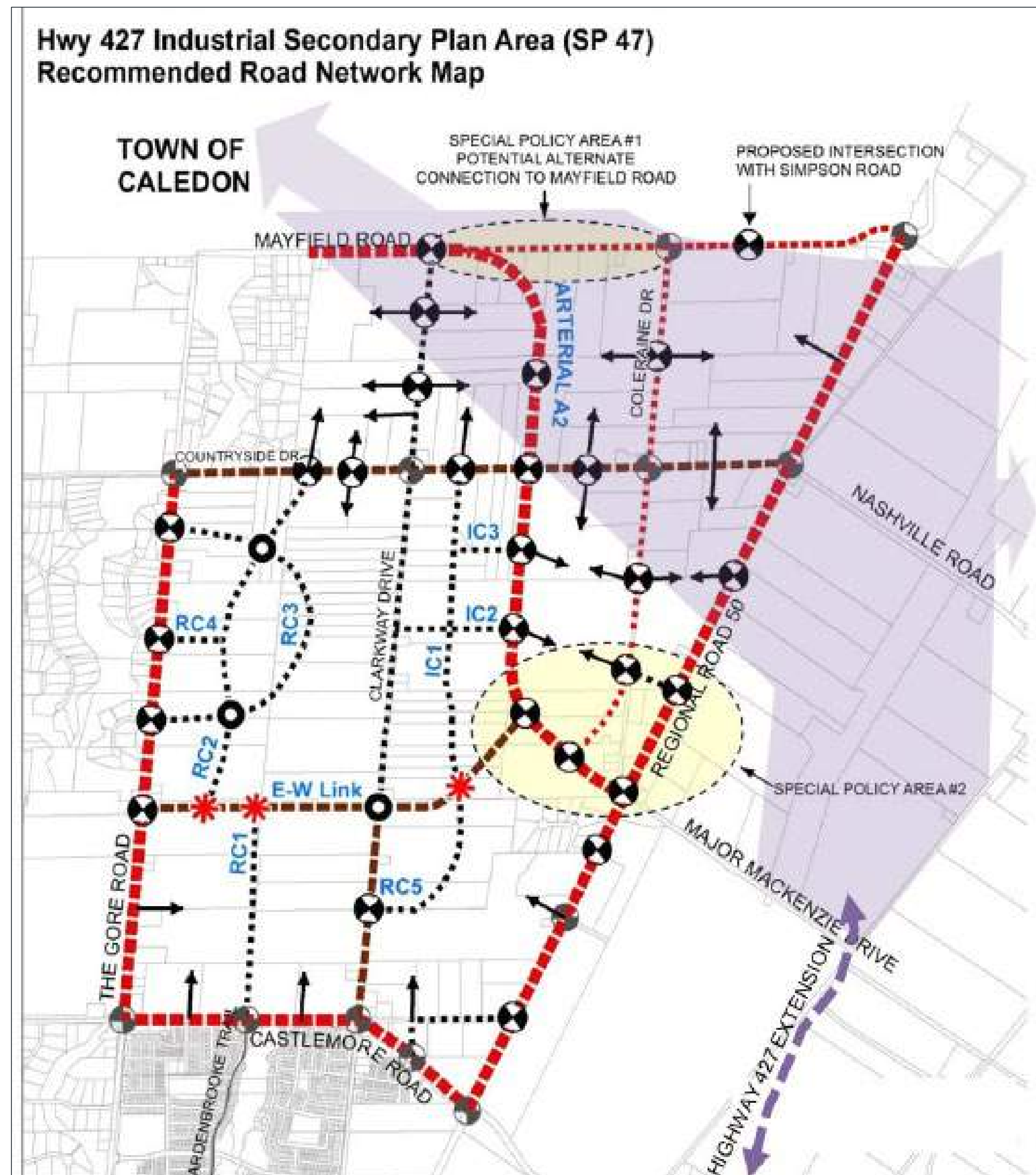
1. Part B (City Roads): Public Information Centre #2 scheduled for **Spring 2022**
2. Part A (Regional Roads): Prepare and file the Environmental Study Report for **Spring 2022**. The Environmental Study Report will be provided to you for review and comment.
3. Part B (City Roads): Prepare and file the Environmental Study Report for **Summer/Fall 2022**. The Environmental Study Report will be provided to you for review and comment.

Meeting Wrap-Up

1. Wood to prepare meeting notes and share back for review and validation.
2. Any additional information requested?
3. What involvement would you like during detailed design and construction?

Additional Materials

Design Alternatives – Special Policy Areas



Secondary Plan Road Network

Two transportation network ‘Special Policy Areas’ were identified in the SP47 Transportation Master Plan as requiring additional, more detailed, evaluation as part of the Class EA process:

Special Policy Area #1 identifies potential alternative intersections of Arterial A2 with Mayfield Road. Lands within this area shall be protected from development until the intersection of Arterial A2 with Mayfield Road has been determined as part of an EA ...

“Road segments and intersections within the Special Policy Area #2 require... more in-depth functional analysis to determine network/operational solutions including intersection spacing, connectivity to the municipal and regional road network, intersection geometry and controls. It is anticipated that such in-depth assessment will be completed [as part of an EA] study for Arterial A2. Lands within Special Policy Area #2 shall be protected from development until the locations of these intersections and the arterial road alignment ..have been determined as part of the EA...”

HDR, Highway 427 Industrial Secondary Plan (Area 47) Transportation Master Plan Study, 2014., Reference Section 7.1.

The preliminary preferred configuration for arterial roadways within the Special Policy Areas has been identified through detailed analysis completed as part of the current study.

This includes both the alignment of roadways, and recommendations regarding future construction of an interchange at the junction of Arterial A2 and Regional Road 50. Future details are provided on the following slides.

Special Policy Area 1 – Design Alternatives



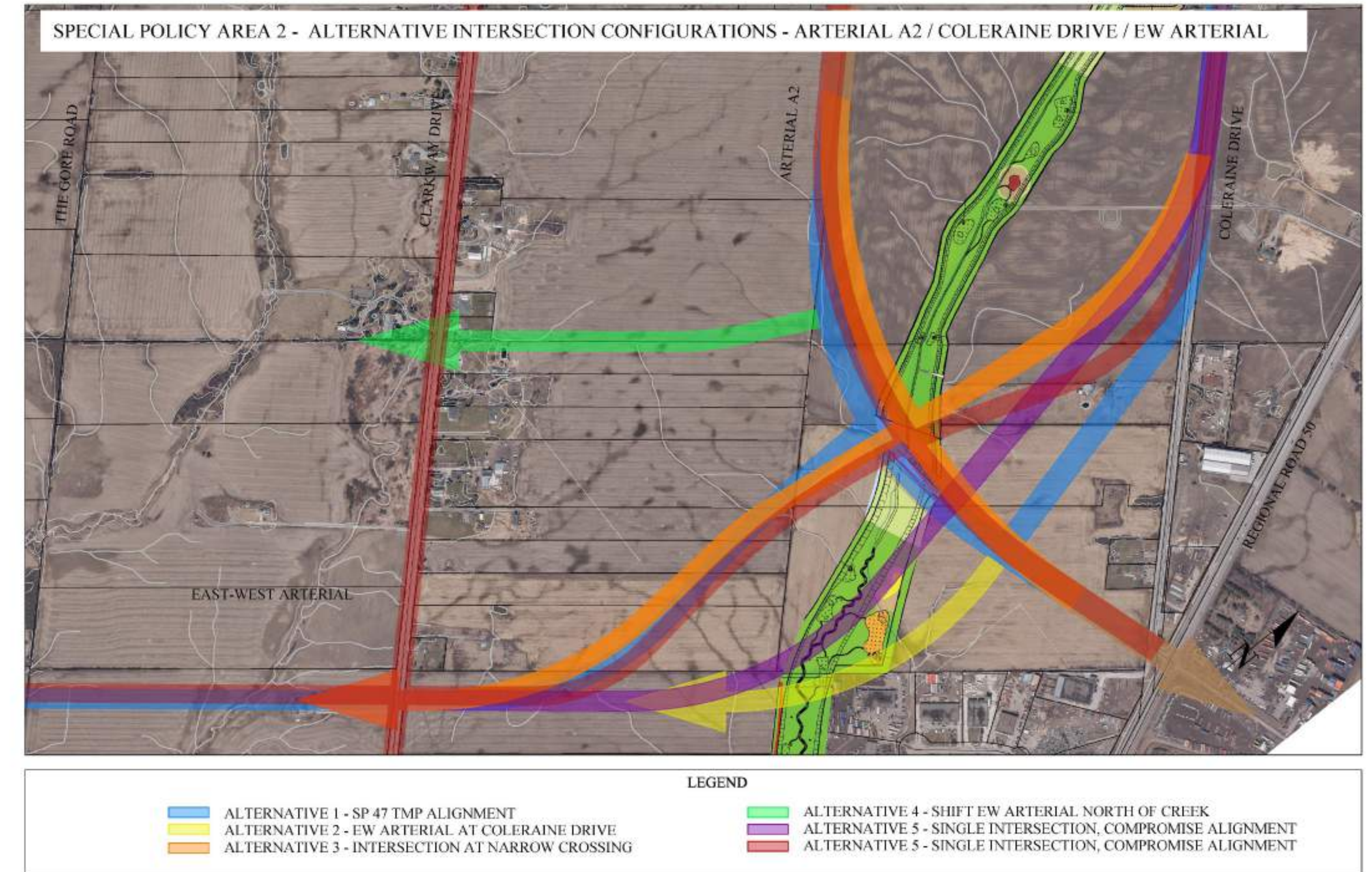
Criteria	Alternative 1 TMP Alignment	Alternative 2 Realign Mayfield	Alternative 3 T-Intersection	Alternative 4 Realign A2 to the East
Social Environment	 <ul style="list-style-type: none"> Impacts 2 Residences. Road will be closer to residences, and increases noise levels. Minimal Impact to Agriculture. 	 <ul style="list-style-type: none"> Impacts 2 Residences and 1 Business. Road will be further from residences, and reduces noise levels. Minimal Impact to Agriculture. 	 <ul style="list-style-type: none"> Impacts 2 Residences. Road will be closer to residences, and increases noise levels. Minimal Impact to Agriculture. 	 <ul style="list-style-type: none"> Significant variance from Master Plan. Impacts 2 Residences. Significant Agricultural Property Impacts
Economic Factors	 <ul style="list-style-type: none"> Relocation of 200m of overhead wires. New bridge with >28.5m span. 2,450m of new roadway. 1 signalized intersection 12.7ha of property required, 2 residential properties. 	 <ul style="list-style-type: none"> Relocation of 1,000-1,500m of overhead wires. New bridge with >28.5m span. 2,850m of new roadway. 1 signalized intersections 14ha of property required, 2 residential and 1 commercial properties. 	 <ul style="list-style-type: none"> Relocation of 60m of overhead wires. No new bridge required. 2,000m of new roadway. 1 signalized intersection 10.7ha of property required, 2 properties. 	 <ul style="list-style-type: none"> Relocation of ~1,500m of overhead wires. No new bridge required. 3,000m of new roadway. 2 signalized intersections 14.6ha of property required, including 2 residential properties.
Natural Environment	 <ul style="list-style-type: none"> Requires new bridge crossing of Clarkway Creek Tributary. Crossing location is identified as direct fish habitat. 	 <ul style="list-style-type: none"> Requires new bridge crossing of Clarkway Creek Tributary. Crossing location is identified as direct fish habitat. 	 <ul style="list-style-type: none"> No significant environmental features are impacted. 	 <ul style="list-style-type: none"> No significant environmental features are impacted.
Engineering/ Technical	 <ul style="list-style-type: none"> Complex intersection design would not offer good pedestrian and vehicular safety/wayfinding. 4,200m³ of linear infrastructure constructed within floodplain. New creek crossing required. Access to 6 properties significantly impacted. 	 <ul style="list-style-type: none"> Intersection would be located on a curve, not preferred. 4,200m³ of linear infrastructure constructed within floodplain. New creek crossing required. Access to 6 properties significantly impacted. 	 <ul style="list-style-type: none"> Traditional intersection design offers ease of operation and clear visibility. No existing creek crossings impacted. Access to 4 properties significantly impacted. 	 <ul style="list-style-type: none"> Intersection would be located on a curve, not preferred. No existing creek crossings impacted. Access to 4 properties significantly impacted.
Planning Policies	 <ul style="list-style-type: none"> Alignment matches one of the two short-listed alternatives from the TMP. Limited impact on development potential of the area. 	 <ul style="list-style-type: none"> Similar to alternatives identified in the TMP. Limited impact on development potential of the area. 	 <ul style="list-style-type: none"> Alignment matches one of the two short-listed alternatives from the TMP Least impactful to development potential of the area. 	 <ul style="list-style-type: none"> Alternative not presented in the TMP Significantly changes the block sizes and development potential of the area.
Summary	 <ul style="list-style-type: none"> Intersection design not preferred New creek crossing required High capital cost 	 <ul style="list-style-type: none"> Intersection design not preferred New creek crossing required High capital cost 	 <ul style="list-style-type: none"> Preferred Option Least impacts to creek and property. Traditional intersection design 	 <ul style="list-style-type: none"> Significant agricultural property impacts Relocate overhead wires. Divides several properties.

Special Policy Area 2 – Design Alternatives (Roads)

Design Issues and Constraints Within Special Policy Area 2 (SPA2)

Selection of preferred road alignments and intersection details within SPA2 were deferred by the SP47 TMP as the available traffic models were **unable to solve traffic issues** at the proposed Regional Road 50 /Arterial A2 intersection, and the **MESP Addendum** had yet to be completed.

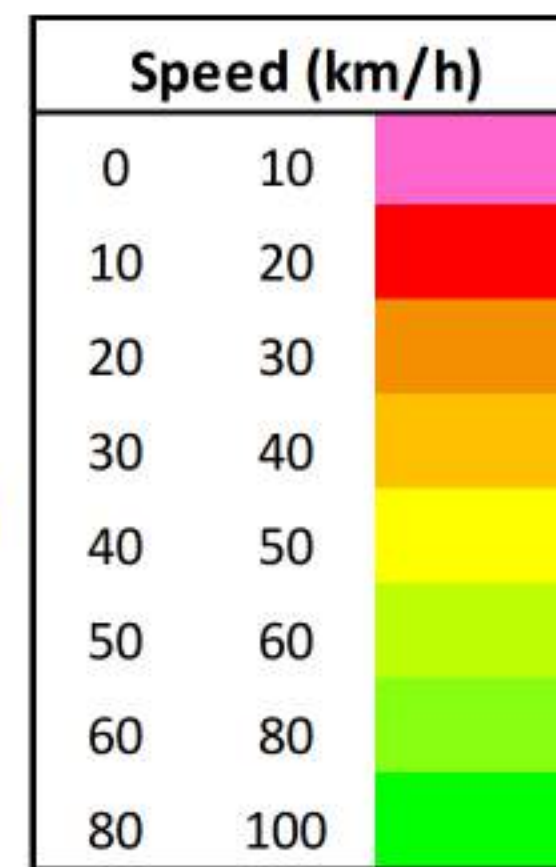
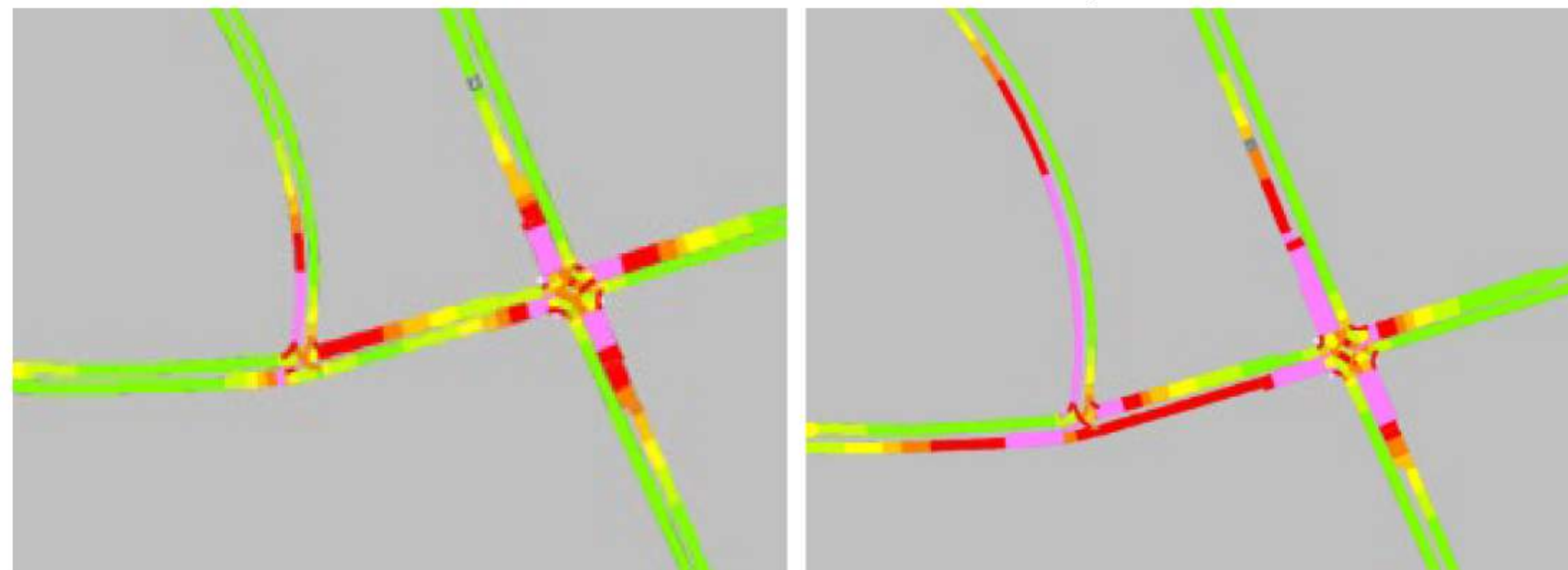
While a number of alternative designs were considered within SPA2 (see figure to the right), the detailed traffic model developed for the Class EA indicated that to keep traffic moving within this area, the intersection of Coleraine Drive and Arterial A2 would need to be moved to at least 600 m from Regional Road 50 – almost in line to with the Arterial A2/East-West Arterial intersection. To minimize impacts on planned land uses west of Arterial A2, the Coleraine Drive and East-West Arterial Intersections were then combined into a single four-way intersection.



TRAFFIC ISSUES ASSOCIATED WITH CLOSENESS OF COLERAINE DRIVE AND REGIONAL ROAD 50 INTERSECTIONS (SP47 TMP CONFIGURATION)

2041 a.m. Peak Period

2041 p.m. Peak Period



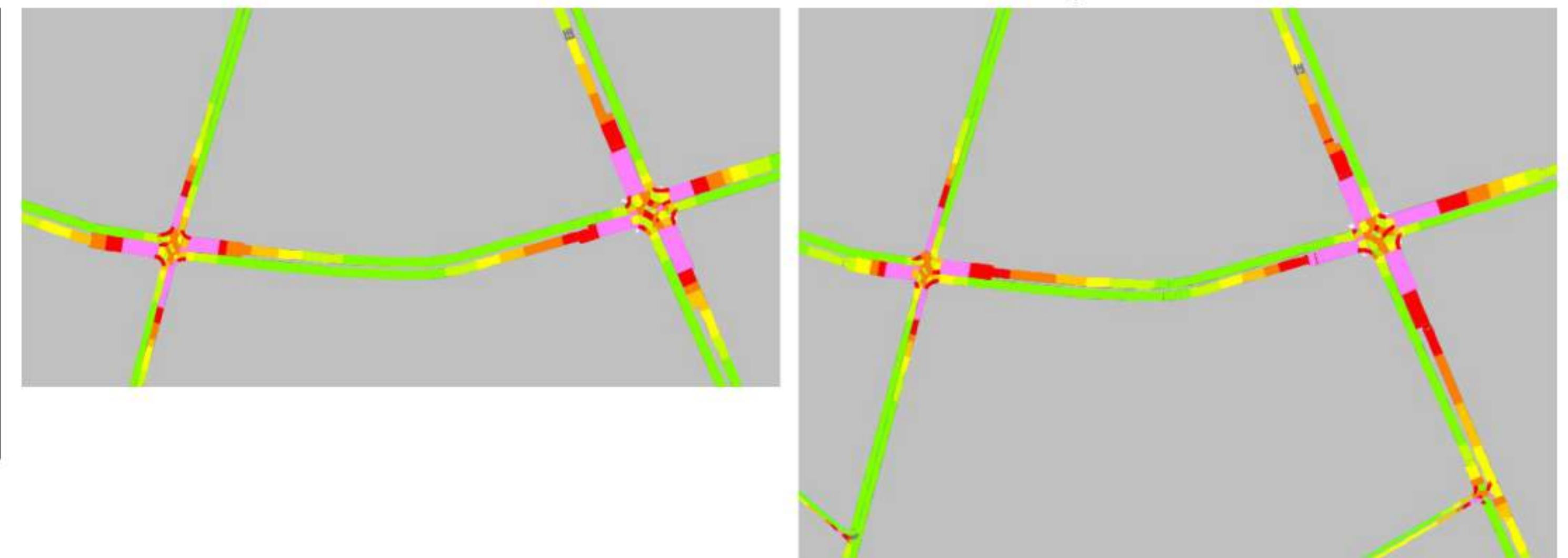
Traffic from one intersection not affecting the other, however there are significant wait times at Coleraine Drive.

Traffic backing up from the Reg. Rd. 50 intersection is causing vehicles not be able to get through the signal at Coleraine Drive.

SIGNIFICANT OPERATIONAL IMPROVEMENTS REALIZED THROUGH MOVING COLERAINE DRIVE WESTERLY APPROXIMATELY LEAST 600 m

2041 a.m. Peak Period


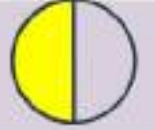


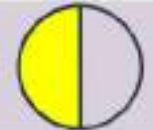

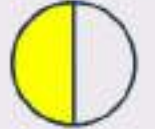


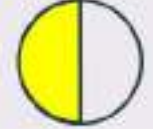








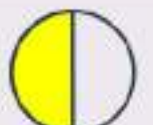











2041 p.m. Peak Period



Both intersections working at acceptable levels.

Reg. Rd. 50 intersection is operating poorly, however it is not having an influence on traffic at the Coleraine/ East-West intersection.

Special Policy Area 2 – Evaluation of Road Alternatives

Criteria	Alternative 1 TMP Alignment	Alternative 2 Realign East-West Arterial	Alternative 3 Single Intersection Over Creek	Alternative 4 Shift East-West Arterial North	Alternative 5 Single Intersection East of Creek
Social Environ.	 <ul style="list-style-type: none"> 1 residential building impacted Median impact on agricultural properties 	 <ul style="list-style-type: none"> 1 residential building impacted Limited impact on agricultural properties 	 <ul style="list-style-type: none"> Limited impact on agricultural properties 	 <ul style="list-style-type: none"> 3 residential buildings impacted Limited impact on agricultural properties 	 <ul style="list-style-type: none"> 1 residential building impacted Significant impact on agricultural properties
Economic Factors	 <ul style="list-style-type: none"> 12.5ha of property required for new roads Median property acquisition cost 	 <ul style="list-style-type: none"> 13.1ha of property required for new roads Median property acquisition cost 	 <ul style="list-style-type: none"> 13.9ha of property required for new roads Median property acquisition cost 	 <ul style="list-style-type: none"> Significant property required for new road alignment that varies significantly from Secondary Plan. 	 <ul style="list-style-type: none"> 13.3ha of property required for new roads Median property acquisition cost
Natural Environ.	 <ul style="list-style-type: none"> Single creek crossing 140m of natural heritage system crossing 	 <ul style="list-style-type: none"> Two creek crossings 380m of natural heritage system crossing 	 <ul style="list-style-type: none"> Single, wide crossing of Rainbow Creek 290m of natural heritage system crossing 	 <ul style="list-style-type: none"> Single creek crossing 140m of natural heritage system crossing 	 <ul style="list-style-type: none"> Two creek crossings 450m of natural heritage system crossing
Technical Engineering	 <ul style="list-style-type: none"> Significant traffic queueing on A2 and not compatible with interchange at RR50 New crossing of Rainbow Creek required – minor water flow impacts Existing Coleraine will need to be dead-ended. 	 <ul style="list-style-type: none"> Significant traffic queueing on Coleraine and E-W Arterial and not compatible with interchange at RR50 2 New crossings of Rainbow Creek required. Existing Coleraine will need to be dead-ended. 	 <ul style="list-style-type: none"> Compatible with RR50 interchange and addresses traffic queues New crossing of Rainbow Creek – moderate water flow impacts Existing Coleraine will need to be dead-ended. 	 <ul style="list-style-type: none"> Significant traffic queueing on A2 and not compatible with interchange at RR50 New crossing of Rainbow Creek required – moderate water flow impacts Existing Coleraine will need to be dead-ended. 	 <ul style="list-style-type: none"> Partially addresses traffic queueing on RR50 and may be compatible with the RR50 interchange 2 New crossings of Rainbow Creek – minor flow impacts Existing Coleraine will need to be dead-ended.
Planning Policies	 <ul style="list-style-type: none"> Configuration is what was illustrated in the SP47 TMP. 	 <ul style="list-style-type: none"> Would impact development in Block 47-1 	 <ul style="list-style-type: none"> Impacts to Industrial Area 	 <ul style="list-style-type: none"> Significant impacts to 47-1, 47-2 and 47-3 	 <ul style="list-style-type: none"> Impacts to Block 47-3 and Industrial Area
Summary	 <ul style="list-style-type: none"> Does not address traffic issues at Regional Road 50. 	 <ul style="list-style-type: none"> Does not address traffic issues at Regional Road 50. Two creek crossings required. 	 <ul style="list-style-type: none"> Preferred Option Addresses traffic issues at Regional Road 50. Single creek crossing. 	 <ul style="list-style-type: none"> Does not address traffic issues. Alignment varies significantly from what was illustrated in the Secondary Plan. 	 <ul style="list-style-type: none"> Does not fully address traffic issues at Regional Road 50. Two creek crossings required.

Special Policy Area 2 – Design Alternatives (Crossing)

Single Intersection in Proximity to Rainbow Creek

Locating the single intersection between Arterial A2/Coleraine Drive/East-West Arterial a minimum of 600 m from Regional Road 50 puts it in very close proximity to the Natural Heritage System for Rainbow Creek. A series of design alternatives was developed and assessed to arrive at a preferred location and design for the Rainbow Creek crossing.

Design Alternatives

The location of the crossing is constrained by:

- Tie-ins with existing roadways (Major Mackenzie Drive, Coleraine Drive)
- Rainbow Creek and its associated Natural Heritage System (NHS)
- Commitments made with respect to the Community Park at the intersection of Clarkway Drive and East-West Arterial
- Desire to keep industrial properties between Coleraine Drive and Rainbow Creek NHS suitably sized/shaped for industrial development

Based on these constraints, two road crossing configurations were short-listed:

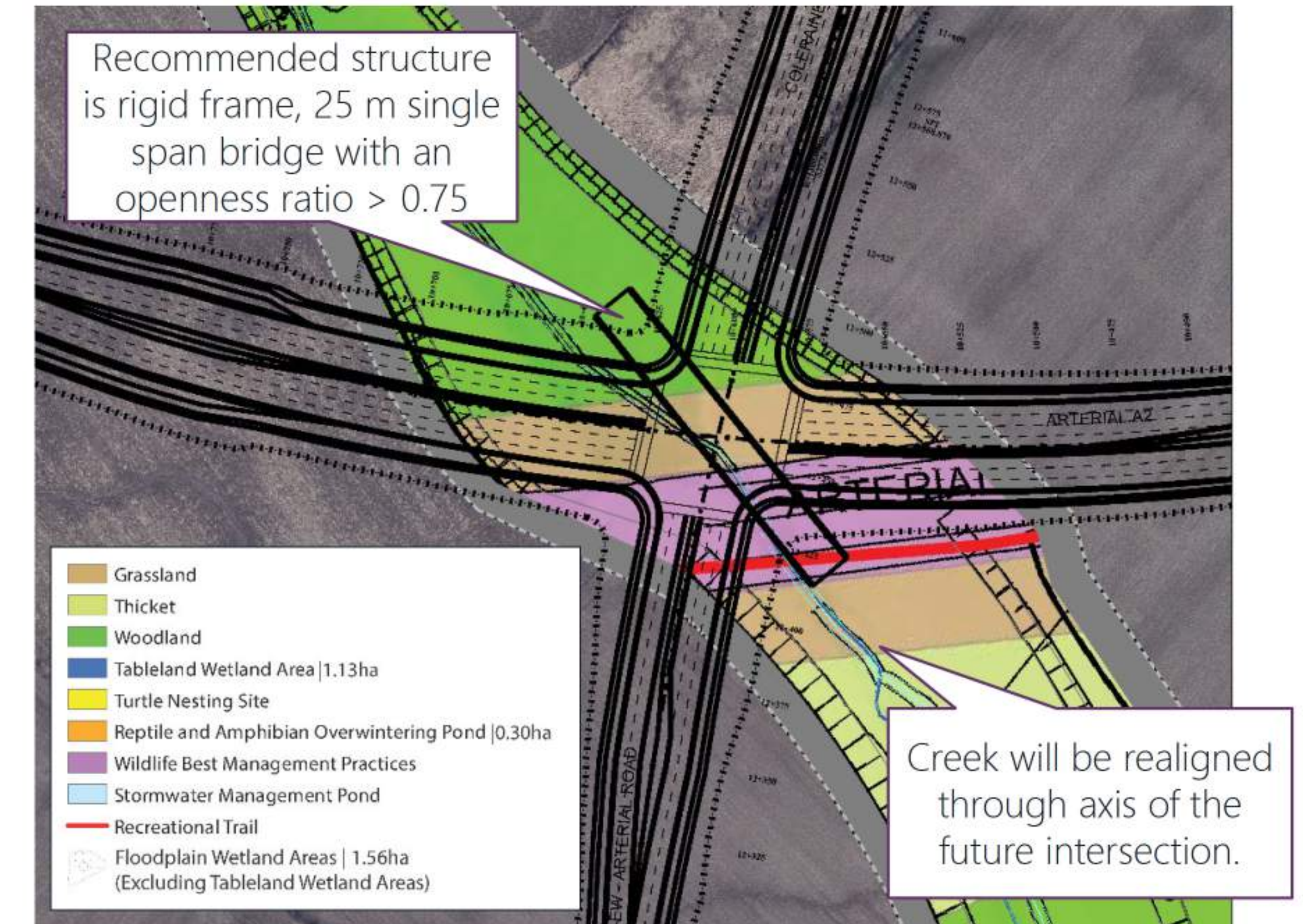
1. Single intersection over Rainbow Creek, with the north-south axis of the intersection approximately aligned with the existing creek – Single Bridge.
2. Single intersection immediately to the west of the Rainbow Creek NHS – Two Bridges

Locating the intersection east of the Rainbow Creek NHS was screened out as it would result in significantly longer segments of roadway being located within the NHS.

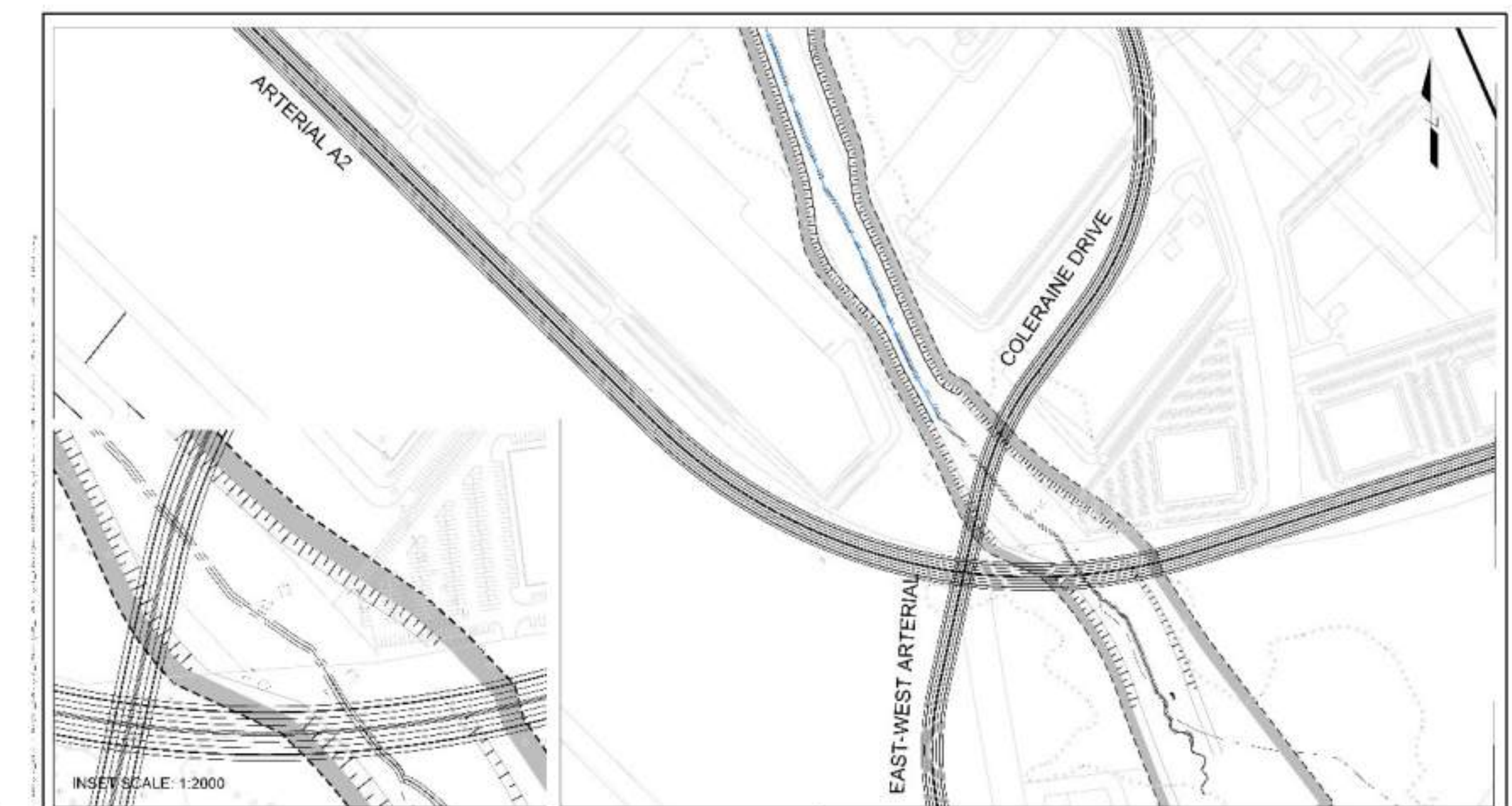
Preferred Alternative

Detailed evaluation of alternatives indicated ecological, flood, and creek flow requirements could be achieved through both short-listed alternatives; however, the cost of providing two separate structures was significantly more. As a result, Alternative 1 was identified as the preferred alternative.

Alternatives were assessed in consultation with Toronto Regional Conservation Authority, who provided Approval In Principle for the preferred design.



PREFERRED - Alternative Intersection Location Alternative 1 – Single Bridge



Short-Listed Intersection Location Alternative 2 – Two Bridges

Special Policy Area 2 – Design Alternatives (Interchange)

Grade-Separation

Even when the intersection of Coleraine Drive and Arterial A2 is moved further west and combined with the intersection with East-West Arterial, certain movements will still experience intolerable delays by 2041. This is related both to development with SP47 and the additional traffic that will result from extension of Highway 427 to Major Mackenzie Drive. As a result, the Region of Peel will be reserving property for construction of a future interchange at the junction of Major Mackenzie Drive and Regional Road 50 by 2041.

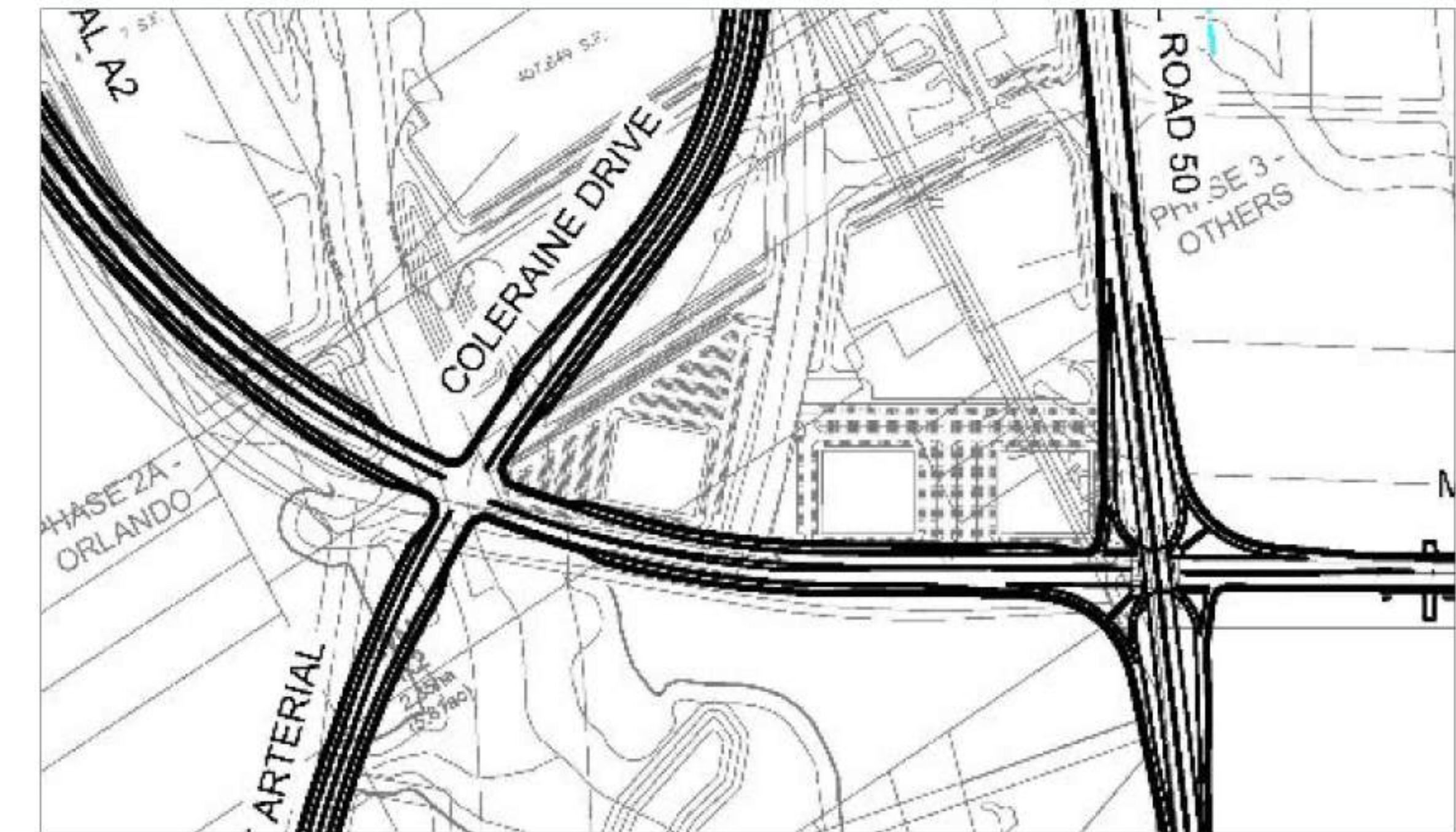
Design Alternatives

A total of 11 interchange alternatives were designed and evaluated. Three alternatives were short-listed:

1. At-Grade
2. Single Point Urban Interchange
3. Modified ParClo A

Detailed evaluation of alternatives was completed for both, and with the outcomes of key evaluation criteria summarized in the following table:

Evaluation Criteria	At-Grade	Single Point Urban Interchange	Parclo A
Impact to Development	✓	X	XX
Traffic Flow (2041)	X	✓	✓
Lifecycle Cost	✓	✓	XX
Area of infrastructure located within Rainbow Creek Natural Heritage System	X	X	✓
Constructability	✓✓	✓	X
Vulnerable User Safety	✓✓	✓	X



Alternative 1: Single Point Urban Interchange

- Regional Road 50 passes over Arterial A2/ Major Mackenzie Drive on a single span bridge
- All ramps, Arterial A2, and Major Mackenzie Drive remain at ground level
- Left turns are made at a signalized intersection under Regional Road 50
- All right turns are made on ramps.



Alternative 2: ParClo A

- Regional Road 50 passes over Arterial A2/ Major Mackenzie Drive on a single span bridge
- All right turns made on ramps
- No ability to make a "left turn" from Arterial A2/ Major Mackenzie Drive onto Regional Road 50

Special Policy Area 2 – Preferred Alternative (Interchange)

Grade-Separation – Preferred Design

The preferred design for the grade-separation (interchange) at Regional Road 50 and Major Mackenzie Drive / Arterial A2 is a **Single Point Urban Interchange (SPUI)**.

The Single Point Urban Interchange is the preferred option for a number of reasons:

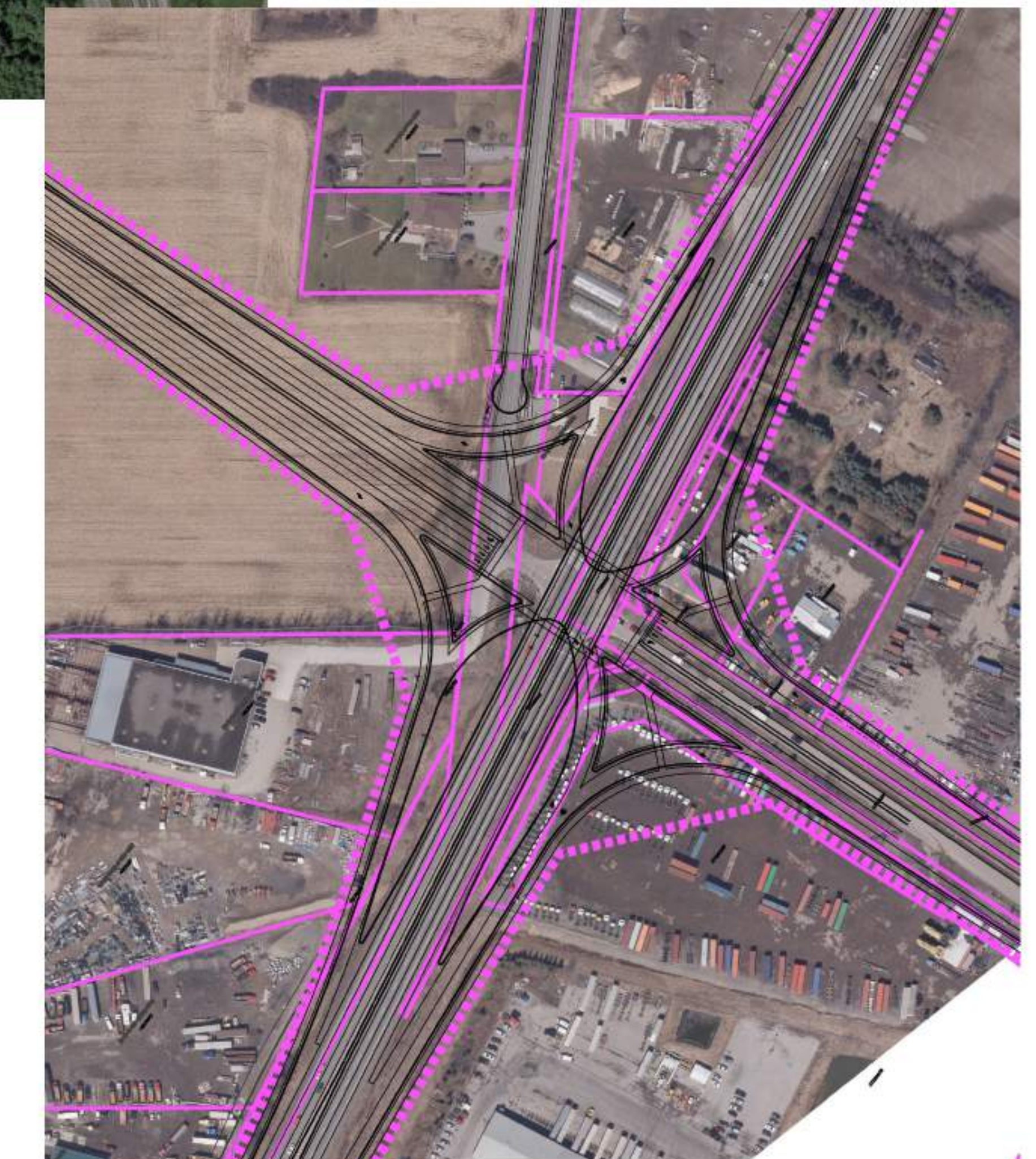
- Construction of this alternative can be deferred to 2041, allowing the intersection to be constructed at-grade until traffic volumes increase to a level that warrants action.
- It has the lowest life cycle cost of the options considered
- Supports active transportation facilities with crossings at a signalized intersection
- Allows the transportation network to exist in a configuration that is compatible with the road network.

It is not, however, without some challenges. These include:

- Impact to properties on both the York Region and Peel Region sides of Regional Road 50 (by 2041)
- Existing accesses will need to be reconfigured.
- The intersection of Cadetta Road and Regional Road 50 will need to be relocated further to the south, requiring extension of Cadetta Road.



This is an example of Single Point Urban Interchange currently in place in the City of Ottawa that is very similar to what is being proposed as part of this project.



Preliminary Preferred Interchange Design

Coleraine Drive - Alternative Alignments

Coleraine Drive will be improved from a two-lane rural roadway with ditches, to a four-lane urban roadway with curb and gutter, storm sewers, multi-use pathways on both sides of the road, and space for transit.

Widening will require property acquisition and have potential impacts to homes, businesses, creek crossings, environmental features and species at risk habitats.

The following widening alternatives were evaluated to arrive at a preferred solution (see next panel for evaluation summary).



Alternative 1 – Widen Evenly on Either Side of Existing Right-of-Way - **PREFERRED**





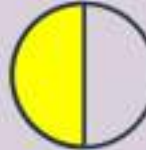

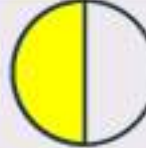












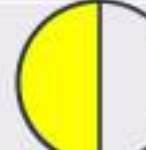
Alternative 2 – Widen to the East of Existing Right-of-Way



Alternative 3 – Widen to the West of Existing Right-of-Way



Coleraine Drive– Evaluation of Alternatives (Roads)

Criteria	Alternative 1 Widen Right-of-Way Evenly to the East and West	Alternative 2 Widen Right-of-Way to the East	Alternative 3 Widen Right-of-Way to the West
Social Environment	 <ul style="list-style-type: none"> Aligns with Master Plan No impact on planned development Would infringe on property where a listed heritage building has been relocated 	 <ul style="list-style-type: none"> Minor variance from Master Plan Planned building and parking layouts within the Industrial Tertiary Plan area to be reconfigured Would infringe on property where a listed heritage building has been relocated 	 <ul style="list-style-type: none"> Minor variance from Master Plan Planned building and parking layouts within the Industrial Tertiary Plan area to be reconfigured Some impacts to three property lines and building fronts
Economic Factors	 <ul style="list-style-type: none"> Moderate property acquisition costs Significant impact on Hydro/Bell infrastructure 	 <ul style="list-style-type: none"> Significant property acquisition costs due to need to acquire a minimum of 1 residential property. Moderate impact on Hydro infrastructure 	 <ul style="list-style-type: none"> Significant property acquisition costs due to need to acquire a minimum of 3 residential properties. Significant impact on Hydro/Bell infrastructure
Natural Environment	 <ul style="list-style-type: none"> Minor impacts on nesting habitats (0.4ha) 	 <ul style="list-style-type: none"> Minor impacts on nesting habitats (0.6ha) 	 <ul style="list-style-type: none"> No impact on identified potential habitats which are all currently located east of Coleraine Drive.
Technical / Engineering			
	<ul style="list-style-type: none"> All three alternatives are evaluated equally for technical compliance 		
Planning Policies	 <ul style="list-style-type: none"> Alternative matches what was presented / assumed in preparation of the Secondary Plan. 	 <ul style="list-style-type: none"> Alternative has minor change from what was presented in the Secondary Plan. 	 <ul style="list-style-type: none"> Alternative has minor change from what was presented in the Secondary Plan.
Summary	 <ul style="list-style-type: none"> Preferred Option Aligns with what was proposed through the Secondary Plan Frontage impacts only to existing residential and commercial properties. 	 <ul style="list-style-type: none"> Impact to property with listed heritage building. Would require acquisition of at least one residential property. Would require reconfiguration of planned industrial development. 	 <ul style="list-style-type: none"> Would require acquisition of at least three residential properties. Would require reconfiguration of planned industrial development.

East-West Arterial Alternative Alignment Options

Alternative 1 – SP47 TMP Alignment- **PREFERRED**



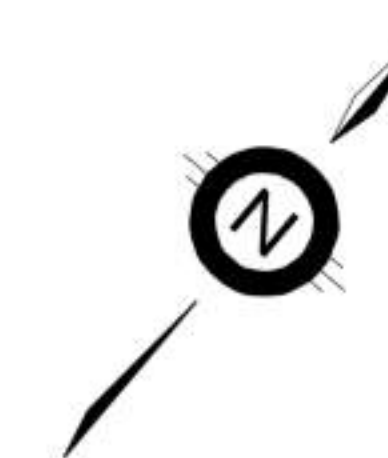
Alternative 2 – Shift to the South of SP47 TMP Alignment




Alternative 3 – Shift to the North of the TransCanada Pipeline



Alternative 4 – Shift One Block North



Approximate location of the TransCanada Pipeline/Enbridge Gas Pipeline 

East-West Arterial – Evaluation of Alternatives

Criteria	Alternative 1 SP 47 TMP Alignment (Blue)	Alternative 2 Shift to the South (Red)	Alternative 3 Shift North of the Pipeline (Yellow)	Alternative 4 Shift One Block North (Green)
Social Environment	<ul style="list-style-type: none"> Requires buyout of one residence, aligns with planned development Limited impact to emergency services No identified archaeological sites Minimal impact to agricultural properties 10 properties affected 	<ul style="list-style-type: none"> Requires buyout of one residence/farm, creates strip of limited development potential Limited impact to emergency services No identified archaeological sites Would segment small section of two agricultural properties 11 properties affected 	<ul style="list-style-type: none"> Requires buyout of two residences and impacts adjacent property Ease of access to four properties impacted during construction Alignment borders a listed heritage property Minimal impacts to agricultural properties 14 properties affected 	<ul style="list-style-type: none"> Requires buyout of three residences/farms; divides planned commercial blocks Ease of access to seven properties impacted during construction No identified archaeological sites Minimal impact to agricultural properties 8 properties affected
Economic Factors	<ul style="list-style-type: none"> May require hydro pole relocation Two new structures required Two signalized intersections, 2400m of roadway required Property acquisition and one residential property required for buyout 	<ul style="list-style-type: none"> May require hydro pole relocation Two new structures required Two signalized intersections, 2400m of roadway required Property acquisition and one residential property required for buyout 	<ul style="list-style-type: none"> May require hydro pole relocation Two new structures required Two signalized intersections, 2400m of roadway required Property acquisition and two residential properties required for buyout 	<ul style="list-style-type: none"> May require hydro pole relocation Two new structures required Two signalized intersections, 2000m of roadway required Property acquisition and three residential properties required for buyout
Natural Environment	<ul style="list-style-type: none"> No designated natural heritage features Requires new crossing of Clarkway Creek Tributary No impact to species at risk (SAR) habitat or groundwater 	<ul style="list-style-type: none"> No designated natural heritage features Requires new crossing of Clarkway Creek Tributary No impact to SAR habitat or groundwater 	<ul style="list-style-type: none"> No designated natural heritage features Requires new crossing of Clarkway Creek Tributary No impact to SAR habitat or groundwater 	<ul style="list-style-type: none"> No designated natural heritage features Requires two new crossings of Clarkway Creek Tributary Alignment borders SAR habitat No impact to groundwater
Technical / Engineering	<ul style="list-style-type: none"> Profile of proposed road to pass through two flood plain areas Provides access to proposed development and additionally capacity for vehicle traffic 	<ul style="list-style-type: none"> Profile of proposed road to pass through two flood plain areas Provides access to proposed development and additionally capacity for vehicle traffic 	<ul style="list-style-type: none"> Profile of proposed road to pass through two flood plain areas Provides access to proposed development and additionally capacity for vehicle traffic 	<ul style="list-style-type: none"> Profile of proposed road to pass through three flood plain areas Provides access to proposed development, but not in line with original developers plan Provides additional capacity for vehicle traffic
Planning Policies	<ul style="list-style-type: none"> In line with both Secondary Plan & SP47 TMP 	<ul style="list-style-type: none"> Generally consistent with both Secondary Plan & SP47 TMP 	<ul style="list-style-type: none"> Generally consistent with both Secondary Plan & SP47 TMP 	<ul style="list-style-type: none"> Varies slightly from what was indicated in SP47 TMP
Summary	<ul style="list-style-type: none"> Preferred option, as it is the option indicated in the SP47 TMP 	<ul style="list-style-type: none"> Similar to Alternative 1, but strip of limited developmental land inconvenient 	<ul style="list-style-type: none"> Similar to Alternative 1, but more properties are affected 	<ul style="list-style-type: none"> Potential impact to SAR habitat and variance from SP47 TMP make this option not preferred



PREFERRED

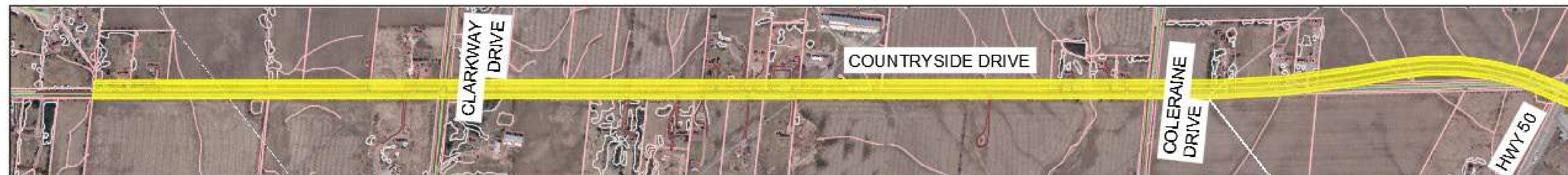


Countryside Drive Alternative Alignment Options

Alternative 1 – Widen Evenly on Either Side of Existing Right-of-Way



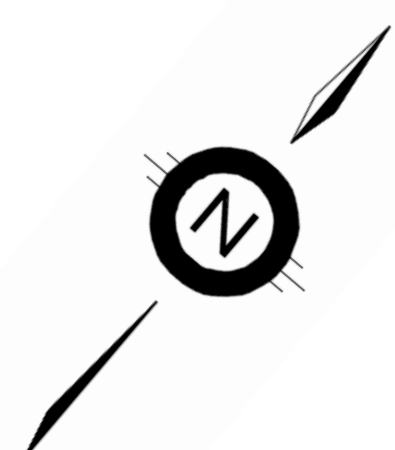
Alternative 2 – Widen to the North of Existing Right-of-Way



Alternative 3 – Widen to the South of Existing Right-of-Way - **PREFERRED**



Alternative 4 – (Widened to the south to east of Clarkway Drive, then to the north to Regional Road 50)



Countryside Drive – Evaluation of Alternatives

Criteria	Alternative 1 Widen about existing centreline (Blue)	Alternative 2 Widen to the North (Yellow)	Alternative 3 Widen to the South (Red)	Alternative 4 Winding Alignment (Green)
Social Environment	<ul style="list-style-type: none"> Requires buyout of zero properties, and fourteen residences will be significantly impacted Would pass through designated and listed heritage properties 30 properties affected 	<ul style="list-style-type: none"> Requires buyout of two properties, and ten residences will be significantly impacted Would pass through designated heritage property 23 properties affected 	<ul style="list-style-type: none"> Requires buyout of zero properties, and five residences will be significantly impacted Would pass through designated and built heritage property and listed built heritage property 12 properties affected 	<ul style="list-style-type: none"> Requires buyout of one property, and thirteen residences will be significantly impacted 23 properties affected
Economic Factors	<ul style="list-style-type: none"> Requires relocation of all overhead utilities Watermain may require relocation 	<ul style="list-style-type: none"> Requires relocation of some overhead utilities Some Bell pedestal boxes will require relocation Requires relocation of watermain 	<ul style="list-style-type: none"> Requires relocation of some overhead utilities Some Bell pedestal boxes will require relocation Watermain may require relocation 	<ul style="list-style-type: none"> Requires relocation of some overhead utilities All Bell pedestal boxes will require relocation
Natural Environment	<ul style="list-style-type: none"> Would infringe on very small area of three species at risk (SAR) habitats Infringes on additional nameless tributary connected to Robinson Creek Tributary 	<ul style="list-style-type: none"> Would infringe on small area of one SAR habitat Avoids infringing on nameless tributary connected to Robinson Creek Tributary 	<ul style="list-style-type: none"> Would infringe on small area of two SAR habitats Infringes on additional nameless tributary connected to Robinson Creek Tributary 	<ul style="list-style-type: none"> Would infringe on small area of one SAR habitat Avoids infringing on nameless tributary connected to Robinson Creek Tributary
Technical / Engineering	<ul style="list-style-type: none"> Right of way (ROW) moved closer to Clarkway Creek, an existing pond, and private property. Requires replacement of guardrail Active transportation facilities moved closer to roadway, reducing space between vehicles and pedestrians Potential impact to providing transit platforms Approx. 100m of Clarkway Creek will require relocation, extending 8m into planned natural heritage systems (NHS) 	<ul style="list-style-type: none"> Requires replacement of existing guardrail Active transportation facilities moved closer to roadway, reducing space between vehicles and pedestrians Potential impact to providing transit platforms Approximately 100m of Clarkway Creek will require relocation, no impact to planned NHS 	<ul style="list-style-type: none"> Requires replacement of existing guardrail, additional guardrails may be required Active transportation facilities to be provided Approximately 40m of Clarkway Creek will require relocation; ROW to extend 16m into planned NHS 	<ul style="list-style-type: none"> Requires replacement of existing guardrail Active transportation facilities to be provided Approximately 40m of Clarkway Creek will require relocation, no impact to planned NHS
Planning Policies	<ul style="list-style-type: none"> Primarily matches assumptions regarding ROW widening adjacent to Block 47-2 and proposed developments 	<ul style="list-style-type: none"> Located 7m north of where the Block 47-2 and proposed developments assumed the future ROW would be located 	<ul style="list-style-type: none"> Future ROW located 9m south of Block 47-2 and proposed developments assumption Would have impacts on developable properties within Block 47-2 and would reduce available parking for proposed developments 	<ul style="list-style-type: none"> Would have impacts on number of developable properties within Block 47-2 Would provide additional developable land
Summary	<ul style="list-style-type: none"> Similar to Alternative 3, but larger impact to existing properties 	<ul style="list-style-type: none"> Similar to Alternative 3, but more impact to Clarkway Creek and existing properties 	<ul style="list-style-type: none"> Preferred option, as there is less impact to existing properties 	<ul style="list-style-type: none"> Not preferred due to impacts to potential development and existing properties



PREFERRED

Countryside Drive and Hwy 50 Alternatives Alignment Options

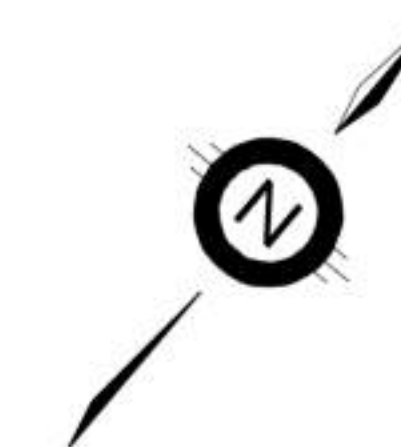
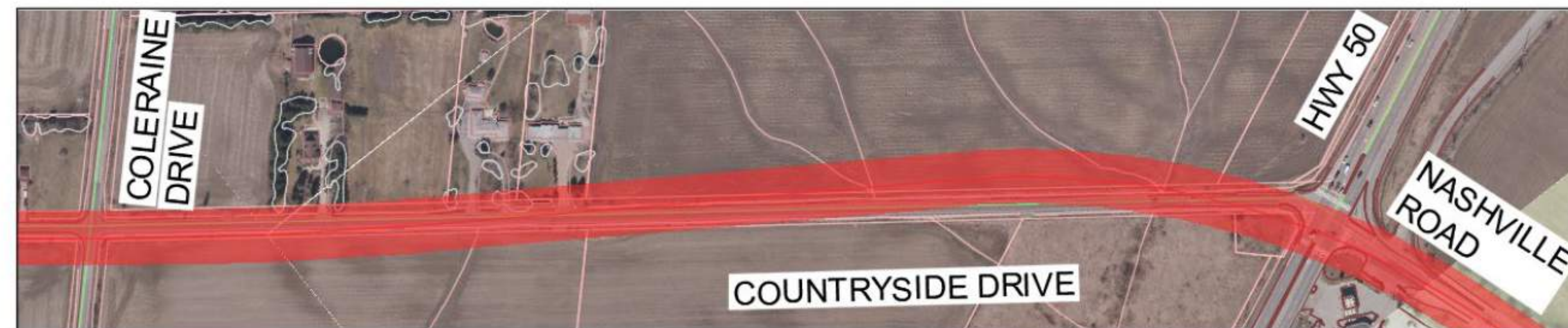
Alternative 1 – Shift North with Standard Tangent



Alternative 2 – Shortened Tangent



Alternative 3 – Curve Through Intersection - **PREFERRED**



Alternative 4 – Shift South with Shortened Tangent



Countryside Drive and Hwy 50 – Evaluation of Alternatives

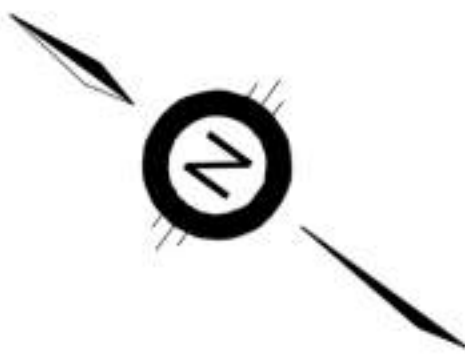
Criteria	Alternative 1 Shift North with Standard Tangent (Blue)	Alternative 2 Shortened Tangent (Yellow)	Alternative 3 Curve Through Intersection (Red)	Alternative 4 Shift South with Shortened Tangent (Green)
Social Environment	<ul style="list-style-type: none"> Would pass through eleven properties, with significant segmentation of five properties Requires buyout of six properties Would avoid passing through a listed heritage property Would infringe on small section of Esso Gas Station parking, causing potential relocation of pumps and parking 	<ul style="list-style-type: none"> Would pass through four properties, with segments of one property Requires buyout of zero properties Would avoid passing through a listed heritage property Would infringe on small section of Esso Gas Station parking, causing potential relocation of pumps and parking 	<ul style="list-style-type: none"> Would pass through four properties, with no segmentation of any properties Requires buyout of zero properties Would avoid passing through a listed heritage property Would infringe on small section of Esso Gas Station parking, causing potential relocation of pumps and parking 	<ul style="list-style-type: none"> Would pass through five properties, with segmentation of one property Requires buyout of one property Would pass through a small area of a listed heritage property Removal/relocation of Esso Gas Station building, pumps, and parking required
Economic Factors	<ul style="list-style-type: none"> Would require relocation of very small section of overhead pole line on north side of Countryside Drive Small section of gas line would require relocation where Countryside Drive intersects Coleraine Drive 	<ul style="list-style-type: none"> Would require relocation of 300m of hydro line on south side of road Would remove connecting hydro line to two houses 	<ul style="list-style-type: none"> Would require relocation of 200m of hydro line on south side of road Would remove connecting hydro line to two houses 	<ul style="list-style-type: none"> Would require relocation of 180m of hydro line on south side of Countryside and west side of Regional Road 50
Natural Environment	<ul style="list-style-type: none"> Would pass through large area of Bobolink habitat 	<ul style="list-style-type: none"> Would infringe/border on small area of Bobolink habitat 	<ul style="list-style-type: none"> Would infringe/border on small area of Bobolink habitat 	<ul style="list-style-type: none"> Would infringe/border on small area of Bobolink habitat
Technical / Engineering	<ul style="list-style-type: none"> Would require three crossings of Robinson Creek Tributary Alignment greatly reduces skew of Countryside Drive at Hwy 50 intersection, improving safety 	<ul style="list-style-type: none"> Would require two crossings of Robinson Creek Tributary Alignment reduces skew of Countryside Drive at Hwy 50 intersection, improving safety 	<ul style="list-style-type: none"> Would require two crossings of Robinson Creek Tributary Alignment reduces skew of Countryside Drive at Hwy 50 intersection, improving safety 	<ul style="list-style-type: none"> Would require one crossing of Robinson Creek Tributary Alignment reduces skew of Countryside Drive at Hwy 50 intersection, improving safety
Summary	<ul style="list-style-type: none"> Not preferred, due to significant impact to properties 	<ul style="list-style-type: none"> Not preferred, due to potential of shifting Robinson Creek 	<ul style="list-style-type: none"> Preferred options, as there is minimal impact to existing properties 	<ul style="list-style-type: none"> Not preferred, due to impact of Esso Gas Station



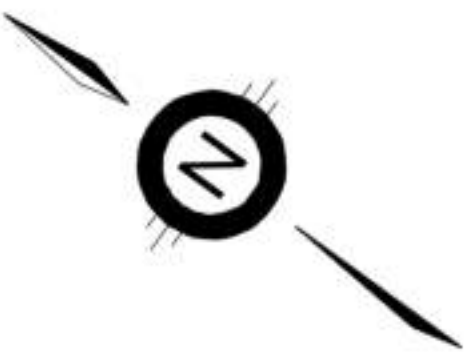
PREFERRED

Clarkway Drive Alternative Alignment Options

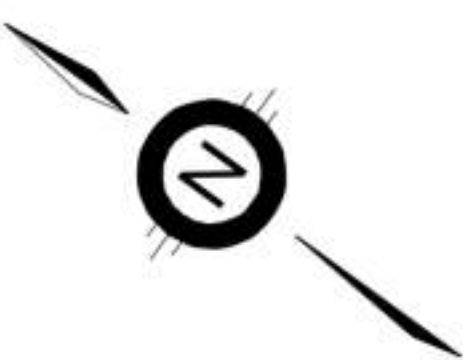
Alternative 1 – Widen Evenly on Either Side of Existing Right-of-Way - **PREFERRED**



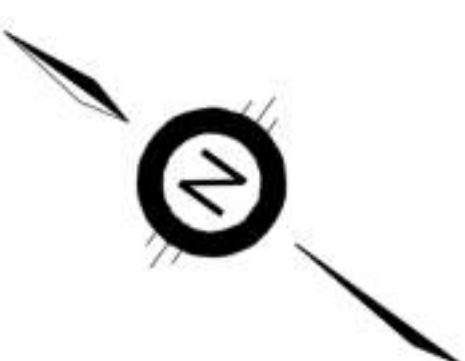
Alternative 2 – Widen to the East of Existing Right-of-Way



Alternative 3 – Widen to the West of Existing Right-of-Way



Alternative 4 – Winding Alignment



Clarkway Drive – Evaluation of Alternatives

Criteria	Alternative 1 Widen About Existing Centreline (Blue)	Alternative 2 Widen to the West (Red)	Alternative 3 Widen to the East (Yellow)	Alternative 4 Winding Alignment (Green)
Social Environment	<ul style="list-style-type: none"> Requires buyout of one property, three residential properties require bridges over Clarkway Creek for access Some impact to heritage properties anticipated 36 properties affected 	<ul style="list-style-type: none"> Requires buyout of one property, three residential properties require bridges over Clarkway Creek for access Limited impact to heritage properties anticipated 35 properties affected 	<ul style="list-style-type: none"> Required buyout of one property, parking at one property will require reconfiguration Some impact to heritage properties anticipated 33 properties affected 	<ul style="list-style-type: none"> Requires buyout of seven properties Limited impact to heritage properties anticipated 36 properties affected
Economic Factors	<ul style="list-style-type: none"> Extensive watermain, sanitary sewer, hydro, and bell relocation required 	<ul style="list-style-type: none"> Extensive watermain, sanitary sewer, hydro, and bell relocation required 	<ul style="list-style-type: none"> Extensive watermain, sanitary sewer, hydro, and bell relocation required 	<ul style="list-style-type: none"> Extensive watermain, sanitary sewer, and bell relocation required, moderate hydro relocation required
Natural Environment	<ul style="list-style-type: none"> Would infringe on five species at risk (SAR) habitat areas Moderate impact to aquatic features anticipated 	<ul style="list-style-type: none"> Would infringe on five SAR habitat areas Moderate impact to aquatic features anticipated 	<ul style="list-style-type: none"> Would infringe on five SAR habitat areas Significant impact to aquatic features anticipated 	<ul style="list-style-type: none"> Would infringe on five SAR habitat areas Limited impact to aquatic features anticipated
Technical / Engineering	<ul style="list-style-type: none"> Additional guardrail required; Intersection realignment required at Mayfield Road 	<ul style="list-style-type: none"> Additional guiderail required; Intersection realignment required at Mayfield Road 	<ul style="list-style-type: none"> Intersection realignments required at Mayfield Road and Castlemore Road 	<ul style="list-style-type: none"> Intersection realignment required at Mayfield Road and Castlemore Road
Planning Policies	<ul style="list-style-type: none"> Alignment improvements at Mayfield Road result in impacts to planned mixed-use commercial development Remainder of alignments in-line with Block Plans 	<ul style="list-style-type: none"> Alignment improvements at Mayfield Road result in impacts to planned mixed-use commercial development Remainder of alignments further west than assumed in Block Plans 	<ul style="list-style-type: none"> Alignment improvements at Mayfield Road result in impacts to planned mixed-use commercial development Remainder of alignments further east than assumed in Block Plans Edge impacts to community park and secondary school 	<ul style="list-style-type: none"> Alignment improvements at Mayfield Road result in impacts to planned mixed-use commercial development Remainder of alignments require extensive modifications to Block Plans Edge impacts to community park and secondary school
Summary	<ul style="list-style-type: none"> Preferred option, as it is more in-line with Block Plans 	<ul style="list-style-type: none"> Similar to Alternative 1, but not in-line with Block Plans 	<ul style="list-style-type: none"> Similar to Alternative 1, but not in-line with Block Plans 	<ul style="list-style-type: none"> Required excessive property buyouts, making this option not preferred

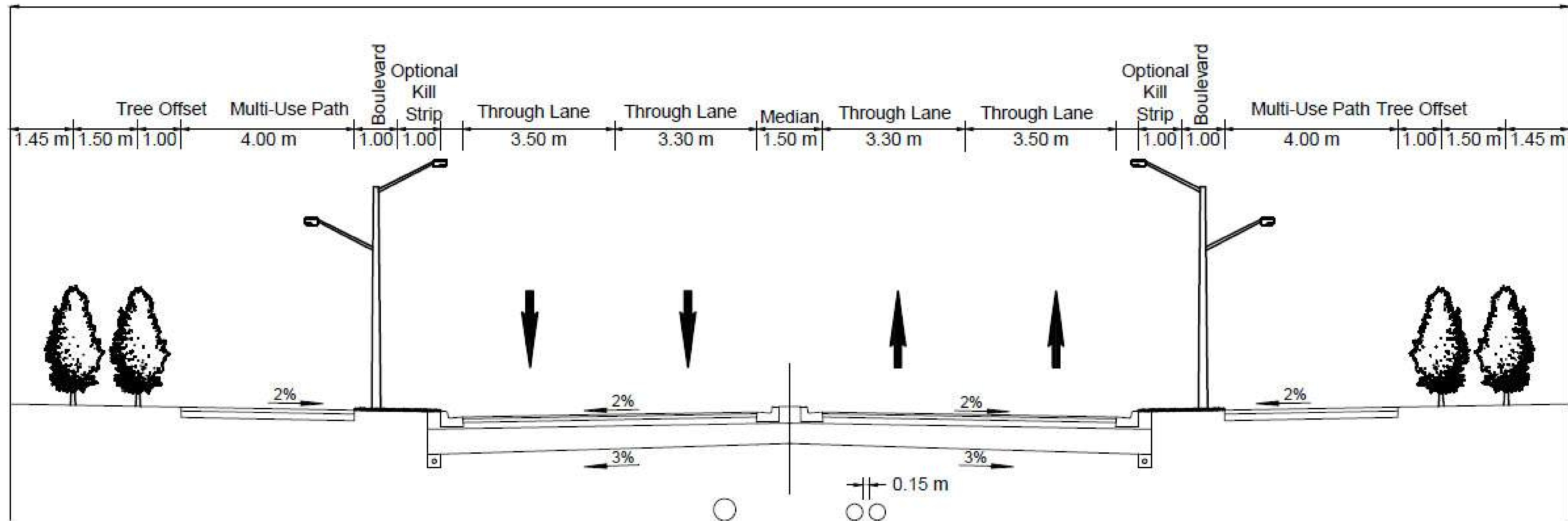


PREFERRED



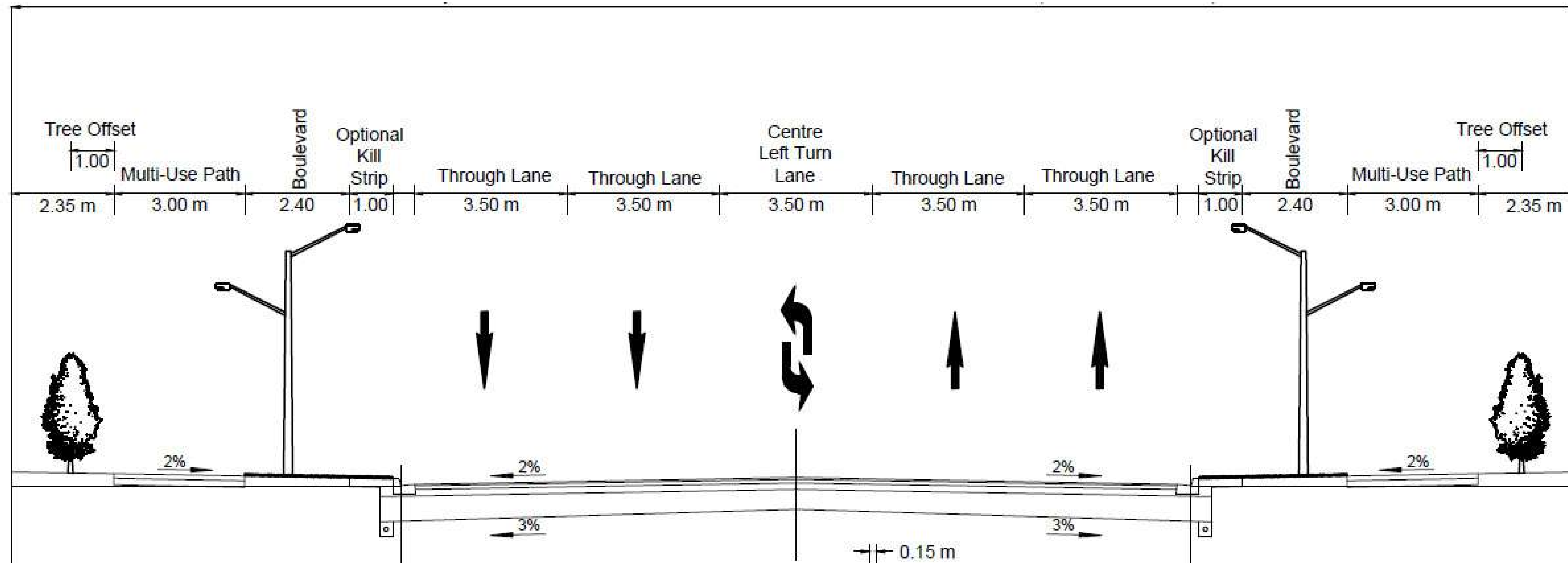
Preliminary Cross Sections – East-West Arterial

East-West Arterial (36.0 m ROW)

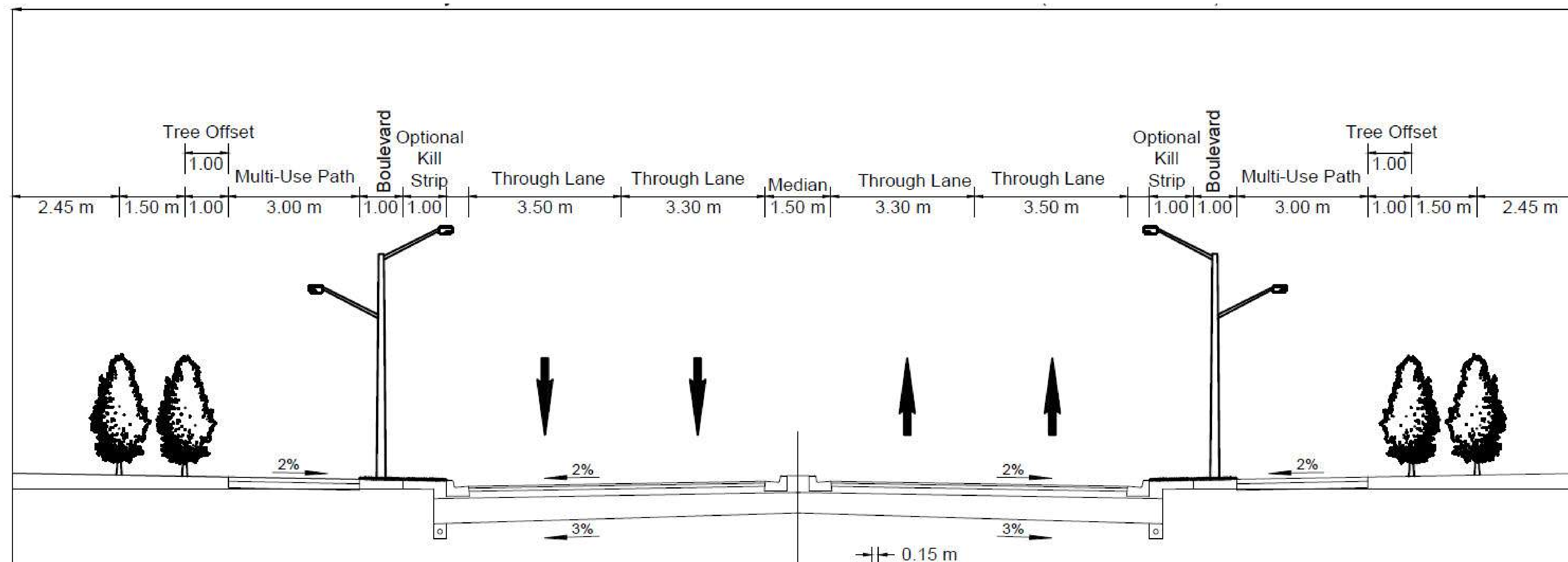


Preliminary Cross Sections – Countryside Drive

Section 1: Countryside Drive: East of Arterial A2 (36.0 m ROW)

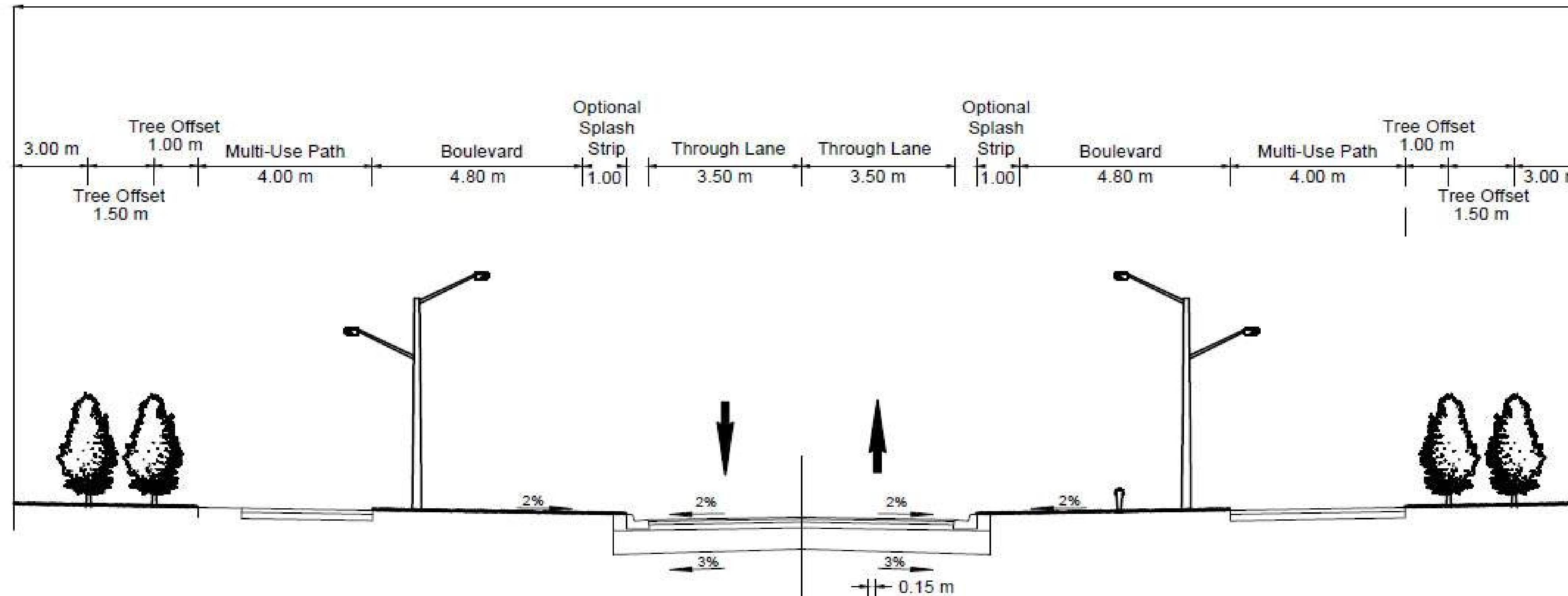


Section 2: Countryside Drive: West of Arterial A2 (36.0 m ROW)

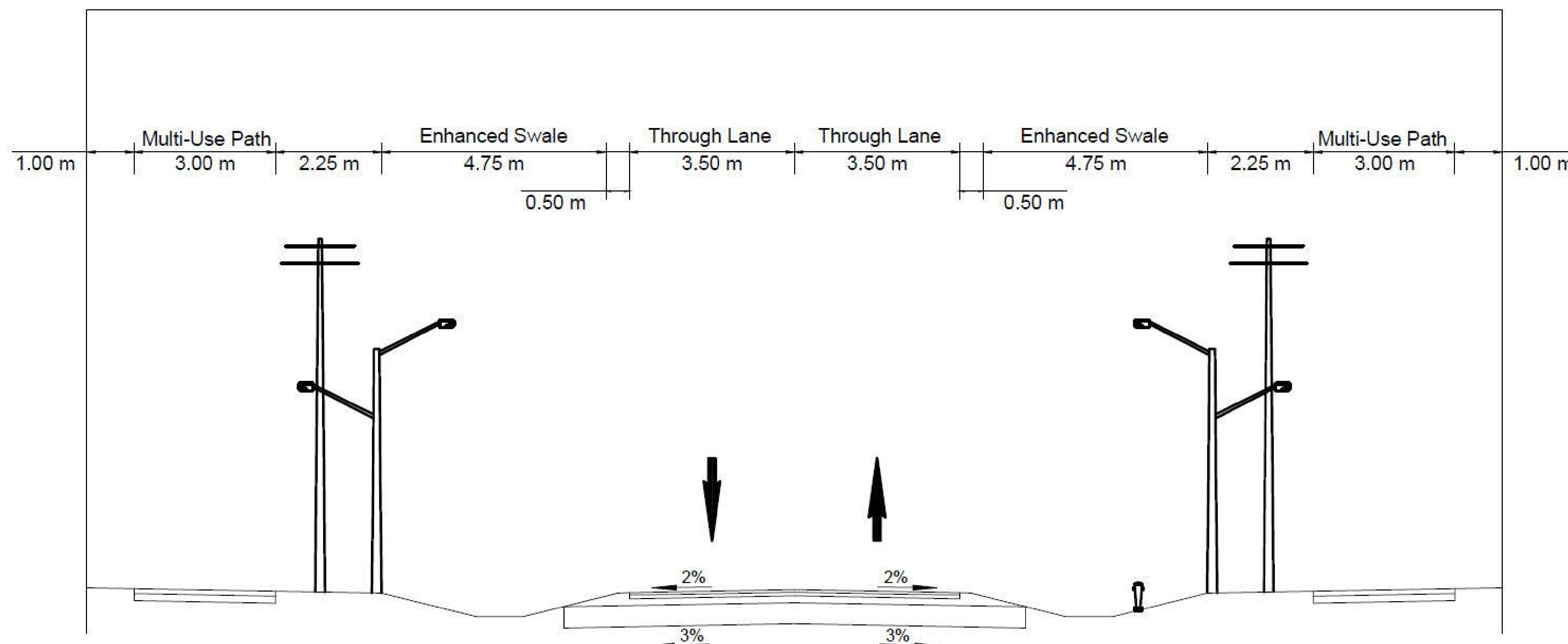


Preliminary Cross Sections – Clarkway Drive

Section 1: Clarkway Drive: Mayfield Road to Countryside Drive (36.0 m ROW)

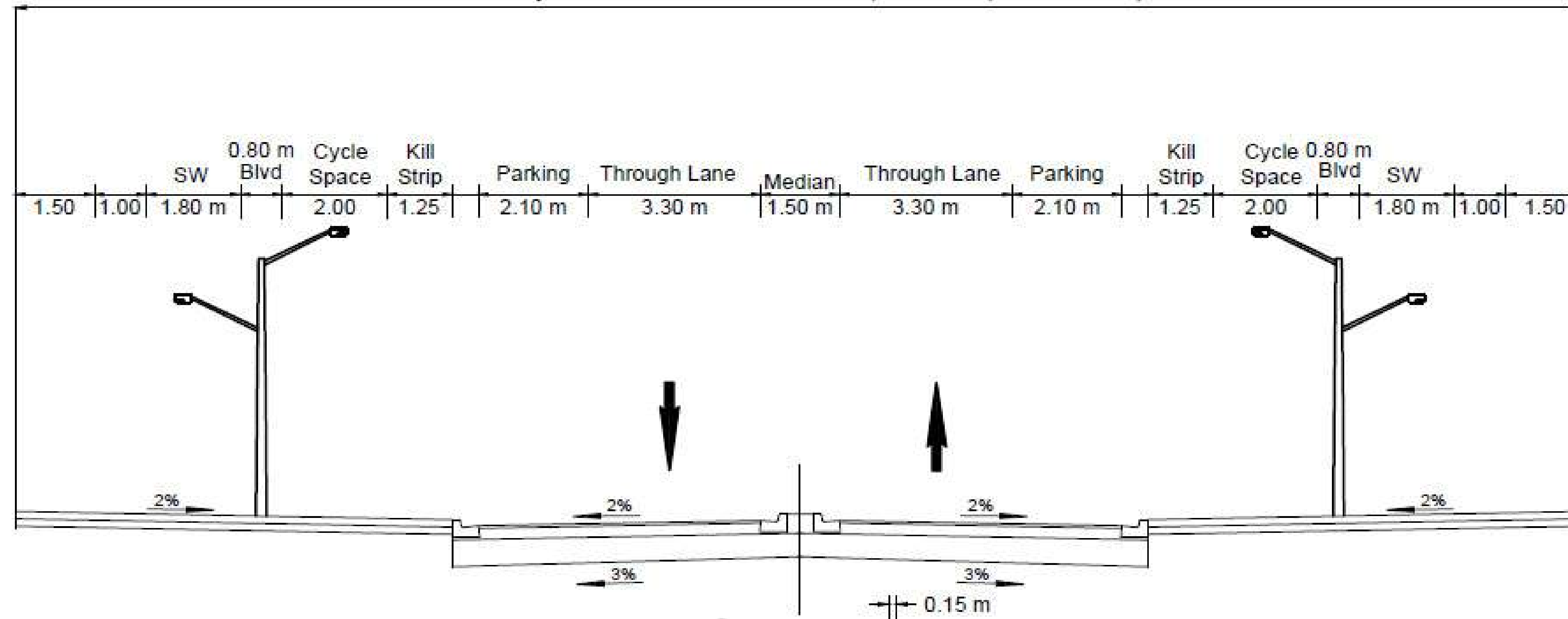


Section 2: Clarkway Drive: Countryside Drive to East-West Arterial (30.0 m ROW)

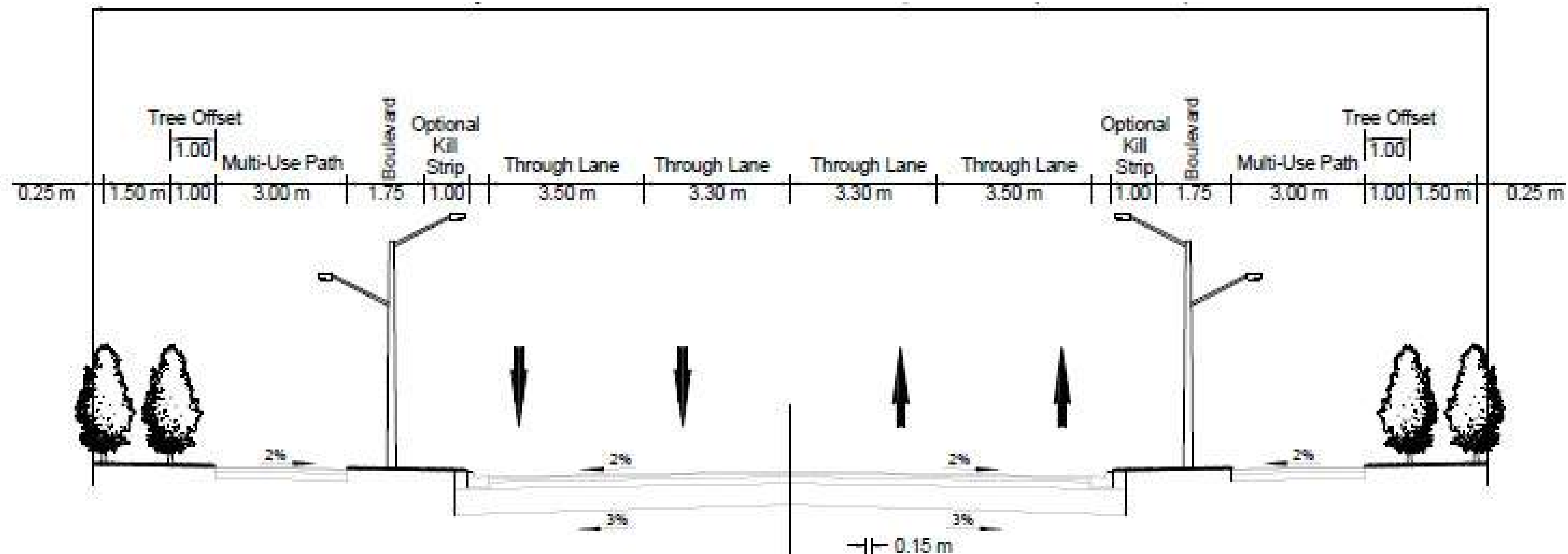


Preliminary Cross Sections – Clarkway Drive

Section 3: Clarkway Drive: E-W Arterial to Collector Road 'C' (30.0 m ROW)



Section 4: Clarkway Drive: Collector Road 'C' to Castlemore Road (31.5 m ROW)



Shams, Aniq

From: Nejatian, Soheil <Soheil.Nejatian@brampton.ca>
Sent: Wednesday, February 16, 2022 4:24 PM
To: Janice Williams
Cc: Shams, Aniq; Kelly, Mary K; Bubas, Sonya; Mohammad, Ghazanfar; Maher, Trina; Todd Williams; Tracey General; Brian Doolittle; Aaron Detlor; Kahsenniyo Williams; Parajuli, Bishnu
Subject: RE: [EXTERNAL]Fwd: City of Brampton and Region of Peel - SP47 Class EAs: Project Update
Attachments: TP115086_SP47_HDI_Meeting Summary-02-11-2022.pdf

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

Hi Raechelle,

Thank you for taking the time to meet with the project team. Please see attached the meeting minutes and kindly advise of any omissions.

The City is committed to work with HDI on this new application process for any future projects. As the SP47EA Study is near completion, due to an existing agreement already in place, it's recommended to continue and complete the EA process under the current agreement. Our commitment will be documented in the Environmental Study Report that will be made available to you upon completion. For any cost associated with reviewing the relevant reports, it can be compensated through the existing agreement. Kindly provide a list of reports HDI is interested in reviewing along with the fees.

The City will be reaching out to HDI during detailed design for their engagement and participation as the project advances. In the meantime, as discussed in the meeting, if you would like to visit the site from within the road right-of-way, we're are happy to arrange that prior to the completion of the EA.

Please let us know if this acceptable.

Due to the file size of the MESP, please use the link below to obtain access to the latest version:

https://bramptonca-my.sharepoint.com/:f/g/personal/soheil_nejatian_brampton_ca/Ev09InUg28RIn3f1JZEFPBsBioUuHc6m70twlsjx_9UMxA?e=QPeoXG

Thanks,

Soheil Nejatian

Project Engineer, Infrastructure Planning
Public Works & Engineering, City of Brampton
T: 905.874.5909

From: Janice Williams <janicewilliams@hdi.land>
Sent: 2022/02/08 2:24 PM
To: Nejatian, Soheil <Soheil.Nejatian@brampton.ca>
Cc: Shams, Aniq <aniqa.shams@woodplc.com>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Bubas, Sonya

<sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; Maher, Trina <trina.maher@woodplc.com>; Todd Williams <[REDACTED]>; Tracey General <[REDACTED]>; Brian Doolittle <ganowa@me.com>; [REDACTED] Kahsenniyo Williams

Subject: [EXTERNAL]Fwd: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Caution: This email originated from outside the organization. Do not click links or open attachments that you do not trust or are not expecting.

Sge:no/Hello Soheil,

Following up with our discussion yesterday, I know I mentioned the HDI application and fee process to compensate our time.

HDI application is for engagement and consideration to allow our team to do initial review of the project and to obtain consent (which is required of this project). We ask for the following items to review:

- 4 hardcopies of the application form.
- 1 hard copy of all reports and plans.
- 1 digital copy of the application form along with all reports and plans. This link can be provided to myself or Aaron Detlor
- Application fee can mailed and addressed to the Haudenosaunee Development Institute.

You are able to access HDI Application on the link below:

[Development - Haudenosaunee Confederacy](#)

Click on the PDF file download and complete. Once this is complete please mail off to:

Haudenosaunee Development Institute

16 Sunrise Court - Suite 600

P.O.Box 714

Ohswéken, Ontario

N0A 1M0

Nya;weh/Thank-you,

Raechelle Williams

HDI Environmental Supervisor

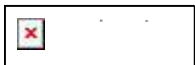
Haudenosaunee Development Institute

16 Sunrise Court, Suite 600 Ohswéken, ON

P.O. Box 714

Ph: 519-445-4222

(Direct): 519-802-9402



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

From: **Shams, Aniq** <aniqa.shams@woodplc.com>

Date: Mon, Feb 7, 2022 at 6:10 AM

Subject: RE: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Meeting Summary

Date: February 7, 2022, 10:00 am – 10:45 am

Meeting at: Microsoft Teams

Ref: Arterial Roads Within Highway 427 Industrial Secondary Plan (Area 47) – Meeting with Meeting with Haudenosaunee Development Institute (HDI)

Subject/purpose:

The City of Brampton (City) and Region of Peel (Region) held a meeting to provide an update on the Area 47 Project in Brampton, ON and discuss HDI's interests in future phases.

Meeting presentation was provided by email to participants on February 7, 2022 and used during the meeting.

File name: TP115086_SP47_HDI Meeting

Attendees:

**Haudenosaunee
Development Institute:**
Raechelle Williams

City of Brampton:
Soheil Nejatian
Ghazanfar Mohammad
Bishnu Parajuli

Region of Peel:
Sonya Bubas

Wood:
Muhammad Khan
Trina Maher
Aniqa Shams

1. INTRODUCTIONS

Wood opened the meeting and the City facilitated a round of introductions. Wood and the City thanked HDI for attending this meeting to continue the dialogue regarding the Project.

2. AGENDA (SLIDE 3)

Wood provided an overview of the agenda and explained that the meeting presentation was developed as a guide to help facilitate the discussion points throughout the meeting. Wood explained that there are a number of additional slides at the end of the presentation, which will be reviewed if specific questions are asked about the design. Wood encouraged HDI to review those slides separately and contact the Project Team (City, Region and Wood) if they have any further questions.

There were no additions to the agenda requested by HDI.

3. STUDY AREA AND STRUCTURE (SLIDE 4)

Wood explained that the study area is currently rural in nature and is expected to incur significant amount of development in the future. The Study is located in the City of Brampton and is divided in Part A and Part B roadways. Part A roads will be owned and operated by the Region of Peel and consists of Arterial A2 and Coleraine Drive. Part B roads will be owned and operated by the City of Brampton and consists of Countryside Drive, Clarkway Drive and East-West Arterial.

There were no comments or questions received from HDI on this topic.

4. ENVIRONMENTAL ASSESSMENT PROBLEM AND OPPORTUNITY STATEMENT (SLIDE 5)

Wood provided a summary of the Project's identified problems and opportunities statements that will be addressed through the current Municipal Class Environmental Assessment Study:

- Provide enhanced inter-regional connectivity
- Provide access to proposed development
- Address anticipated traffic capacity issues resulting from extension of Highway 427 to Major Mackenzie Drive, as well as development of the study area
- Improve roadway geometrics to meet or exceed City and Regional standards
- Provide transit, pedestrian and cycling facilities
- Improve traffic, pedestrian and cyclist safety
- Improve intersection safety and operations
- Design watercourse crossings to enhance hydraulics, stream function and fisheries and wildlife passage
- Address structural deficiencies
- Improve pavement conditions
- Provide a mosaic of safe, integrated transportation choices and new modes
- Support civic sustainability, emphasizing walking, cycling, and transit.

There were no comments or questions received from HDI on this topic.

5. ENVIRONMENTAL ASSESSMENT PROCESS (SLIDE 6)

Wood summarized the Study is currently being completed as two separate Municipal Class Environmental Assessments. Phase 1 and 2 were satisfied through the City of Brampton Secondary Plan Area 47 Transportation Master Plan. The current Study includes Phase 3 and 4 and will be completed for both Part A and Part B roadways. The Study was initiated in 2015, with the first Public Information Centre (PIC) for Part A and Part B held in November 2016. The second PIC for Part A was held in November 2019 and the second PIC for Part B will be held in the coming months. Once consultation is complete, the next phase will be to prepare the Environmental Study Report.

There were no comments or questions received from HDI on this topic.

6. PROJECT TIMELINES (SLIDE 7)

Wood summarized the Studies began at the same time, however Part A progressed faster than Part B and as such, the Environmental Study Report will be available for review and comment earlier than Part B. Wood identified that there were several constraints and issues that were encountered, which resulted in significant project delays.

There were no comments or questions received from HDI on this topic.

7. COMPLETED TECHNICAL STUDIES (SLIDE 8)

Wood summarized the Stage 1 Archaeology Study identified that a Stage 2 Archaeological Assessment will be required, and this will be completed during the detailed design phase. A Built and Cultural Heritage Study identified some direct and indirect impacts are anticipated to properties and as such, a number of mitigation measures and recommendations are suggested for detailed design and construction.

There were no comments or questions received from HDI on this topic.

8. COMPLETED TECHNICAL STUDIES (SLIDE 9)

Wood summarized that the Transportation Safety Assessment identified safety concerns along the roadway and potential measures to improve safety. A Traffic Operations Study identified the need for the widening and construction of new roadways. Wood also explained that the Traffic Operations Study considers the Master Environmental Servicing Plan (MESP) and Addendum, helps guide the development of the SPA47 Secondary Plan area (bounded by Mayfield Road to the north, Castlemore Road to the south, Highway 50 to the east and the Gore Road to the west. Further information can be found here - <https://www.brampton.ca/EN/Business/planning-development/policies-master-plans/Pages/Secondary-Plans-List.aspx>) and creek re-alignments.

8.1 Question Wood to HDI: Wood asked HDI if they are interested in reviewing the MESP Addendum document.

HDI responded to confirm interest in reviewing this document.

As a follow up to the meeting – Wood has attached the MESP Addendum to this meeting summary.

9. COMPLETED TECHNICAL STUDIES (SLIDE 10)

Wood summarized a Fluvial Geomorphology Assessment identified watercourse crossings have been highly impacted by agricultural land practices and recommended channel realignment. The Contamination Overview Study identified several properties on or near the road that may be sources of soil and groundwater contamination and may affect construction. As a result, several recommendations are provided for consideration during detailed design and construction.

There were no comments or questions received from HDI on this topic.

10. ONGOING AND COMPLETED TECHNICAL STUDIES (SLIDE 10)

Wood summarized the Natural Environment Reports, specifically Terrestrial and Aquatic studies are completed and identified species at risk in the area and tributaries that have unstable flow regimes with limited canopy cover. As such, the report recommended several mitigation measures and enhancement opportunities. Wood stated the Stormwater Management Assessment is ongoing, and this report will be provided to HDI, along with the Environmental Study Report, for review and comment.

10.1 Question HDI to Wood: HDI asked if fieldwork was complete?

Wood responded that the Stormwater Management Assessment did not require fieldwork and stated that the Natural Environment Report fieldwork study activities have been completed.

11. ONGOING TECHNICAL STUDIES (SLIDE 11)

Wood summarized that the Geotechnical and Hydrogeological investigations are ongoing, and these reports will be provided for review to HDI with the Environmental Study Report. Wood also stated the Noise Study is also ongoing and preliminary results note the need for noise barriers along certain locations.

12. PART A DESIGN – REGION OF PEEL ROADWAYS (SLIDE 13 AND 14)

Wood summarized the rationale for the preliminary preferred alternative for Arterial A2 and Coleraine Drive.

12.1 Comment and Question HDI to Project Team – HDI noted that in earlier correspondence dated December 16, 2021, there was an offer for HDI to visit the study area and do a tour. HDI inquired if this was still offer was still available and if a site tour was still possible as part of the current 'ongoing' studies. (This comment was also noted to include reference to point 11 – regarding the Geotechnical and Hydrogeological investigations)

Wood responded noting that access is only available from the right-of-way, as permission to enters are required the lands beyond the right-of-way. The City noted that a site visit may be more useful during detailed design.

13. CONNECTION TO GTA WEST (SLIDE 15)

Wood summarized the Study Area intersects with the GTA West alignment corridor, and the Project Team has been consulting with MTO regularly.

There were no comments or questions received from HDI on this topic.

14. PART B DESIGN – CITY OF BRAMPTON ROADWAYS (SLIDE 16, 17 AND 18)

Wood summarized the rationale for the preliminary preferred alternative for Arterial A2 and Coleraine Drive.

There were no comments or questions received from HDI on this topic.

15. NEXT STEPS (SLIDE 19)

Wood provided an overview of the next steps in both Part A and Part B of the Studies. There will be an upcoming PIC planned for Part B in the spring of 2022, with filing of the Environmental Study Report anticipated for summer/fall 2022. Part A is anticipated to be filed by spring 2022.

The City provided an overview of the construction timeline of the roadways:

- Clarkway Drive (west) and Countryside Drive: 2024
- Clarkway Drive (east): 2026

15.1 Comment City to HDI: The City also noted that these timelines are optimistic. The Detailed Design process is anticipated to begin two years prior to construction. The City will commit to consulting with HDI during future stages and this commitment will be stated in the Environmental Study Report.

15.2 Question HDI to Project Team: HDI asked if the City is willing to compensate HDI staff for their time to review the required reports. HDI stated they have an application for this process and would provide Wood with the information.

Following the meeting, HDI provided their Application for Consideration and Engagement for Development to Wood on February 8, 2022.

The City understood the time associate with reviewing technical reports, and asked HDI for the application. The City also asked HDI if they can confirm which reports they are interested to review.

Reports:

- Environmental Study Report
- Stage 1 Archaeological Assessment
- Built and Cultural Heritage Study
- Safety Assessment
- Traffic Study
- Fluvial Geomorphology
- Contamination Overview Study
- Natural Environment Study
- Stormwater Management Study
- Geotechnical Study
- Hydrogeological Study
- Noise Study
- Preliminary Design (Cross-Sections, roll plans etc.)

The City also noted an earlier agreement was signed between Amec Foster Wheeler and HDI in 2017, and asked if a new agreement is required with Wood. The City noted that a new agreement is not required, however for the detailed design and construction phases, a separate agreement can be discussed at that time directly with the City and Region.

16. MEETING WRAP-UP (SLIDE 20)

Wood provided summary of the next steps to document engagement and the interest of HDI to participate in the detailed design and construction and stated that the content from the email of January 7, 2022 would also be noted – specifically that HDI would like to engage in the following:

- Minimal weekly inspection visits to observe erosion and sediment control measures
- Vegetation removal
- Work near watercourses
- Wildlife sweeps

A copy of the email from HDI with the above noted requests is attached to these meeting summary notes.

Wood identified that a meeting summary will be prepared and shared back for review and validation.

CLOSING COMMENTS:

The City, Region and Wood thanked the HDI for attending the meeting and for the discussion. HDI thanked the meeting participants as well and stated it was good that everyone could ‘come together as one mind’ to discuss this project.

ACTIONS:

1. Wood provided the MESP Report, with the meeting summary (Comment 8.1).
2. City to review and address the Haudenosaunee Development Institute Application for Consideration and Engagement for Development, provided by HDI (Comment 15.2).



3. HDI to identify which reports they are interested in reviewing and provide a list to Wood (Comment 15.2).
4. Project Team to include the commitment in the Environmental Study Report to consult with HDI during detailed design and construction (Section 16).
5. Wood to provide HDI with a copy of the draft meeting summary for feedback and validation (Section 16).

Shams, Aniq

From: Janice Williams <janicewilliams@hdi.land>
Sent: Tuesday, February 22, 2022 7:25 PM
To: Nejatian, Soheil
Cc: Shams, Aniq; Kelly, Mary K; Bubas, Sonya; Mohammad, Ghazanfar; Maher, Trina; Todd Williams; Tracey General; Brian Doolittle; Aaron Detlor; Kahsenniyo Williams; Parajuli, Bishnu
Subject: Re: [EXTERNAL]Fwd: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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

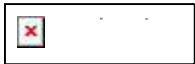
Sge:no/Hello Soheil,

Nya:weh/thanks for forwarding the meeting minutes. Understanding this project has already placed an agreement with HDI, we will continue to use this agreement to compensate for our time on our initial review of the project and review the final EA report. I will review the attached documents provided on the MESP and once Wood has finalized the EA report this will be reviewed as well. Theses hours of initial review will be submitted to the city of Brampton.

Look forward to hearing back from you during the detailed design and construction process to involve HDI participation.

And upcoming future projects, please follow HDI application process.

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600 Ohsweken, ON
P.O. Box 714
Ph: 519-445-4222
(Direct): 519-802-9402



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On Wed, Feb 16, 2022 at 1:23 PM Nejatian, Soheil <Soheil.Nejatian@brampton.ca> wrote:

Hi Raechelle,

Thank you for taking the time to meet with the project team. Please see attached the meeting minutes and kindly advise of any omissions.

The City is committed to work with HDI on this new application process for any future projects. As the SP47EA Study is near completion, due to an existing agreement already in place, it's recommended to continue and complete the EA

Shams, Aniq

From: Aaron Detlor [REDACTED]
Sent: Thursday, February 24, 2022 9:17 AM
To: Janice Williams; Nejatian, Soheil
Cc: Aaron Detlor; Shams, Aniq; Kelly, Mary K; Bubas, Sonya; Mohammad, Ghazanfar; Maher, Trina; [REDACTED]; Tracey General; Brian Doolittle; Kahsenniyo Williams; Parajuli, Bishnu
Subject: Re: [EXTERNAL]Fwd: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

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

Dear Soheil Nejatian

Please provide me with a copy of the contract upon which you are relying because the contracts that we have to date do not include our participation in MCEAs and we are very specific with respect to our agreements for monitoring not being used as part of the engagement process required by the MCEA.

<https://municipalclassea.ca/files/Companion%20Guide%20rev%2002%20December%20%202018.pdf>

Regards,

Aaron Detlor

On Feb 22, 2022, at 7:25 PM, Janice Williams <janicewilliams@hdi.land> wrote:

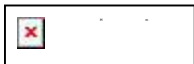
Sge:no/Hello Soheil,

Nya:weh/thanks for forwarding the meeting minutes. Understanding this project has already placed an agreement with HDI, we will continue to use this agreement to compensate for our time on our initial review of the project and review the final EA report. I will review the attached documents provided on the MESP and once Wood has finalized the EA report this will be reviewed as well. Theses hours of initial review will be submitted to the city of Brampton.

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And upcoming future projects, please follow HDI application process.

Raechelle Williams
HDI Environmental Supervisor
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600 Ohsweken, ON
P.O. Box 714
Ph: 519-445-4222
(Direct): 519-802-9402



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Shams, Aniq

From: Nejatian, Soheil <Soheil.Nejatian@brampton.ca>
Sent: Friday, April 1, 2022 10:22 AM
To: Aaron Detlor; Janice Williams
Cc: Shams, Aniq; Kelly, Mary K; Bubas, Sonya; Mohammad, Ghazanfar; Maher, Trina; [REDACTED] General; Brian Doolittle; Kahsenniyo Williams; Parajuli, Bishnu
Subject: RE: [EXTERNAL]Fwd: City of Brampton and Region of Peel - SP47 Class EAs: Project Update
Attachments: HDI Agreement.pdf

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

Hi Aaron,

As mentioned to Raechelle in the e-mail below and during the meeting, the agreement in place with HDI is only related to field monitoring investigations during the EA process, further consultation will continue during the detail design phase for HDI's engagement. Please note, there were no previous agreements on compensation for participation or any review of the technical reports including the ESR. However, the City is willing to cover reasonable cost for HDI's review of the technical reports through the existing agreement. Please provide a list of reports to be reviewed along with the associate costs for City's approval.

Per your request, I've attached a copy of the existing agreement for your reference. the Kindly advise how you wish to proceed.

Thanks,

Soheil Nejatian, P. Eng.
Senior Project Engineer – Capital Works
T: 905-874-5909, C:437-922-5106

From: Aaron Detlor [REDACTED]
Sent: 2022/02/24 9:17 AM
To: Janice Williams <janicewilliams@hdi.land>; Nejatian, Soheil <Soheil.Nejatian@brampton.ca>
Cc: Aaron Detlor <[REDACTED]>; Shams, Aniq <aniqa.shams@woodplc.com>; Kelly, Mary K <mary.k.kelly@woodplc.com>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; Maher, Trina <trina.maher@woodplc.com>; [REDACTED] <[REDACTED]>; Tracey General <t[REDACTED]>; Brian Doolittle <ganowa@me.com>; Kahsenniyo Williams <k[REDACTED]>; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>
Subject: Re: [EXTERNAL]Fwd: City of Brampton and Region of Peel - SP47 Class EAs: Project Update

Dear Soheil Nejatian

Please provide me with a copy of the contract upon which you are relying because the contracts that we have to date do not include our participation in MCEAs and we are very specific with respect to our agreements for monitoring not being used as part of the engagement process required by the MCEA.

<https://municipalclassea.ca/files/Companion%20Guide%20rev%2002%20December%20%202018.pdf>

Shams, Aniq

From: Shams, Aniq
Sent: Wednesday, May 25, 2022 9:39 AM
To: Abby LaForme
Cc: Mark LaForme; Bubas, Sonya; Nejatian, Soheil; Khan, Muhammad; Parajuli, Bishnu; Mohammad, Ghazanfar
Subject: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (MCFN)

Hi Abby,

The Region of Peel, in partnership with the City of Brampton, has completed the Draft Environmental Study Report (ESR) for the Municipal Class Environmental Assessment Schedule 'C' Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47 in northeast Brampton) for Part A. As a reminder, the roadways within Part A will be owned and operated by the Region and will include the following:

- Arterial A2 – a new roadway that connects Major Mackenzie Drive to Mayfield Road
- Coleraine Drive – an existing roadway

The roadways within Part 'B' will be owned and operated by the City and will include the following:

- Countryside Drive - an existing roadway
- Clarkway Drive – an existing roadway
- East-West Arterial - a new roadway that connects The Gore Road to Arterial A2.

We are pleased to provide you with the Draft ESR and accompanying appendices for your review and comment. Please note that this is a Draft report only and is intended for internal review. We would like to initiate the public review period for this report in advance of the summer months, and as such, we request that you reply with your comments by **June 15, 2022**. If you cannot meet this deadline, please let me know.

 [Environmental Study Report - Agency Review](#)

Please note that some reports in the Appendices are also relevant to Part B (City Roads) and therefore require a final update (such as the Noise Report). These reports will be updated once the preliminary design for Part B is finalized. The updated report will be available at the time of filling the ESR for Part B later this year.

If you would like to have a meeting to discuss the Project or any of the technical reports, we can definitely arrange that. If you have any questions or issues accessing the files, please let me know.

Thank you,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

www.woodplc.com

Shams, Aniq

From: Shams, Aniq
Sent: Wednesday, May 25, 2022 9:39 AM
To: Raechelle Williams
Cc: Bubas, Sonya; Nejatian, Soheil; Khan, Muhammad; Parajuli, Bishnu; Mohammad, Ghazanfar
Subject: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (HDI)

Hi Raechelle,

The Region of Peel, in partnership with the City of Brampton, has completed the Draft Environmental Study Report (ESR) for the Municipal Class Environmental Assessment Schedule 'C' Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47 in northeast Brampton) for Part A. As a reminder, the roadways within Part A will be owned and operated by the Region and will include the following:

- Arterial A2 – a new roadway that connects Major Mackenzie Drive to Mayfield Road
- Coleraine Drive – an existing roadway

The roadways within Part 'B' will be owned and operated by the City and will include the following:

- Countryside Drive - an existing roadway
- Clarkway Drive – an existing roadway
- East-West Arterial - a new roadway that connects The Gore Road to Arterial A2.

We are pleased to provide you with the Draft ESR and accompanying appendices for your review and comment. Please note that this is a Draft report only and is intended for internal review. We would like to initiate the public review period for this report in advance of the summer months, and as such, we request that you reply with your comments by **June 15, 2022**. If you cannot meet this deadline, please let me know.

 [Environmental Study Report - Agency Review](#)

Please note that some reports in the Appendices are also relevant to Part B (City Roads) and therefore require a final update (such as the Noise Report). These reports will be updated once the preliminary design for Part B is finalized. The updated report will be available at the time of filling the ESR for Part B later this year.

If you would like to have a meeting to discuss the Project or any of the technical reports, we can definitely arrange that. If you have any questions or issues accessing the files, please let me know.

Thank you,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

www.woodplc.com

wood.

Shams, Aniq

From: Shams, Aniq
Sent: Wednesday, May 25, 2022 9:39 AM
To: lonnybomberry@sixnations.ca; tayler.hill@sixnations.ca; rvanstone@sixnations.ca; tanyahill-montour@sixnations.ca; Bethany Kuntz-Wakefield; dawnrussell@sixnations.ca
Cc: Bubas, Sonya; Nejatian, Soheil; Khan, Muhammad; Parajuli, Bishnu; Mohammad, Ghazanfar
Subject: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (SNGR)

Hi Robbin,

The Region of Peel, in partnership with the City of Brampton, has completed the Draft Environmental Study Report (ESR) for the Municipal Class Environmental Assessment Schedule 'C' Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47 in northeast Brampton) for Part A. As a reminder, the roadways within Part A will be owned and operated by the Region and will include the following:

- Arterial A2 – a new roadway that connects Major Mackenzie Drive to Mayfield Road
- Coleraine Drive – an existing roadway

The roadways within Part 'B' will be owned and operated by the City and will include the following:

- Countryside Drive - an existing roadway
- Clarkway Drive – an existing roadway
- East-West Arterial - a new roadway that connects The Gore Road to Arterial A2.

We are pleased to provide you with the Draft ESR and accompanying appendices for your review and comment. Please note that this is a Draft report only and is intended for internal review. We would like to initiate the public review period for this report in advance of the summer months, and as such, we request that you reply with your comments by **June 15, 2022**. If you cannot meet this deadline, please let me know.

 [Environmental Study Report - Agency Review](#)

Please note that some reports in the Appendices are also relevant to Part B (City Roads) and therefore require a final update (such as the Noise Report). These reports will be updated once the preliminary design for Part B is finalized. The updated report will be available at the time of filling the ESR for Part B later this year.

If you would like to have a meeting to discuss the Project or any of the technical reports, we can definitely arrange that. If you have any questions or issues accessing the files, please let me know.

Thank you,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

www.woodplc.com

Shams, Aniq

From: Shams, Aniq
Sent: Wednesday, May 25, 2022 9:39 AM
To: EmilyW@curvelake.ca
Cc: JulieK@curvelake.ca; Kaitlin Hill; Bubas, Sonya; Nejtian, Soheil; Khan, Muhammad; Parajuli, Bishnu; Mohammad, Ghazanfar
Subject: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (CLFN)

Hi Chief Whetung,


The Region of Peel, in partnership with the City of Brampton, has completed the Draft Environmental Study Report (ESR) for the Municipal Class Environmental Assessment Schedule 'C' Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47 in northeast Brampton) for Part A. As a reminder, the roadways within Part A will be owned and operated by the Region and will include the following:

- Arterial A2 – a new roadway that connects Major Mackenzie Drive to Mayfield Road
- Coleraine Drive – an existing roadway

The roadways within Part 'B' will be owned and operated by the City and will include the following:

- Countryside Drive - an existing roadway
- Clarkway Drive – an existing roadway
- East-West Arterial - a new roadway that connects The Gore Road to Arterial A2.

We are pleased to provide you with the Draft ESR and accompanying appendices for your review and comment. Please note that this is a Draft report only and is intended for internal review. We would like to initiate the public review period for this report in advance of the summer months, and as such, we request that you reply with your comments by **June 15, 2022**. If you cannot meet this deadline, please let me know.

 [Environmental Study Report - Agency Review](#)

Please note that some reports in the Appendices are also relevant to Part B (City Roads) and therefore require a final update (such as the Noise Report). These reports will be updated once the preliminary design for Part B is finalized. The updated report will be available at the time of filling the ESR for Part B later this year.

If you would like to have a meeting to discuss the Project or any of the technical reports, we can definitely arrange that. If you have any questions or issues accessing the files, please let me know.

Thank you,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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Shams, Aniq

From: Shams, Aniq
Sent: Wednesday, May 25, 2022 9:39 AM
To: 'chiefcarr@hiawathafn.ca'
Cc: tcowie@hiawathafn.ca; Sean Davison; Bubas, Sonya; Nejatian, Soheil; Khan, Muhammad; Parajuli, Bishnu; Mohammad, Ghazanfar
Subject: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (HFN)

Hi Chief Carr,

The Region of Peel, in partnership with the City of Brampton, has completed the Draft Environmental Study Report (ESR) for the Municipal Class Environmental Assessment Schedule 'C' Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47 in northeast Brampton) for [Part A](#). As a reminder, the roadways within Part A will be owned and operated by the Region and will include the following:

- Arterial A2 – a new roadway that connects Major Mackenzie Drive to Mayfield Road
- Coleraine Drive – an existing roadway

The roadways within Part 'B' will be owned and operated by the City and will include the following:

- Countryside Drive - an existing roadway
- Clarkway Drive – an existing roadway
- East-West Arterial - a new roadway that connects The Gore Road to Arterial A2.

We are pleased to provide you with the Draft ESR and accompanying appendices for your review and comment. Please note that this is a Draft report only and is intended for internal review. We would like to initiate the public review period for this report in advance of the summer months, and as such, we request that you reply with your comments by **June 15, 2022**. If you cannot meet this deadline, please let me know.

 [Environmental Study Report - Agency Review](#)

Please note that some reports in the Appendices are also relevant to Part B (City Roads) and therefore require a final update (such as the Noise Report). These reports will be updated once the preliminary design for Part B is finalized. The updated report will be available at the time of filling the ESR for Part B later this year.

If you would like to have a meeting to discuss the Project or any of the technical reports, we can definitely arrange that. If you have any questions or issues accessing the files, please let me know.

Thank you,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

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Shams, Aniq

From: Shams, Aniq
Sent: Thursday, May 26, 2022 10:02 AM
To: Lauren Jones
Subject: RE: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (SNGR)

Hi Lauren,

Apologies – I don't think I had given you access. Please try this link and let me know if it doesn't work -

[Environmental Study Report - Agency Review](#)

Thanks,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

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wood.

From: Lauren Jones <laurenjones@sixnations.ca>
Sent: Thursday, May 26, 2022 9:46 AM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Subject: RE: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (SNGR)

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

Good Morning Aniq,

The link doesn't seem to like my email. Is there another method?

Niá:wen and kind regards,

Lauren Jones, BSc

Wildlife and Stewardship Management Assistant

Six Nations of the Grand River Elected Council

T (519) 445-0330

A 109-1721 Chiefswood Road, Ohsweken ON N0A 1M0

Shams, Aniq

From: Francis M. Chua <francis@francischua.com>
Sent: Monday, June 6, 2022 12:36 PM
To: Shams, Aniq
Cc: Emily Whetung; Katie Young-Haddlesey; Bubas, Sonya; Nejatian, Soheil; Khan, Muhammad; Bishnu; Mohammad, Ghazanfar; Gary Pritchard; info@4directionsconservation.com; Kayla Wright
Subject: Re: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (CLFN)

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

Hello Aniq.

I am responding on behalf of Curve Lake First Nation. Thank you for your email to Chief Whetung.

Kindly resend the link and associate these emails (francis@francischua.com and kayla@francischua.com) with the link so that we can access the files.

The June 15 date is not realistic for us.

Does the project, City, and/or Region have a capacity agreement with Curve Lake First Nation to support the engagement and consultation for this project?

We can have an initial discussion regarding all of the above.

Thanks in advance.

Sincerely,
Francis Chua
Support to Curve Lake First Nation
519-375-6749

From: Shams, Aniq <aniqa.shams@woodplc.com>
Sent: Wednesday, May 25, 2022 9:39 AM
To: Emily Whetung <EmilyW@curvelake.ca>
Cc: Julie Kapyrka <JulieK@curvelake.ca>; Kaitlin Hill <KaitlinH@curvelake.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Nejatian, Soheil <soheil.nejatian@brampton.ca>; Khan, Muhammad <muhammad.khan@woodplc.com>; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Subject: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (CLFN)

Hi Chief Whetung,

The Region of Peel, in partnership with the City of Brampton, has completed the Draft Environmental Study Report (ESR) for the Municipal Class Environmental Assessment Schedule 'C' Arterial Roads within Highway 427 Industrial Secondary Plan Area (Area 47 in northeast Brampton) for Part A. As a reminder, the roadways within Part A will be owned and operated by the Region and will include the following:

- Arterial A2 – a new roadway that connects Major Mackenzie Drive to Mayfield Road
- Coleraine Drive – an existing roadway

The roadways within Part 'B' will be owned and operated by the City and will include the following:

- Countryside Drive - an existing roadway
- Clarkway Drive – an existing roadway
- East-West Arterial - a new roadway that connects The Gore Road to Arterial A2.

We are pleased to provide you with the Draft ESR and accompanying appendices for your review and comment. Please note that this is a Draft report only and is intended for internal review. We would like to initiate the public review period for this report in advance of the summer months, and as such, we request that you reply with your comments by **June 15, 2022**. If you cannot meet this deadline, please let me know.

 [Environmental Study Report - Agency Review](#)

Please note that some reports in the Appendices are also relevant to Part B (City Roads) and therefore require a final update (such as the Noise Report). These reports will be updated once the preliminary design for Part B is finalized. The updated report will be available at the time of filling the ESR for Part B later this year.

If you would like to have a meeting to discuss the Project or any of the technical reports, we can definitely arrange that. If you have any questions or issues accessing the files, please let me know.

Thank you,
Aniqa

Aniqa Shams, RPP, MCIP

Human Environment Consultant

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Shams, Aniq

From: Francis M. Chua <francis@francischua.com>
Sent: Thursday, June 9, 2022 8:23 AM
To: Shams, Aniq
Cc: Emily Whetung; Katie Young-Haddlesey; Bubas, Sonya; Nejatian, Soheil; Khan, Muhammad; Bishnu; Mohammad, Ghazanfar; Gary Pritchard; info@4directionsconservation.com; Kayla Wright
Subject: Re: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (CLFN)

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

Good morning Aniq.

This is to confirm that I as able to access the link but have not been able to download all the files (the issue is likely on my end of things).

The revised June 24, 2022 deadline is appreciated but is still not an achievable date. There are many other projects ahead of this one where we are undergoing consultation. It would have been more realistic for August/September once we've actually had a discussion with the project team - actual meetings to get to know one another first - overview of project - site visit - etc. - before even getting to an actual review.

All of the above requires capacity funding to be able to be meaningfully consulted. This would have necessitated adhering to Curve Lake's Consultation and Accommodations protocols, other protocols, community processes, and leadership decision making processes. Thus, a lack of capacity funding is problematic.

All that said above, I checked the project location and the Williams Treaties First Nations territory map. The project is located outside of the territory. Thus, the project falls outside the scope of our consultation requirements. The project will need to consult with the appropriate rights holders in the project area and I hope that considerations will be made with them for meaningful consultation on this project.

Thank you and thanks for taking the time to respond to my inquiries.

Sincerely,
Francis Chua
Support to Curve Lake First Nation
519-375-6749

From: Shams, Aniq <aniqa.shams@woodplc.com>
Sent: Wednesday, May 25, 2022 9:39 AM
To: Emily Whetung <EmilyW@curvelake.ca>
Cc: Julie Kapyrka <JulieK@curvelake.ca>; Kaitlin Hill <KaitlinH@curvelake.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Nejatian, Soheil <soheil.nejatian@brampton.ca>; Khan, Muhammad <muhammad.khan@woodplc.com>; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>

Shams, Aniq

From: Shams, Aniq
Sent: Friday, June 10, 2022 11:28 AM
To: Francis M. Chua
Subject: RE: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (CLFN)

Hi Francis,

We are consulting with other Nations as well but I appreciate your detailed response.

I hope to work with you in the future on other projects!

Thanks,
Aniq

Aniq Shams, RPP, MCIP

Human Environment Consultant

Pronouns – She/Her/Hers

Mobile: + (416) 357-2093

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

From: Francis M. Chua <francis@francischua.com>
Sent: Thursday, June 9, 2022 8:23 AM
To: Shams, Aniq <aniqa.shams@woodplc.com>
Cc: Emily Whetung <EmilyW@curvelake.ca>; Katie Young-Haddlesey <KatieYH@curvelake.ca>; Bubas, Sonya <sonya.bubas@peelregion.ca>; Nejatian, Soheil <soheil.nejatian@brampton.ca>; Khan, Muhammad <muhammad.khan@woodplc.com>; Bishnu <Bishnu.Parajuli@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; Gary Pritchard <gpritchard@4directionsconservation.com>; info@4directionsconservation.com; Kayla Wright <kayla@francischua.com>
Subject: Re: City of Brampton/Region of Peel – Arterial Roads within Secondary Plan Area 47 Class EA (Part A) - Draft Environmental Study Report (CLFN)

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

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