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## MEETING MINUTES

**Date & Time:** September 12, 2016 – 9:00am

**Location:**

**York Region Administrative Centre  
(17250 Yonge St., Newmarket)**

**Attendees:**

City of Markham (City): Robert Muir, Robert Grech

York Region (YR): David Mhango (Manager, Development Engineering), Thomas MacPherson (Manager, Transportation Asset Management), Peter Pilateris (District Manager South East, Road Maintenance), Eva Pulnicki (Environmental Servicing Engineer)

**Distribution:** Attendees

Item	Description
1.	The City presented the following information, which was discussed by the group: <ul style="list-style-type: none"><li>• Overview of the study area, and interaction between the Private, Municipal and Regional stormwater infrastructure on Woodbine Avenue, focusing on the culvert crossing located south of Denison St.;</li><li>• Historical flooding that has occurred in the area, and draft modeling of flooding within the study area (showing storm surcharge and riverine flooding areas);</li><li>• Don Mills Channel Class Environmental Assessment background and schedule;</li><li>• Overview of various alternatives to be studied by the municipality and potential impacts on the Regional infrastructure;</li><li>• Draft evaluation criteria for the alternatives;</li></ul>
2.	The culvert crossing at Woodbine was discussed, including the inspection that was performed by 2013 by the City. The Region will provide inspections or operations and maintenance reports or any other information that is available. The Region noted that metal culverts are generally replaced with concrete boxes.
3.	The level of service target for the Class EA is the 5 year storm. Further discussion on various alternatives and their impact on the Regional Road need to occur through the alternative evaluation process.
4.	The Region did not note any specific concerns with the alternatives presented, but will be able to provide more feedback once the alternatives are developed in more detail. There were no alternatives that were noted as missing during the meeting. The City will continue to send information to the Region as it becomes available to keep them informed of the study progress.
5.	<p>The City informed the Region of the liaison committee meeting to be held on September the 19<sup>th</sup>. The Region will not attend that meeting.</p> <p>The City is to send information for technical review to Eva Pulnicki, who is responsible for design frequency assessments. When the technical committee for the project meets, Eva should be invited to represent that Region. The Region will decide who is best suited to sit on the liaison committee and may attend the meeting to be held in the Spring.</p>

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**MEETING MINUTES****Don Mills Channel Flood Control Class EA****Date & Time:** May 23, 2017 – 11:00am**Location:****York Region Administrative Centre  
(17250 Yonge St., Newmarket)****Attendees:**

City of Markham (City): Robert Muir, Robert Grech, Prathapan Kumar

York Region (YR): David Mhango, Thomas MacPherson, Peter Pilateris, Eva Pulnicki, Calvin Mollett, Sean Woods

**Distribution:** Attendees

Item	Description
1.	The City presented the following information, which was discussed by the group: <ul style="list-style-type: none"><li>• Overview of the study area, and EA process;</li><li>• Project schedule;</li><li>• Existing Flood Risk to private property and Woodbine Ave;</li><li>• Estimated average annual damages;</li><li>• Nine (9) Alternatives that were assessed through the EA process;</li></ul>
2.	The City provided an overview of the preliminary preferred alternative, which includes: <ul style="list-style-type: none"><li>• Property acquisition of 2 ha of land on Torbay Road for removal of four (4) flood prone properties, and construction of a flood control pond;</li><li>• Upgrade of culverts on Steelcase Road East, Woodbine Avenue, Denison St and Steelcase Road West, including attached enclosures on private properties;</li><li>• The upgrade is intended to involve replacement of existing structures with 12m conspan structures in these areas;</li></ul>
3.	Expected flooding on Woodbine Avenue after the implementation of the preferred alternative was discussed. The City noted that the projects is intended to address riverine flooding issues, and while this has improved flooding on the roads, there is expected to continue to be some level of urban flooding on Woodbine Avenue moving forward;
3.	The City presented more detailed information on the Woodbine crossing. The estimated year of construction is 1970, with the extensions onto private property occurring in the late 70s, early 80s. Based on the City's life cycle estimates, this culvert is nearing end of life and will require replacement soon. The City also noted significant debris found within the culvert upon inspections, and that a portion of a car was removed within the eastern enclosure as it may restrict flow capacity.
3.	Based on current phasing plans, the City has planned the replacement of the Woodbine culvert for 2024, and would be looking to cost share the cost of the upgrade with the Region. The Region stated that the culvert was not in the 10 year capital plan, but would look to add in the cost. The City volunteered to help the Region by providing information that they require to put in the request to have this added to the Capital Plan.
4.	The overland flow issues, e.g., ponding on roadways beyond the main channel, were discussed – the City has a long term plan for looking at upgrades to the storm sewers in

Item	Description
	this area, but this is not a current priority. The City noted that several of the City sewers drain into the Woodbine storm sewer before being discharged to the creek. The City would need to work with the Region on any storm upgrades, or have the Region upgrade storm sewers prior to increasing the size of sewers in several of the City Right of Ways for these upgrades to be technically effective (in some cases). This is a long term project that can be identified in the Class EA as a future initiative for further discussion / collaboration.
5.	<p>The City informed the Region of the liaison committee meeting to be held later this year, and that the Region will be invited to that meeting.</p> <p><b>The City has asked that the Region discuss the preliminary preferred alternative internally, and provide any comments on the concept by the end of June.</b></p> <p>The City does not need confirmation that cost sharing will occur from the Region at this time, but request that the Region begin the process of requesting funds under the Capital Plan. After completion of the EA, more discussion on cost sharing can occur.</p>

These minutes were prepared by the City of Markham. Please advise R.Grech at [rgrech@markham.ca](mailto:rgrech@markham.ca) of any errors or omissions within 2 weeks of receiving minutes.

## Grech, Rob

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**From:** Hollie Nolan <hollien@ramafirstnation.ca> on behalf of Chief Rodney Noganosh <chief@ramafirstnation.ca>  
**Sent:** August 3, 2018 3:09 PM  
**To:** Grech, Rob  
**Subject:** re: TMIG – Don Mills Channel Flood Reduction Study Class Environmental Assessment – City of Markham – Notice of Completion

Dear Robert;

Thank you for your letter re: TMIG – Don Mills Channel Flood Reduction Study Class Environmental Assessment – City of Markham – Notice of Completion.

Please be advised that we reviewed your letter. I have shared it with Council and we've forwarded the information to Karry Sandy-McKenzie, Williams Treaties First Nation Process Co-ordinator/Negotiator. Ms. McKenzie will review your letter and take the necessary action if required. In the interim, should you wish to contact Ms. McKenzie directly, please do so at [k.a.sandy-mckenzie@rogers.com](mailto:k.a.sandy-mckenzie@rogers.com).

Thank you,

Chief Rodney Noganosh

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### Hollie Nolan

*Executive Assistant to the Chief, Administration*

**Chippewas of Rama First Nation**

(ph) 705-325-3611, 1216

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By submitting your or another individual's personal information to Chippewas of Rama First Nation, its service providers and agents, you agree and confirm your authority from such other individual, to our collection, use and disclosure of such personal information in accordance with our privacy policy.

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 Please consider the environment before printing this e-mail.

August 10, 2018

CFN 54920

**BY E-MAIL ONLY** ([RGrech@markham.ca](mailto:RGrech@markham.ca))

Mr. Rob Grech  
City of Markham  
8100 Warden Avenue  
Markham, ON  
L6G 1B4

Dear Mr. Rob Grech;

**Re: Response to Draft Final Project File Report  
City of Markham Don Mills Channel Flood remediation EA– Submission #1  
Don Watershed; City of Markham; Regional Municipality of York.**

Toronto and Region Conservation Authority (TRCA) staff received the draft Final Project File Report (PFR) dated on June 18, 2018.

TRCA staff understands that this PFR involves the flood and reduction analysis for the Don Mills Channel and its drainage catchment area. The project involves Don Mills channel flood remediation in Don Mills channel area, east of 404, north of Steeles Avenue located in the City of Markham, Regional Municipality of York.

While staff has no objection in principle to the preferred alternative, the following concerns must be addressed in the final EA document. Additional detailed comments are provided in Appendix A. These comments should be included as an appendix in the final EA report.

Please ensure TRCA receives a copy of the Notice of Study Completion, as well as one (1) hard copy and one (1) digital copy of the final PFR. The final EA document should be accompanied by a covering letter which uses the numbering scheme provided in this letter and identifies how these comments have been addressed. Digital materials must be submitted in PDF format, with drawings pre-scaled to print on 11"x17" pages. Materials may be submitted on discs, via e-mail (if less than 2.5 MB), or through file transfer protocol (FTP) sites (if posted for a minimum of two weeks).

Should you have any questions please contact me at extension 5629 or at [hgammanpila@trca.on.ca](mailto:hgammanpila@trca.on.ca).

Yours truly,



Harsha Gammanpila  
Planner, Environmental Assessment Planning  
Planning and Development

**BY E-MAIL**

cc:Consultant: Steve Hollingworth, TMIG, ([shollingworth@tmig.ca](mailto:shollingworth@tmig.ca))  
TRCA: Beth Williston, Senior Manager, Environmental Assessment Planning  
Quentin Hanchard, Associate Director, Development, Planning and Regulation  
Nancy Gaffney, Watershed Specialist, Don River  
Sameer Dhalla, Associate Director, Engineering Services, Restoration and Infrastructure

**APPENDIX A: TRCA COMMENTS AND PROPONENT RESPONSES**

ITEM	TRCA COMMENTS (August 14, 2018)	PROPONENT RESPONSE
<b>Water Resources Comments:</b>		
1.	TRCA Water Resources staff is encouraged by the proposed improvements to flooding impacts in this flood prone area. However, as the works provided are considering more “real world” impacts based on modelling that does not follow the provincial requirements for floodplain mapping, please note that these improvements cannot be considered for reducing the regulatory floodplain and corresponding regulation limits. The benefit of the improvements proposed will help reduce the risk of flooding in the area, and that has been noted.	
2.	The report in general focuses on providing impacts for flooding associated with the 5-year return period. Please confirm and provide direction within the report that further studies will be conducted at a later date to further reduce the risk of flooding in the area for larger events, preferably up to the 100-year or Regulatory event.	
3.	Section 4 – As discussed at several meetings, a concern was presented that opening up the channel and culverts to allow full conveyance of storm peak flow rates downstream to the MTO culverts will result increased flood risk to the MTO infrastructure. As increasing the flood risk to the downstream landowner would be a detriment, please consider including discussion of this point within the document, including pertinent alternatives in Section 4.	
4.	Section 5 – As discussed with the City of Markham, the TRCA runs a Flood Warning program, including operating a website providing real-time updates of water levels within specific water courses and precipitation at specific gauge stations. Please consider partnering with TRCA Flood Warning and the Hydrometrics groups to install stream and precipitation gauges in the area, such that businesses can monitor and may have some advanced warning of flooding in the area.	
5.	Please note that as the modelling has been prepared based on the requirements of the City of Markham for this specific area, and has not been conducted in accordance to standard TRCA or provincial practices for regulation mapping or stormwater management, TRCA Water Resources staff will not be conducted a detailed review of the PCSWMM modelling, and will defer review of the model to City staff.	
<b>Ecology Comments:</b>		
6.	Section 6.2 of the Project File Report states that: “ <i>The Migratory Bird Convention Act restricts tree removals or any other activity that could be constructed as impacting nesting or breeding of a range of bird species from April 15 to July 30.</i> ” Please note that the migratory breeding bird window for this area is April 1 <sup>st</sup> to August 31 <sup>st</sup> .	
7.	Please note that the warm water fisheries timing window will apply to all in-water/near-water activities in this area. Therefore, proposed activities should only occur between July 1 <sup>st</sup> to March 31 <sup>st</sup> .	

8.	As stated on the Don Mills Channel Final project Report, an Environmental Impact Statement (EIS) should be completed during preliminary design to assess the impacts to environmental features and functions resultant of the proposed works, determine appropriate mitigation and compensation measures.	
9 a.	At the detailed design stage, Vegetation Removals and Preservation Plans should be prepared for all areas potentially impacted by the proposed works. The vegetation removals portion should account for the removal of all woody plants from the Natural System, including trees (of all Dbh) and shrubs. The removal of shrubs and trees <10cm dbh can be calculated on an area basis. The vegetation protection portion should detail all the methods to be utilized to avoid damage to the woody vegetation to be protected during construction. The removal, protection and restoration of vegetation should be shown on drawing(s).	
9 b.	The TRCA Guideline for Determining Ecosystem Compensation is a science-based guide to inform what amount of compensation would be reflective of the ecological services being lost, rather than relying on a static number (e.g. 3:1). Please refer to it and demonstrate a best efforts approach regarding the proposed compensation. It is available at: <a href="https://trca.ca/app/uploads/2018/07/TRCA-Guideline-for-Determining-Ecosystem-Compensation-June-2018.pdf">https://trca.ca/app/uploads/2018/07/TRCA-Guideline-for-Determining-Ecosystem-Compensation-June-2018.pdf</a>	
10.	<p>Please note that at detailed design a stand-alone multi-barrier Erosion and Sediment Control Plan (ESC) will be required. Please, refer to the "Erosion and Sediment Control Design and Submission Requirements" for preparation of reports and drawings that accompany an ESC Plan, available at: <a href="https://trca.ca/app/uploads/2016/02/Erosion_and_Sediment_Control_Design_and_Submission_Requirements_September_2007.pdf">https://trca.ca/app/uploads/2016/02/Erosion_and_Sediment_Control_Design_and_Submission_Requirements_September_2007.pdf</a></p> <p>Please note that the following should be included:</p> <ol style="list-style-type: none"> <li>Methods to isolate the development area. Please include proposed tree hoarding in the drawings as well. If silt fences are being proposed, please note that non-woven geotextile is required;</li> <li>Stockpile location and related ESC methods;</li> <li>Methods to filter and release water accumulated on site (i.e. unwatering, dewatering, pooled water);</li> <li>Methods to provide site stabilization (temporary and permanent). If seeding, please provide seed methods (e.g. Terraseeding), and proposed seed mix that includes species, and percentage composition; if planting, please provide species, quantity and methods;</li> <li>Construction phasing;</li> <li>Typical details for all proposed ESC measures; and</li> <li>Please, include TRCA Standard Notes in the drawings. They can be found at: <a href="https://trca.ca/wp-content/uploads/2016/02/Guidelines_for_Standard_Notes_on_Infrastructure_Project_OR_166_06_Submissions.pdf">https://trca.ca/wp-content/uploads/2016/02/Guidelines_for_Standard_Notes_on_Infrastructure_Project_OR_166_06_Submissions.pdf</a></li> </ol>	

**Geotechnical Comments:**

There are no geotechnical comments in principal at this stage. The geotechnical review will be completed up on receiving further information at the detailed design stage. provided the nature of the work and proposed undertakings, the following presents general geotechnical recommendations at this stage to be considered for the detailed design:

11.	The detailed geotechnical study is required in support of the proposed undertaking to assess the ground condition along the alignment and to provide the geotechnical design recommendations for the various components of the proposed undertaking.	
12.	The grading information for the proposed flood storage area including the required cuts and fills or berms are required to be prepared at the detailed design stage and be reviewed by geotechnical engineer to provide all requisite geotechnical design recommendations and also to confirm the long-term stability of the side slopes (cuts and fills) and also the long-term stability of the berms including all requisite geotechnical design recommendations.	
13.	The culverts are also required to be designed by qualified engineer using the geotechnical information. Suitable foundation is required for the culverts as per the ground condition.	
14.	The proposed cuts should be studied by geotechnical engineer. Stability assessment is required to confirm that the proposed side slopes for the cuts satisfy a minimum safety factor of 1.50.	
15.	All engineering drawings for the retaining walls, abutments and wing walls, culverts, crossings, stabilization works, embankments and cuts should be prepared showing all necessary details and specifications and submitted as signed and sealed by Licensed Professional Engineer.	
16.	If the construction results in alterations and disturbance into the slopes/banks, the stabilization is required to be reviewed by the geotechnical engineer. Given the slope geometry and the extent of the alterations, the stabilization may require to be engineered (e.g. engineering structures) to ensure that the stabilization remains stable in long-term with a minimum safety factor of 1.50. Further, all necessary engineering details, cross-sections should be prepared by geotechnical engineer and submitted as signed and sealed by Licensed Professional Engineer.	
17.	Where there is trenchless installation for the infrastructures below the watercourse, the pertinent geotechnical studies should be conducted to provide the required site characterization. The trenchless installation should be designed by specialty consultant or contractor using the geotechnical information and recommendations. The adequate cover from the bottom of the watercourse should be determined as per the design. The cross-sections and site plan showing the alignment and entry and exit pits/shafts and the cover from the bottom of the watercourse and other infrastructures should be also submitted in support of the proposed undertaking. The design should also ensure that the proposed trenchless installation does not cause the inadvertent return of drilling fluid (frac-out) or excess settlement on the ground along the alignment. Further, the shafts or pits required for the proposed trenchless installation should be properly stabilized by the means of shoring or other techniques. The details of such stabilization should be also prepared by qualified engineer and submitted as signed and sealed by Licensed Professional Engineer.	



## Grech, Rob

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**From:** Fawn Sault <Fawn.Sault@mncfn.ca>  
**Sent:** August 23, 2018 8:47 AM  
**To:** Grech, Rob  
**Subject:** Don Mills Flood Reduction Completion of Environmental Assessment Study, Notice of Completion for the Municipal Class EA Improvements to Victoria Square Boulevard  
**Attachments:** LOLC Markham Projects.docx

Thank you for the notification sent to The Mississaugas of the New Credit First Nation (MNCFN) regarding *the Don Mills Flood Reduction Completion of Environmental Assessment Study and the Notice of Completion for the Municipal Class EA Improvements to Victoria Square Boulevard*. We have reviewed the document you have provided and determined that, at this time, MNCFN has a **low level** of concern about the project. *Please see the attached letter for more information.*

Respectfully, we ask that you immediately notify MNCFN if there are any changes to the project as they may impact MNCFN's interests. Additionally, MNCFN requests a copy of all associated environmental and/or archaeological reports. These can be electronic copies, if you prefer. Furthermore, MNCFN employs Field Liaison Representatives who **must** be on location whenever any fieldwork for environmental and/or archaeological assessments is undertaken. If additional work is scheduled, please notify us as soon as possible so that we may work together to discuss and arrange for MNCFN's participation.

Sincerely,

Fawn D. Sault  
Consultation Manager  
Department of Consultation and Accommodation  
Mississaugas of the New Credit First Nation  
4065 Hwy 6 North  
Hagersville, On.  
N0A 1H0  
Office - 905-768-4260  
Cell – 289-527-6580



**Department of  
Consultation & Accommodation**

August 15, 2018

Robert Grech, P. Eng.  
City Project Manager  
City of Markham  
8100 Warden Ave.  
[rgrech@markham.ca](mailto:rgrech@markham.ca)

Dear Mr. Grech

We are the Mississaugas of the New Credit First Nation (MNCFN), the descendants of the Mississaugas of the River Credit. Our traditional territory extends from the Rouge River Valley in the east, across to the headwaters of the Thames River, down to Long Point on Lake Erie, and back along the shores of Lake Erie, the Niagara River, and Lake Ontario to the Rouge River Valley. It encompasses present-day London, Hamilton, and Toronto, as well as our communal lands. Our traditional territory has defined and sustained us as a First Nation for countless generations, and must continue to do so for all our generations to come.

Thank you for your notification on *the Don Mills Channel Flood Reduction Completion of Environmental Assessment Study and the Notice of Completion for the Municipal Class EA Improvements to Victoria Square Boulevard* dated August 7, 2018. The Mississaugas of the New Credit First Nation (MNCFN) has various treaty rights across its traditional territory, including the area contemplated by your project. For further information, please see our website, <http://www.newcreditfirstnation.com/>. MNCFN continues to exercise treaty rights which include, but are not limited to, rights to harvest, fish, trap and gather species of plants, animals and insects for any purpose including food, social, ceremonial, trade and exchange purposes. The MNCFN also has the right to use the water and resources from the rivers, creeks and lands across the MNCFN traditional territory.

At this time, MNCFN *does not* have a high level of concern regarding the proposed project and therefore, by way of this letter, approves the continuation of this project. However, MNCFN



**Department of Consultation and Accommodation**  
Mississaugas of the New Credit First Nation  
4065 Hwy 6 North, Hagersville, Ontario N0A 1H0



Phone: (905) 768-4260



[www.mncfn.ca](http://www.mncfn.ca)

requests that you continue to notify us about the status of the project. **In addition, we respectfully ask you to immediately notify us if there are any changes to the project as they may impact MNCFN's interests and that you please provide us with a copy of all associated environmental and archaeology reports.** This includes, but is not limited to changes related to the scope of work and expected archaeological and environmental impacts.

Additionally, MNCFN employs Field Liaison Representatives ("FLRs") to act as official representatives of the community and who are answerable to MNCFN Chief and Council through the Department of Consultation and Accommodation. The FLRs' mandate is to ensure that MNCFN's perspectives and priorities are considered in the field and to enable MNCFN to provide timely, relevant, and meaningful comment on the Project. Therefore, **it is MNCFN policy that FLRs are on location whenever any fieldwork for environmental and/or archaeological assessments are undertaken.** It is expected that the proponent will cover the costs of this FLR participation in the fieldwork. Please also provide the contact information of the person, or consultant, in charge of organizing this work so they may facilitate the participation of the MNCFN FLRs.

Nothing in this letter shall be construed as to affect the Aboriginal or Treaty rights and hence shall not limit any consultation and accommodation owed to MNCFN by the Crown or any proponent, as recognized by section 35 of the Constitution Act, 1982.

MNCFN reserves the right in relation to any development project or decision, to decide whether it supports a project and to: comment to regulators, participate in regulatory processes and hearings, seek intervener funding or status, or to challenge and seek remedies through the courts.

**MNCFN expects all proponents to act according to the following best practices:**

- Engage early in the planning process, before decisions are made
- Provide information in meaningful and understandable formats.
- Convey willingness to transparently describe the project and consider any MNCFN concerns.
- Recognize the significance of cultural activities and traditional practices of the MNCFN
- Demonstrate a respect for MNCFN knowledge and uses of land and resources.
- Understand the importance of youth and elders in First Nation communities.
- Act with honour, openness, transparency and respect.
- Be prepared to listen and allow time for meaningful discussion.





Sincerely,

Fawn D. Sault

Consultation Manager

MNCFN Department of Consultation and Accommodation

cc – Mark LaForme; Director, Department of Consultation and Accommodation



**Department of Consultation and Accommodation**

Mississaugas of the New Credit First Nation  
4065 Hwy 6 North, Hagersville, Ontario N0A 1H0



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## Grech, Rob

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**From:** Mhango, David <David.Mhango@york.ca>  
**Sent:** August 23, 2018 11:19 AM  
**To:** Grech, Rob; Steve Hollingworth  
**Cc:** MacPherson, Thomas; Bingham, Bryan; Zhu, John; Lau, John; Pulnicki, Eva; Muir, Robert  
**Subject:** RE: Don Mills Channel Flood Reduction Study - ENG.18.M.0015

Hi Robert and Steve,

Region has no issues with the preferred alternative.

Regards,

**David H.Z. Mhango, M.Sc.Eng., P.Eng.** | Manager, Development Engineering  
Community Planning & Development Services, Corporate Services Department

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**The Regional Municipality of York** | 17250 Yonge Street | Newmarket, ON L3Y 6Z1  
**O:** 1-877-464-9675 ext. 77533 | **C:** 905-716-5878 | **Fax:** 905-895-7523  
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*Our Values: Integrity, Commitment, Accountability, Respect, Excellence*



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**From:** Grech, Rob [mailto:RGrech@markham.ca]  
**Sent:** Thursday, August 23, 2018 11:10 AM  
**To:** Mhango, David; Steve Hollingworth  
**Cc:** MacPherson, Thomas; Bingham, Bryan; Zhu, John; Lau, John; Pulnicki, Eva; Muir, Robert  
**Subject:** RE: Don Mills Channel Flood Reduction Study - ENG.18.M.0015

Hi Dave,

I apologize - we will add any additional correspondence that we have received and post it on the project website so that it is easily identifiable. Should any need arise that the document is updated in future, we will incorporate these comments into the public consultation section.

The City understands that there are ownership issues associated with these culverts that will need to get worked out through the detailed design process and accepts the responsibility for communicating with public and private ownership regarding the project moving forward. Ultimately, as the project moves forward, we would not legally be able to complete it without going through the proper approvals process, which would include obtaining the consent of the Region for any and all works that occur on Regional property.

We trust that our prompt posting of the additional correspondence will fulfill the need to document this consultation, and we believe that while not in the main body of the report, they would not impact the evaluation of the alternatives, or selection of the preferred alternative which is the main purpose of the document..

Based on the comments, and all of our previous discussions, we have not heard any issues with how the project was evaluated or on the selection of the preferred alternative. If I'm incorrect in this assertion, please let me know.

Thanks.

Rob

**Rob Grech, P.Eng.**

Environmental Engineer

Environmental Services Department, City of Markham

T: 905-477-7000 x 2357 • F: 905-479-7766 • E: [RGrech@markham.ca](mailto:RGrech@markham.ca)  
8100 Warden Ave • Markham • Ontario • L6G 1B4 • [www.markham.ca](http://www.markham.ca)

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**From:** Mhango, David <David.Mhango@york.ca>

**Sent:** August 23, 2018 9:40 AM

**To:** Steve Hollingworth <shollingworth@tmig.ca>; Grech, Rob <RGrech@markham.ca>

**Cc:** MacPherson, Thomas <Thomas.MacPherson@york.ca>; Bingham, Bryan <Bryan.Bingham@york.ca>; Zhu, John <John.Zhu@york.ca>; Lau, John <John.Lau@york.ca>; Pulnicki, Eva <Eva.Pulnicki@york.ca>

**Subject:** RE: Don Mills Channel Flood Reduction Study - ENG.18.M.0015 (Draft email to TMIG)

Hi Steve and Robert,

Thanks for letting York Region (Region) know. However, Region is not satisfied that its comments were not incorporated in the main body of the report.

Please note that Region received your draft report on June 19 and provided the comments within a month. TMIG/City of Markham should have provided Region the report early enough. Additionally, Region had provided similar comments previously to Markham staff who met with Region staff at different occasions. Region wonder why its position was not understood and taken into consideration by Markham staff when TMIG was writing the report. TMIG staff were also away when Region had sent out its comments. Region believe from the day Region provided TMIG its comments to the day TMIG revised the report, there was more than enough time to make the necessary changes to the final report, as these changes are significant to the implementation of this project. Region believes the report will be misleading to the public or property owners who will not have the time to review all appendices including Appendix F, and see York Region comments buried in that appendix. Region comments should have been incorporated in the main body of the report which the public or property owners will likely read.

Region expects that if this report gets amended in the future, Region comments will be incorporated appropriately in the main body of the report. Additionally, Region expects the City of Markham/TMIG to take responsibility to be communicating accordingly with the public or property owners when required to do so, that the Region is only responsible for the portion of the culvert within the Regional right-of-way.

Regards,

**David H.Z. Mhango, M.Sc.Eng., P.Eng.** | Manager, Development Engineering

Community Planning & Development Services, Corporate Services Department

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**The Regional Municipality of York** | 17250 Yonge Street | Newmarket, ON L3Y 6Z1

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*Our Values: Integrity, Commitment, Accountability, Respect, Excellence*





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**From:** Steve Hollingworth [<mailto:shollingworth@tmig.ca>]  
**Sent:** Thursday, August 23, 2018 8:24 AM  
**To:** Mhango, David; [rgrech@markham.ca](mailto:rgrech@markham.ca)  
**Cc:** MacPherson, Thomas; Bingham, Bryan; Zhu, John; Lau, John; Pulnicki, Eva  
**Subject:** RE: Don Mills Channel Flood Reduction Study - ENG.18.M.0015 (Draft email to TMIG)

David

Thanks for looking over the Don Mills Channel Flood Reduction Project File Report.

Given the time constraints between receiving the Region's comments and previously established publishing dates for the Notice of Completion, Sections 2.5.1.10 and 5.1.2 were not updated.

Instead, we included the following paragraph in Section 7.5 (Notice of Completion)

"York Region provided comments on July 19, 2018 clarifying that the Region only owns the central section of the Woodbine Avenue culvert within their right-of-way, and providing insight into the process to be followed for the City of Markham to undertake the replacement of the Woodbine Avenue culvert. A copy of York Region's comments is included in **Appendix F**."

A copy of your e-mail, the marked up pages of the draft PFR and your sketch with the Woodbine Avenue culvert ownership were added to Appendix F4 (Notice of Completion).

We trust that this is adequate to address the Region's concerns regarding clarity of ownership of the Woodbine Avenue culvert and process for its eventual replacement.

A copy of the final Project File Report can be found on the City's website:

<https://www.markham.ca/wps/portal/Markham/MunicipalGovernment/AboutMunicipalGovernment/MajorCityProjects/StormwaterMgmt/DonMillsChannelFloodReduction/>

Thanks again for reviewing the report and providing comments.

Regards

Steve Hollingworth  
Director of Stormwater Management

**TMIG | The Municipal Infrastructure Group Ltd.**  
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**From:** Mhango, David [<mailto:David.Mhango@york.ca>]  
**Sent:** Thursday, July 19, 2018 5:26 PM  
**To:** Steve Hollingworth <[shollingworth@tmig.ca](mailto:shollingworth@tmig.ca)>; [rgrech@markham.ca](mailto:rgrech@markham.ca)  
**Cc:** MacPherson, Thomas <[Thomas.MacPherson@york.ca](mailto:Thomas.MacPherson@york.ca)>; Bingham, Bryan <[Bryan.Bingham@york.ca](mailto:Bryan.Bingham@york.ca)>; Zhu, John <[John.Zhu@york.ca](mailto:John.Zhu@york.ca)>; Lau, John <[John.Lau@york.ca](mailto:John.Lau@york.ca)>; Pulnicki, Eva <[Eva.Pulnicki@york.ca](mailto:Eva.Pulnicki@york.ca)>; [rgrech@markham.ca](mailto:rgrech@markham.ca); David Ashfield <[dashfield@tmig.ca](mailto:dashfield@tmig.ca)>; Derek Smith <[dsmith@tmig.ca](mailto:dsmith@tmig.ca)>  
**Subject:** RE: Don Mills Channel Flood Reduction Study - ENG.18.M.0015 (Draft email to TMIG)

Hi All,

Sorry, I forgot to attached the illustration showing culvert ownership at Woodbine Ave.

Regards,

**David H.Z. Mhango, M.Sc.Eng., P.Eng.** | Manager, Development Engineering  
Community Planning & Development Services, Corporate Services Department

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**From:** Mhango, David

**Sent:** Thursday, July 19, 2018 4:42 PM

**To:** Steve Hollingworth; [rgrech@markham.ca](mailto:rgrech@markham.ca)

**Cc:** MacPherson, Thomas; Zhu, John; Lau, John; Pulnicki, Eva; [rgrech@markham.ca](mailto:rgrech@markham.ca)

**Subject:** Don Mills Channel Flood Reduction Study - ENG.18.M.0015 (Draft email to TMIG)

**Importance:** High

Hi Steve and Robert,

Please see attached pdfs with Region's comments on your Don Mills Channel Flood Reduction Study report.

Please note that the Region owns the "original" portion of the existing culvert crossing directly underneath and within the Woodbine Avenue ROW. The culvert extension segments at both the upstream and downstream ends the culvert are/should be owned by the City of Markham through servicing easement within private properties. **The Region does not own the culvert extension segments which are outside the Regional ROW.** The wording under Section 2.5.1.10 needs to be revised in order to clearly indicate the actual ownership of different segments of the existing culvert.

Regarding "Section 5.1.2 Culvert Replacements", please note that the proposed culvert replacement works will be undertaken by the City of Markham under their capital project, and not the Region. **The Region will review the design so the Region is not negatively impacted, through a Municipal Consent approval process** similar to many capital projects being undertaken by the City of Markham within the Regional ROW or connecting to Regional infrastructure. As for the culvert extension at both upstream and downstream ends, the City of Markham has to negotiate/co-ordinate with the private properties, and **Region will have no stake in the aspects of both extensions.** Please update the wording in the report accordingly.

Regards,

**David H.Z. Mhango, M.Sc.Eng., P.Eng.** | Manager, Development Engineering  
Community Planning & Development Services, Corporate Services Department

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