

**From:** [Mahmood, Tareq](#)  
**To:** [rarcaro@king.ca](mailto:rarcaro@king.ca)  
**Cc:** [Jaime Garcia](#)  
**Subject:** Albion-Vaughan Road and King Street Intersection Improvements EA Study  
**Date:** Thursday, December 6, 2018 3:30:24 PM  
**Attachments:** [image001.gif](#)  
[List of Technical Reports.pdf](#)

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Hello,

The Region has initiated a Schedule 'B' Municipal Class Environmental Assessment (EA) for improvements at the intersection of Albion Vaughan Road and King Street in Jan 2016 and PIC was held on December 7th, 2017. The limits of the study area are 300m back for each leg of the intersection. The intersection is located on the boundary between The Town of Caledon, Township of King, York Region and the Region of Peel.

As a part of Albion Vaughan Road – King Street intersection improvements, technical studies have been conducted by CIMA. The consultant has submitted the technical reports in 2017 and due to staff changes; I'm not sure whether the attached technical reports have been circulated to stakeholders during the process. As far I know the reports have been reviewed by TRCA and we're working on to address their comments.

As we plan to complete the EA project early next year (Q1-2019) and moving ahead with the plan, I would like to ensure that the stakeholders are engaged to review the technical reports and their inputs are properly embraced.

The technical reports can be accessed via the following link. Please open the FTP link by using Google Chrome and open the 'York Region' folder and "Albion- Vaughan Rd and King Street Intersection EA" sub-folder to view and download technical reports.

<https://efts.peelregion.ca>

ID: tmahmood

Pw: tmahmood

I would appreciate if you kindly provide your feedback on these attached reports by no later than Tuesday, January 8th, 2019.

Any questions, please let me know.

Best regards,

**Tareq Mahmood**

Project Manager, Infrastructure Programming and Studies

Transportation, Public Works, Region of Peel

10 Peel Centre Dr., Suite B, 4<sup>th</sup> floor

Brampton, ON L6T 4B9

Tel: 905-791-7800 ext. 7828

Cell:905-872-6475

Email: [tareq.mahmood@peelregion.ca](mailto:tareq.mahmood@peelregion.ca)

**From:** [Mahmood, Tareq](#)  
**To:** [Kant.Chawla@caledon.ca](mailto:Kant.Chawla@caledon.ca)  
**Cc:** [Jaime Garcia](#)  
**Subject:** Albion-Vaughan Road and King Street Intersection Improvements EA Study  
**Date:** Thursday, December 6, 2018 3:38:34 PM  
**Attachments:** [image001.gif](#)  
[List of Technical Reports.pdf](#)

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Hello,

The Region has initiated a Schedule 'B' Municipal Class Environmental Assessment (EA) for improvements at the intersection of Albion Vaughan Road and King Street in Jan 2016 and PIC was held on December 7th, 2017. The limits of the study area are 300m back for each leg of the intersection. The intersection is located on the boundary between The Town of Caledon, Township of King, York Region and the Region of Peel.

As a part of Albion Vaughan Road – King Street intersection improvements, technical studies have been conducted by CIMA. The consultant has submitted the technical reports in 2017 and due to staff changes; I'm not sure whether the attached technical reports have been circulated to stakeholders during the process. As far I know the reports have been reviewed by TRCA and we're working on to address their comments.

As we plan to complete the EA project early next year (Q1-2019) and moving ahead with the plan, I would like to ensure that the stakeholders are engaged to review the technical reports and their inputs are properly embraced.

The technical reports can be accessed via the following link. Please open the FTP link by using Google Chrome and open the 'Town of Caledon' folder to view and download technical reports.

<https://efts.peelregion.ca>

ID: tmahmood

Pw: tmahmood

I would appreciate if you kindly provide your feedback on these attached reports by no later than Tuesday, January 8th, 2019.

Any questions, please let me know.

Best regards,

**Tareq Mahmood**

Project Manager, Infrastructure Programming and Studies

Transportation, Public Works, Region of Peel

10 Peel Centre Dr., Suite B, 4<sup>th</sup> floor

Brampton, ON L6T 4B9

Tel: 905-791-7800 ext. 7828

Cell:905-872-6475

Email: [tareq.mahmood@peelregion.ca](mailto:tareq.mahmood@peelregion.ca)

**From:** [Jaime Garcia](#)  
**To:** [Annette Lister](#)  
**Cc:** [Mahmood, Tareq](#); [Jessica Dorgo](#)  
**Subject:** B000709 - Albion-Vaughan Road and King Street Intersection EA - PIC Boards  
**Date:** Thursday, December 7, 2017 3:52:14 PM  
**Attachments:** [B709\\_Peel King Vaughan EA PIC Boards\\_e04v01.pdf](#)  
[image001.jpg](#)

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Annette

As requested please find attached to this message an electronic copy of the information presented in the PIC.

Drawings used for public discussion during the event will be provide to you in a separate message.

Regards

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**Jaime Garcia, P.Eng.,Ph.D.**  
Associate Partner  
Senior Project Manager  
Traffic Engineering, Transportation

**CIMA+**  
**Partners in Excellence**

3027 Harvester Road, Suite 400  
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**From:** Annette Lister [mailto:[alister@trca.on.ca](mailto:alister@trca.on.ca)]  
**Sent:** Monday, November 27, 2017 11:33 AM  
**To:** Mahmood, Tareq <[tareq.mahmood@peelregion.ca](mailto:tareq.mahmood@peelregion.ca)>  
**Cc:** Jaime Garcia <[Jaime.Garcia@cima.ca](mailto:Jaime.Garcia@cima.ca)>  
**Subject:** CFN 56053 Albion-Vaughan Road and King Street Intersection EA - PIC Response

Hello Tareq,

TRCA staff received the notice of Public Information Centre No. 1 on November 21, 2017. Please see attached for staff response.

Thank you,  
Annette

**Annette Lister**

Planner II  
Environmental Assessment Planning  
Planning and Development  
Toronto and Region Conservation Authority  
☎ 416.661.6600 x5266 | ✉ [alister@trca.on.ca](mailto:alister@trca.on.ca)

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Thank you."*



## MEMO

**TO** : Toronto and Region Conservation for the Living City (TRCA)  
**COPY TO** : Tareq Mahmood, Regional Municipality of Peel  
**FROM** : Jaime Garcia, CIMA+  
**DATE** : December 06, 2018  
**SUBJECT** : Albion-Vaughan Road and King Street Intersection Improvements

The present memorandum summarizes in the form of a table our response to comments provided by TRCA with respect of the content of the draft technical reports completed as part of the Schedule B Class Environmental Assessment.

As requested the following submission to TRCA will include this document in the form of a cover letter as well as the following documentation:

- Hard copy of the final technical reports
- Two (2) copies of the draft Project File Report
- Digital copies of all reports and drawings in a PDF format.

Best Regards

Jaime Garcia, P.Eng., Ph.D.  
Senior Project Manager, Transportation

cc. Tareq Mahmood, Regional Municipality of Peel

Albion-Vaughan Road and King Street Intersection Improvements

#	TRCA comments	Response
1	Evaluation table contained too many TBD. Clarify how evaluation was completed.	<p>At the time of the TAC meeting, a preliminary preferred solution was identified. As agency comments were received and studies were completed a preferred solution was selected. It should be noted that although other design alternatives were considered, such as relocation of Albion-Vaughan Road to the west, those were considered not feasible.</p>
2	There is no space for widening and a retaining wall on the east side without impacting Cold Creek	<p>Widening to the west was considered as part of the evaluation of alternative process, and it was immediately clear that the impacts to private property would be severe and permanent.</p> <p>In the other hand, the impacts to Cold Creek can be mitigated with the use of a MSE/RSS wall rather than the cast-in-place reinforced concrete retaining wall. The advantage of using this type of structure includes:</p> <ul style="list-style-type: none"> <li>● Could lessen the required depth of earth excavation (shallow concrete levelling pad);</li> <li>● Could mitigate interference with the flows in the meandering watercourse;</li> <li>● Could eliminate the need to restore the watercourse to the pre-construction condition;</li> <li>● Could eliminate potential conflicts with buried utilities; and</li> <li>● Accelerated construction schedule / less duration for work at and below the normal water level in watercourse</li> </ul> <p>The pre-screening of these alternatives will be discussed in the Project File.</p>

Albion-Vaughan Road and King Street Intersection Improvements

#	TRCA comments	Response
3	Consider setting back the westbound traffic stop lines on King Street as an interim measure to address safety concerns, or other less intrusive measures, instead of the northbound RTL and retaining wall.	Transportation engineers with expertise in addressing safety issues played a key role in developing alternative solutions and interim measures. A range of possible solutions was investigated, and the interim measure proposed was recommended because it is the best solution in the circumstance. Assessment of traffic operations and safety is complex. Adjustments to location of stop bars, as suggested by TRCA, will not be sufficient to address the safety concern.
4	Impacts of each alternative on the meander belt of the watercourses was not assessed.	Although several alternatives were considered during the evaluation process, aside of those requiring the relocation of the intersection to the west (which was considered unfeasible) all of them requires modification to the existing structures north or east of the intersection. Potential effects of those modifications are currently included in the respective technical reports, and we will be highlighted as part of the content of the File Report
5	Bridge span widening is not proposed at any of the crossings, which is inconsistent with the recommendations from the Fluvial Geomorphic Assessment.	No widenings are proposed. The impact assessment with regard to the meander belt will be updated in the evaluation, including a statement on why the recommendations are not being applied.
6	Assess impacts of the alternatives on stormwater quantity, quality, and water balance.	This will be reviewed by the stormwater engineer.
7	Provide an assessment of potential future issues, requirements and costs associated with maintenance of the retaining wall.	This will be addressed in the Project File.

Albion-Vaughan Road and King Street Intersection Improvements

#	TRCA comments	Response
8	The hydraulic model for Cold Creek needs to be integrated with the model for the Humber River to accurately assess the effects of the alternatives.	This will be reviewed by the stormwater engineer.
9	Prepare a table that shows the projected increases in water levels for multiple storm events for all of the alternatives, and identify the impacts to properties.	This will be reviewed by the stormwater engineer.
10	Contact MNRF regarding SAR. Tree removal in bat habitat may have mitigation requirements.	This has already been done.
11	TRCA does not support entry of dewatered water into the watercourse.	The proposed mitigation measures will be revised.
12	Re-evaluate the proximity of the proposed retaining wall to Cold Creek.	Please refer to Comment No. 4. A complete set of preliminary design drawings will be provided for comments.
13	Compensation for loss of habitat will be required on all TRCA lands.	This will be examined and outlined in detail in the Project File and Natural Environment Report.
14	Replacement plantings are required for all native and non-native vegetation.	This will be noted in the Project File and Natural Environment Report following Regional Streetscaping toolbox.
15	The term 'bridge widening' is used inappropriately. Change to 'bridge extension'.	Noted. However please note that modifications to the structure will not change the span of the bridges.

Albion-Vaughan Road and King Street Intersection Improvements

#	TRCA comments	Response
16	Discuss the impacts of climate change in the Project File.	This is now a standard practice required by MOECC for all EA's. It will be included in the Project File.
17	The condition of Structure #3 is inconsistently reported. Please clarify.	The referred comment was a misinterpretation of Structure 3 provided by the Township of King.  The referred structure in poor condition is located farther north of the intersection of King Street and outside of the study area.
18	Clarify is hydro poles or other utilities will be impacted or will require relocation.	Information regarding relocation of utilities will be included as part of preliminary design.
19	Final copies of reports are to be signed and stamped by qualified professionals.	Noted.

**From:** [Annette Lister](#)  
**To:** [Jaime Garcia](#)  
**Cc:** [Mahmood, Tareq](#); [Maria Parish](#)  
**Subject:** Re: B000709 Region of Peel - King and Albion Vaughan EA - TRCA response memo  
**Date:** Thursday, January 24, 2019 11:45:10 AM  
**Attachments:** [ATT00001.jpg](#)  
[ATT00002.jpg](#)

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Hello Jaime,

I understand that the Draft Project File Report and associated materials will be circulated for TRCA staff review prior to posting. Please allow at least 30 business days for our staff to review the draft report. I also understand that you would like preliminary comments to the responses provided in the memo. As requested, please see below for our preliminary comments:

Comment #1

Staff will review the updated Evaluation of Design Alternatives Table in the Draft PFR when it is available.

Comment #2

Staff understands and appreciates that widening to the west was considered as part of the evaluation of alternatives process. At this point in time, it is staff opinion that there appears to be three options to address impacts to Cold Creek on the southeast corner of the intersection. Please consider all of these options within the Draft PFR:

1. Appropriately designed retaining wall at Cold Creek. A retaining wall at this location will have to consider all costs associated with design and implementation including but not limited to studies (e.g. environmental impact study including inventory and assessment of flora/fauna and Ecological Land Classification (ELC), fluvial geomorphology study, hydrogeology study, geotechnical study, etc.), as well as cost analysis of future maintenance requirements associated with the wall.
2. Realignment of Cold Creek away from the road. A watercourse realignment will have to consider all costs associated with design and implementation. Please see the [TRCA Channel Modification Design and Submission Requirements](#) (2007) for studies required for watercourse realignments. Please note that this section of Cold Creek is located on TRCA property. As such, any work related to a watercourse realignment at this location may be completed by or in partnership with TRCA Restoration Projects staff.
3. Acquisition or expropriation of private property located on the west side of the intersection to accommodate widening to the west. It is staff opinion that the costs associated with acquisition or expropriation should be weighed against costs for required studies and other work associated with a retaining wall or watercourse realignment.

Comment #3

No further comment.

Comment #4

Please ensure that the Evaluation of Design Alternatives Table in the Draft PFR is updated so that it accurately evaluates the **impact** of the various alternatives on the meander belt.

Comment #5

Please ensure that the Evaluation of Design Alternatives Table in the Draft PFR is updated so that it accurately characterizes the **impact** of the proposed alternatives on the meander belt even if no bridge span widening is proposed.

Staff understands that further information in relation to the remaining comments will be provided within

the Draft PFR.

Please do not hesitate to contact me if you have any further questions at this point.  
Thank you,  
Annette

**Annette Lister**, M.A.Sc.  
Planner  
Environmental Assessment Planning | Planning and Development

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A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | [trca.ca](http://trca.ca)

---

From: Jaime Garcia <Jaime.Garcia@cima.ca>  
To: Annette Lister <alister@trca.on.ca>  
Cc: "Mahmood, Tareq" <tareq.mahmood@peelregion.ca>  
Date: 01/09/2019 11:57 AM  
Subject: B000709 Region of Peel - King and Albion Vaughan EA - TRCA response memo

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Hi Annette

I am under the assumption that the attached document was delivered to you by mail last December - If that it is the case please disregard this message.

If not, please accept my apologies. Please note that we are working with the Region to adequate address your comments as part of the completion of the Final Reports. As indicated in the attached document we will contact you again prior to the issue of the Project File to the Ministry.

Best Regards

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**JAIME GARCIA**, P.Eng.,Ph.D.  
Associate Partner / Senior Project Manager / Transportation - Traffic Engineering

T 289-288-0287 ext. 6814 M 905 630-2730 F289-288-0285  
400-3027 Harvester Road, Burlington, ON L7N 3G7 CANADA



**From:** [Mota, Steve](#)  
**To:** "[Mahmood, Tareq](#)"  
**Cc:** "[Jaime.Garcia@cima.ca](#)"; [Jessica Dorgo](#)  
**Subject:** RE: PCC for Albion Vaughan Rd and King St  
**Date:** Tuesday, May 1, 2018 10:44:11 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.jpg](#)  
[image004.png](#)

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Hi Tareq,

Thanks for your e-mail. Richard Hui is no longer with York Region, so if you can add me to the mailing list, that would be greatly appreciated.

Please let me know what your schedule is for filing the EA and whether you can share the preliminary design with York Region in advance of filing.

There are a few questions/comments that I have at this time. Feel free to call me to discuss.

- What is the limit of Peel Region's jurisdiction related to the east leg of the intersection?
- Does the project extends into York Region's jurisdiction on King Road? If so, will you need a letter from York Region to include in the project file as it relates to the project within York's jurisdiction?
- Is this something that Peel is expecting to cost share with York Region? If so, we will need to budget some money in our capital program.

Regards.

**Steve Mota, P.Eng.** | Program Manager – Transportation Planning  
Transportation & Infrastructure Planning Branch | Transportation Services

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The Regional Municipality of York | 17250 Yonge Street | Newmarket, ON L3Y 6Z1  
O: 905-830-4444 ext. 75056 | [Steve.Mota@york.ca](mailto:Steve.Mota@york.ca) | [www.york.ca](http://www.york.ca)

---

**From:** Mahmood, Tareq [mailto:[tareq.mahmood@peelregion.ca](mailto:tareq.mahmood@peelregion.ca)]  
**Sent:** Monday, April 30, 2018 11:05 AM  
**To:** Mota, Steve  
**Cc:** 'Jaime.Garcia@cima.ca'; Jessica Dorgo  
**Subject:** FW: PCC for Albion Vaughan Rd and King St

Hi Steve,

According to our project stakeholder registry, Richard Hui and later Joshua Wang are the contacts at the Region of York for Albion Vaughan Road and King Street intersection EA study, please see the following correspondence and the attached PIC notification that has been sent to York Region prior to PIC-1. We've also provided a copy of the PIC boards to Joshua Wang on December 1st, 2017 (PIC boards are enclosed herewith).

Jaime Garica, the Consultant project manager is cc'd on this email, if you need any further details about the preferred design alternative and impacts on York Regional

Road, Jaime Garcia can provide you the details.

Thanks,

**Tareq Mahmood**

PM, Infrastructure Programming  
and Studies, Transportation

Tel: 905-791-7800 X 7828

Cell: 905-872-6475

---

**From:** Mahmood, Tareq  
**Sent:** December 1, 2017 1:21 PM  
**To:** 'Wang, Joshua'  
**Subject:** RE: PCC for Albion Vaughan Rd and King St

Hi Joshua,

The final display boards of PIC for Albion Vaughan Road and King Street Intersection are attached to the email.

Please

Best regards,

**Tareq Mahmood**

Project Manager, Infrastructure Programming and Studies  
Transportation, Public Works, Region of Peel

10 Peel Centre Dr., Suite B, 4<sup>th</sup> floor

Brampton, ON L6T 4B9

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Email: [tareq.mahmood@peelregion.ca](mailto:tareq.mahmood@peelregion.ca)

**REGION OF PEEL**  **Working with you**

---

**From:** Wang, Joshua [<mailto:Joshua.Wang@york.ca>]  
**Sent:** December 1, 2017 11:16 AM  
**To:** Mahmood, Tareq  
**Subject:** PCC for Albion Vaughan Rd and King St

Hi Tareq,

We received your Public Information Centre notice for intersection improvements at Albion Vaughan Road and King Street. Unfortunately, we cannot attend.

Would you send an electronic copy of the PIC material?

Thanks,

**Joshua Wang, P.Eng.** | Transportation Technologist, Transportation & Infrastructure Planning,  
Transportation Services

---

The Regional Municipality of York | 17250 Yonge Street | Newmarket, ON L3Y 6Z1  
O: 1-877-464-9675 ext. 75146 | [Joshua.Wang@york.ca](mailto:Joshua.Wang@york.ca) | [www.york.ca](http://www.york.ca)

**From:** [Mota, Steve](#)  
**To:** [Jaime Garcia](#); "[Mahmood, Tareq](#)"  
**Cc:** "[Jaime.Garcia@cima.ca](#)"; [Jessica Dorgo](#)  
**Subject:** RE: B000709 - Region of Peel - Albion Vaughan Rd and King St EA  
**Date:** Wednesday, May 9, 2018 11:16:04 AM  
**Attachments:** [image001.jpg](#)

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This is very helpful. Thanks.

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**From:** Jaime Garcia [mailto:[Jaime.Garcia@cima.ca](mailto:Jaime.Garcia@cima.ca)]  
**Sent:** Monday, May 07, 2018 1:58 PM  
**To:** Mota, Steve; 'Mahmood, Tareq'  
**Cc:** 'Jaime.Garcia@cima.ca'; Jessica Dorgo  
**Subject:** B000709 - Region of Peel - Albion Vaughan Rd and King St EA

Hi Steve

As per Tareq request we are providing you with a respond to your comments and questions provided last week:

- Please let me know what your schedule is for filing the EA and whether you can share the preliminary design with York Region in advance of filing.
  - Filing of the Project Report is expected to be completed by August/September 2018. An electronic copy of the preliminary design for the interim and the final preferred alternative will be provided by the Region of Peel in advance.
- What is the limit of Peel Region's jurisdiction related to the east leg of the intersection?
  - The east limits of the proposed improvements for the interim preferred alternative (northbound right turn lane) is the bridge structure located east of the intersection (King Road Bridge)
- Does the project extends into York Region's jurisdiction on King Road? If so, will you need a letter from York Region to include in the project file as it relates to the project within York's jurisdiction?
  - The limits of the final preferred design (widening the intersection to 4 lanes) may extend east of the King Road Bridge. The preliminary design drawings will identify the exact extend of the road widening. Please refer to the next question regarding a permit letter from the Region.
- Is this something that Peel is expecting to cost share with York Region? If so, we will need to budget some money in our capital program.
  - Tareq M. will contact you direct to discuss.

Best Regards

---

**Jaime Garcia, P.Eng.,Ph.D.**  
Associate partner  
Senior Project Manager  
Traffic Engineering, Transportation

**From:** [Mahmood, Tareq](#)  
**To:** [Mota, Steve](#)  
**Cc:** ["Jaime.Garcia@cima.ca"](mailto:Jaime.Garcia@cima.ca); [Jessica Dorgo](#)  
**Subject:** RE: B000709 - Region of Peel - Albion Vaughan Rd and King St EA  
**Date:** Friday, May 25, 2018 3:04:58 PM  
**Attachments:** [image001.jpg](#)

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Hi Steve,

In addition to my previous mail, for next year's budget, we're only looking to complete the detailed design and utility relocation. Here is the cost breakdown for 2019 project scope:

EA Study - 260,000  
Design cost – 98,000  
Utility relocation - 150,000  
Contingency – 50,000

Approximately it will cost 300k to complete the above scope, to share 50% of the cost, please budget between a range of 150k to 200k in 2019 capital program.

Thanks,

**Tareq Mahmood**

**PM, Infrastructure Programming  
and Studies, Transportation**  
Tel: 905-791-7800 X 7828  
Cell: 905-872-6475

---

**From:** Mahmood, Tareq  
**Sent:** May 25, 2018 2:48 PM  
**To:** Mota, Steve  
**Cc:** 'Jaime.Garcia@cima.ca'; Jessica Dorgo  
**Subject:** RE: B000709 - Region of Peel - Albion Vaughan Rd and King St EA

Hi Steve,

Sorry for the delay response. As Regional Shared the Albion Vaughan Road with York Region as a boundary road, we're expecting the project cost to be shared 50% - 50% with York Region.

I've been waiting for CIMA to complete the cost estimate includes detailed design, Construction and CA of the project. I've just been informed that York Regions' budget deadline is sometime in May and if time will not permit to await for the final estimate from CIMA, you could base your budget on the following estimate.

I've received the following preliminary estimate from CIMA:

Interim include southbound right turn lane extension and the new northbound right turn lane, the cost adjustment is as below:

- *Item 1: Right Turn Lane: \$245,000 cost is approximately correct*
- *Item 2: 4-way temporary signal: \$25,000 is too low, my estimate is \$50,000 to \$75,000 range*

- *Item 3: 4-way permanent signals: \$75,000 is low, my estimate is \$125,000*
- *Item 4: Utility relocations: \$150,000 is probably ok. The southeast corner has bell relocation. And at least two hydro pole relocation.*
- *Item 5: Property: we are not sure if the property information is correct. If it is correct, the southbound right turn lane requires 250sm property, therefore the cost should be \$38,750.*
- *Item 6: Sidewalk: we assumed the sidewalk is for north leg west side. We adjusted the unit price from \$50/m2 \$75/m2. Therefore the cost should be \$18,150*
- *Item 7: Trees: assumed the tree is for Southbound right turn lane extension. The cost is ok for this one.*

*So for conclusion, the summary is as below:*

- *EA Study: \$260,000*  
*Project cost: \$654,000*
- *Design 15% (not 10%) of Construction Cost: \$98,000*
- *CA 8% (not 5%) of construction cost: \$52,000*
- *Sub-total \$1,064,000*

While the project estimate has not been finalized, I propose to allow additional 200k for contingency. The estimated total project cost will be \$ 1.2 million. To share 50% of the cost, please budget 600k in York Region's capital program.

The project timeline for Interim solution:

Major Milestones of the Project	Current Schedule
Project Limits	Albion Vaughan Road and King Street Intersection
Scope	Northbound right turn lane (interim)
Municipal Class C Environmental Assessment Study	On-going *
Completion date for EA	Q3- 2018
Detailed Design	2018 - 2019
Utility Relocation	2019-2020
Construction Commencement	2021

Thanks,

**Tareq Mahmood**

PM, Infrastructure Programming  
and Studies, Transportation

Tel: 905-791-7800 X 7828

Cell: 905-872-6475

---

**From:** Jaime Garcia [mailto:Jaime.Garcia@cima.ca]

**Sent:** May 7, 2018 1:58 PM

**To:** Mota, Steve; Mahmood, Tareq

**Cc:** 'Jaime.Garcia@cima.ca'; Jessica Dorgo

**Subject:** B000709 - Region of Peel - Albion Vaughan Rd and King St EA

Hi Steve

As per Tareq request we are providing you with a respond to your comments and questions provided last week:

- Please let me know what your schedule is for filing the EA and whether you can share the preliminary design with York Region in advance of filing.
  - Filing of the Project Report is expected to be completed by August/September 2018. An electronic copy of the preliminary design for the interim and the final preferred alternative will be provided by the Region of Peel in advance.
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  - The east limits of the proposed improvements for the interim preferred alternative (northbound right turn lane) is the bridge structure located east of the intersection (King Road Bridge)
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- Is this something that Peel is expecting to cost share with York Region? If so, we will need to budget some money in our capital program.
  - Tareq M. will contact you direct to discuss.

Best Regards

---

**Jaime Garcia, P.Eng.,Ph.D.**

Associate partner

Senior Project Manager

Traffic Engineering, Transportation

**CIMA+**

**Partners in Excellence**

3027 Harvester Road, Suite 400  
Burlington Ontario L7N 3G7  
CANADA

**From:** [Mahmood, Tareq](#)  
**To:** [Mota, Steve](#)  
**Cc:** ["Jaime.Garcia@cima.ca"](mailto:Jaime.Garcia@cima.ca); [Jessica Dorgo](#)  
**Subject:** RE: B000709 - Region of Peel - Albion Vaughan Rd and King St EA  
**Date:** Friday, May 25, 2018 2:50:27 PM  
**Attachments:** [image001.jpg](#)  
[Albion Vaughan Road and King Intersection.pptx](#)

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Hi Steve,

Sorry for the delay response. As Regional Shared the Albion Vaughan Road with York Region as a boundary road, we're expecting the project cost to be shared 50% - 50% with York Region.

I've been waiting for CIMA to complete the cost estimate includes detailed design, Construction and CA of the project. I've just been informed that York Regions' budget deadline is sometime in May and if time will not permit to await for the final estimate from CIMA, you could base your budget on the following estimate.

I've received the following preliminary estimate from CIMA:

Interim include southbound right turn lane extension and the new northbound right turn lane, the cost adjustment is as below:

- *Item 1: Right Turn Lane: \$245,000 cost is approximately correct*
  - *Item 2: 4-way temporary signal: \$25,000 is too low, my estimate is \$50,000 to \$75,000 range*
  - *Item 3: 4-way permanent signals: \$75,000 is low, my estimate is \$125,000*
  - *Item 4: Utility relocations: \$150,000 is probably ok. The southeast corner has bell relocation. And at least two hydro pole relocation.*
  - *Item 5: Property: we are not sure if the property information is correct. If it is correct, the southbound right turn lane requires 250sm property, therefore the cost should be \$38,750.*
  - *Item 6: Sidewalk: we assumed the sidewalk is for north leg west side. We adjusted the unit price from \$50/m2 \$75/m2. Therefore the cost should be \$18,150*
  - *Item 7: Trees: assumed the tree is for Southbound right turn lane extension. The cost is ok for this one.*

*So for conclusion, the summary is as below:*

- *EA Study: \$260,000*
- *Project cost: \$654,000*
- *Design 15% (not 10%) of Construction Cost: \$98,000*
- *CA 8% (not 5%) of construction cost: \$52,000*
  
- *Sub-total \$1,064,000*

While the project estimate has not been finalized, I propose to allow additional 200k for contingency. The estimated total project cost will be \$ 1.2 million. To share 50% of the cost, please budget 600k in York Region's capital program.

The project timeline for Interim solution:

Major Milestones of the Project	Current Schedule
---------------------------------	------------------

Project Limits	Albion Vaughan Road and King Street Intersection
Scope	Northbound right turn lane (interim)
Municipal Class C Environmental Assessment Study	On-going *
Completion date for EA	Q3- 2018
Detailed Design	2018 - 2019
Utility Relocation	2019-2020
Construction Commencement	2021

Thanks,

**Tareq Mahmood**

PM, Infrastructure Programming and Studies, Transportation

Tel: 905-791-7800 X 7828

Cell: 905-872-6475

---

**From:** Jaime Garcia [mailto:Jaime.Garcia@cima.ca]

**Sent:** May 7, 2018 1:58 PM

**To:** Mota, Steve; Mahmood, Tareq

**Cc:** 'Jaime.Garcia@cima.ca'; Jessica Dorgo

**Subject:** B000709 - Region of Peel - Albion Vaughan Rd and King St EA

Hi Steve

As per Tareq request we are providing you with a respond to your comments and questions provided last week:

- Please let me know what your schedule is for filing the EA and whether you can share the preliminary design with York Region in advance of filing.
  - Filing of the Project Report is expected to be completed by August/September 2018. An electronic copy of the preliminary design for the interim and the final preferred alternative will be provided by the Region of Peel in advance.
- What is the limit of Peel Region’s jurisdiction related to the east leg of the intersection?
  - The east limits of the proposed improvements for the interim preferred alternative (northbound right turn lane) is the bridge structure located east of the intersection (King Road Bridge)
- Does the project extends into York Region’s jurisdiction on King Road? If so, will you need a letter from York Region to include in the project file as it relates to the project within York’s jurisdiction?

- The limits of the final preferred design (widening the intersection to 4 lanes) may extend east of the King Road Bridge. The preliminary design drawings will identify the exact extend of the road widening. Please refer to the next question regarding a permit letter from the Region.
- Is this something that Peel is expecting to cost share with York Region? If so, we will need to budget some money in our capital program.
  - Tareq M. will contact you direct to discuss.

Best Regards

---

**Jaime Garcia, P.Eng.,Ph.D.**

Associate partner  
Senior Project Manager  
Traffic Engineering, Transportation

**CIMA+**  
**Partners in Excellence**

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**From:** [Mahmood, Tareq](#)  
**To:** [Mota, Steve](#)  
**Cc:** [Jaime Garcia](#)  
**Subject:** Albion-Vaughan Road and King Street Intersection Improvements EA Study  
**Date:** Thursday, December 6, 2018 3:05:11 PM  
**Attachments:** [image001.gif](#)  
[List of Technical Reports.pdf](#)

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Hello,

The Region has initiated a Schedule 'B' Municipal Class Environmental Assessment (EA) for improvements at the intersection of Albion Vaughan Road and King Street in Jan 2016 and PIC was held on December 7th, 2017. The limits of the study area are 300m back for each leg of the intersection. The intersection is located on the boundary between The Town of Caledon, Township of King, York Region and the Region of Peel.

As a part of Albion Vaughan Road – King Street intersection improvements, technical studies have been conducted by CIMA. The consultant has submitted the technical reports in 2017 and due to staff changes; I'm not sure whether the attached technical reports have been circulated to stakeholders during the process. As far I know the reports have been reviewed by TRCA and we're working on to address their comments.

As we plan to complete the EA project early next year (Q1-2019) and moving ahead with the plan, I would like to ensure that the stakeholders are engaged to review the technical reports and their inputs are properly embraced.

The technical reports can be accessed via the following link. Please open the FTP link by using Google Chrome and open the 'York Region' folder and "Albion- Vaughan Rd and King Street Intersection EA" sub-folder to view and download technical reports.

<https://efts.peelregion.ca>

ID: tmahmood

Pw: tmahmood

I would appreciate if you kindly provide your feedback on these attached reports by no later than Tuesday, January 8th, 2019.

Any questions, please let me know.

Best regards,

**Tareq Mahmood**

Project Manager, Infrastructure Programming and Studies

Transportation, Public Works, Region of Peel

10 Peel Centre Dr., Suite B, 4<sup>th</sup> floor

Brampton, ON L6T 4B9

Tel: 905-791-7800 ext. 7828

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Email: [tareq.mahmood@peelregion.ca](mailto:tareq.mahmood@peelregion.ca)

**Ministry of Tourism, Culture and Sport**

Archaeology Programs Unit  
Programs and Services Branch  
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**Ministère du Tourisme, de la Culture et du Sport**

Unité des programmes d'archéologie  
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Jun 23, 2017

Jamie Lemon (P1056)  
Golder Associates Ltd.  
84 High Bowmanville ON L1C 3B4

**RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 1 Archaeological Assessment, Albion Vaughan Road and King Street Intersection, Part of Lot 7, Concession 8, Geographic Township of Albion, County of Peel, Part of Lots 5 and 6, Concession 11, Geographic Township of King, County of York, now Region of Peel and Region of York, Ontario", Dated Apr 7, 2017, Filed with MTCS Toronto Office on Apr 27, 2017, MTCS Project Information Form Number P1056-0083-2017, MTCS File Number 0006551**

Dear Mrs. Lemon:

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

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

The Stage 1 archaeological assessment found the Project Area to exhibit potential for the recovery of intact archaeological deposits. Once a design plan for the proposed improvements to the Project Area is complete, Stage 2 is required within the project limits prior to construction for all areas determined to retain archaeological potential (see Map 5). This will include all sections within the proposed new ROW as well as staging and storage areas required for construction. The following methods are recommended for the Stage 2 property survey:

1) Areas of manicured lawn and overgrown areas that appear to be relatively undisturbed exhibit archaeological potential for the recovery of archaeological remains. Stage 2 test pit survey at an interval of five metres is recommended for these areas prior to ground disturbance activities. Test pits should be approximately 30 centimetres in diameter and excavated to subsoil. If artifacts be recovered their location should be recorded with a GPS unit and test pit intervals reduced to 2.5 metres within 5 metres of the positive test pit, as well as a one-metre test unit if necessary;

- 2) Areas of slope exhibit low potential for the recovery of archaeological remains. No further assessment is recommended for these areas; and
- 3) Areas of previous disturbance exhibit low potential for the recovery of archaeological remains. No further assessment is recommended for these areas.
- Areas of previous disturbance exhibit low potential for the recovery of archaeological remains. No further assessment is recommended for these areas.

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

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

Sincerely,

Ian Hember  
Archaeology Review Officer

cc. Archaeology Licensing Officer  
Jaime Garcia, CIMA+  
Sargon Sifo, Region of Peel

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

**Ministry of Tourism, Culture and Sport**

Archaeology Programs Unit  
Programs and Services Branch  
Culture Division  
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**Ministère du Tourisme, de la Culture et du Sport**

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Archaeology@ontario.ca



Aug 17, 2017

Jamie Lemon (P1056)  
Golder Associates Ltd.  
84 High Bowmanville ON L1C 3B4

**RE: Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 2 Archaeological Assessment, Albion Vaughan Road and King Street Intersection, Part of Lot 7, Concession 8, Geographic Township of Albion, County of Peel, Part of Lots 5 and 6, Concession 11, Geographic Township of King, County of York, now Region of Peel and Region of York, Ontario", Dated Aug 10, 2017, Filed with MTCS Toronto Office on N/A, MTCS Project Information Form Number P1056-0114-2017, MTCS File Number 0006551**

Dear Mrs. Lemon:

The above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18, has been entered into the Ontario Public Register of Archaeological Reports without technical review.<sup>1</sup>

Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require further information, please do not hesitate to send your inquiry to [Archaeology@Ontario.ca](mailto:Archaeology@Ontario.ca)

cc. Archaeology Licensing Officer  
Jaime Garcia, CIMA+  
Sargon Sifo, Region of Peel

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

## Jessica Dorgo

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**From:** Sharon Lingertat <Sharon.Lingertat@trca.ca>  
**Sent:** Tuesday, August 4, 2020 11:22 AM  
**To:** Jessica Dorgo  
**Cc:** Jaime Garcia; Albert Thomas; Mahmood, Tareq  
**Subject:** RE: CFN 56053 Albion-Vaughan Road and King Street EA - Draft PFR - TRCA Comments

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Jessica,

Thank you for sending over the responses and SWM report.

Annette's last day at TRCA was this past Friday, so please direct the final EA and supporting background reports to my attention, once they are available for review.

Regards,

**Sharon Lingertat, B.Sc. (Hons), MCIP, RPP**  
Senior Planner  
Infrastructure Planning and Permits | Development and Engineering Services

T: [\(416\) 661-6600](tel:4166616600) ext. 5717  
C: [\(437\) 333-4183](tel:4373334183)  
E: [sharon.lingertat@trca.ca](mailto:sharon.lingertat@trca.ca)  
A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca) | [trca.ca](https://www.trca.ca)



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**From:** Jessica Dorgo <Jessica.Dorgo@cima.ca>  
**Sent:** Friday, July 31, 2020 10:22 AM  
**To:** Annette Lister <Annette.Lister@trca.ca>  
**Cc:** Jaime Garcia <Jaime.Garcia@cima.ca>; Sharon Lingertat <Sharon.Lingertat@trca.ca>; Suzanne Bevan <Suzanne.Bevan@trca.ca>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>; Brandon Hester <Brandon.Hester@trca.ca>; Alistair Jolly <Alistair.Jolly@trca.ca>; Albert Thomas <Albert.Thomas@trca.ca>; Deanna Cheriton <Deanna.Cheriton@trca.ca>; Mahmood, Tareq <tareq.mahmood@peelregion.ca>  
**Subject:** RE: CFN 56053 Albion-Vaughan Road and King Street EA - Draft PFR - TRCA Comments

Hi Annette,

Thank you for your comments on the Project File Report (PFR) for the Albion-Vaughan Road and King Street EA. A table outlining our responses to your comments is attached for your review. A copy of the Stormwater Management Report and revised Section 9 (Commitments to Further Work) of the PFR are also attached.

We intend to file the EA the second week of August 2020. A copy of the final PFR and Notice of Study Completion will be provided to you at that time.

If you have any outstanding questions or concerns please feel free to contact us.

Thank you,

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**JESSICA DORGO, EIT**  
EIT / Transportation

T 289-288-0287 ext. 6819 F 289-288-0285  
400-3027 Harvester Road, Burlington, ON L7N 3G7 CANADA



---

**From:** Annette Lister <[Annette.Lister@trca.ca](mailto:Annette.Lister@trca.ca)>  
**Sent:** Friday, July 17, 2020 5:00 PM  
**To:** Mahmood, Tareq <[tareq.mahmood@peelregion.ca](mailto:tareq.mahmood@peelregion.ca)>  
**Cc:** Jaime Garcia <[Jaime.Garcia@cima.ca](mailto:Jaime.Garcia@cima.ca)>; Sharon Lingertat <[Sharon.Lingertat@trca.ca](mailto:Sharon.Lingertat@trca.ca)>; Suzanne Bevan <[Suzanne.Bevan@trca.ca](mailto:Suzanne.Bevan@trca.ca)>; Victoria Kramkowski <[Victoria.Kramkowski@trca.ca](mailto:Victoria.Kramkowski@trca.ca)>; Brandon Hester <[Brandon.Hester@trca.ca](mailto:Brandon.Hester@trca.ca)>; Alistair Jolly <[Alistair.Jolly@trca.ca](mailto:Alistair.Jolly@trca.ca)>; Albert Thomas <[Albert.Thomas@trca.ca](mailto:Albert.Thomas@trca.ca)>; Deanna Cheriton <[Deanna.Cheriton@trca.ca](mailto:Deanna.Cheriton@trca.ca)>  
**Subject:** CFN 56053 Albion-Vaughan Road and King Street EA - Draft PFR - TRCA Comments

Hello Tareq,

TRCA staff received the Draft Project File Report and appendices on June 5, 2020. Please see the attached letter for TRCA staff comments. Please ensure that comments are addressed, and that we receive a copy of the Notice of Study Completion and Final Project File Report.

Should you have any questions, please do not hesitate to contact me.

Thank you,  
Annette

**Annette Lister, M.A.Sc.**  
Planner  
Infrastructure Planning and Permits | Development and Engineering Services

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