

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF MARCH 22, 2016

Item 12, Report No. 12, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on March 22, 2016.

**12 PINE VALLEY DRIVE STORM HEADWALL AND SPILLWAY REHABILITATION
 WARDS 2&3**

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Deputy City Manager, Public Works and the Director of Infrastructure Delivery, dated March 1, 2016:

Recommendation

The Deputy City Manager, Public Works and the Director of Infrastructure Delivery in consultation with the Director of Purchasing Services and the Director of Financial Planning and Development Finance and Deputy City Treasurer recommend:

1. That the City enters into an agreement with Toronto and Region Conservation Authority (TRCA) to undertake the delivery of the project for Pine Valley Drive Storm Headwall and Spillway Rehabilitation, for an upset amount of \$475,000 plus applicable taxes;
2. That the amount in the above recommendation, plus applicable taxes and administration recovery be funded from Capital Project EN-1854-13 Storm Water Management Facility – Pine Valley Drive at Club House; and
3. That the Deputy City Manager, Public Works be authorized to enter into any agreements with TRCA required to undertake the assignment.

Contribution to Sustainability

The repair of the headwall and rehabilitation of the spillway at this location will ensure that an acceptable level of service by the City's infrastructure is maintained for the health and wellbeing of its citizens and users of Boyd Park Conservation Area, in particular:

- **Cost Savings** – Coordinating this project with TRCA provides potential cost saving opportunities that may be realized if completing this work in a timely manner.
- **Public Impact** – The delivery of this project by TRCA will ensure that the impacts to the public and users of Boyd Park will be minimized.

Economic Impact

Project EN-1854-13 was approved to implement an appropriate storm water management solution to rectify erosion and sediment deposits within Boyd Park resulting from the discharge of a municipal storm sewer outlet located on Pine Valley Drive.

The total project costs of \$497,861 are available within capital project EN-1854-13 Storm Water Management Facility – Pine Valley Drive at Club House to complete this work. The City will reimburse TRCA based on actual project costs, with an upset limit of \$475,000 plus applicable taxes.

Communications Plan

Not Applicable.

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Purpose

The purpose of this report is to seek Council approval to permit Toronto and Region Conservation Authority (TRCA) to undertake the delivery of this project.

Background - Analysis and Options

AMEC was retained to carry out the design for the Pine Valley Drive Stormwater Management Enhancement including Headwall and Spillway Rehabilitation as part of RFP11-447

In January 2012, bids were received through a competitive bid process to undertake the scope of work identified in the Terms of Reference for RFP11-447. The assignment was divided into two parts with Part 1 being services provided for the preliminary and detailed design and Part 2, a provisional item, to provide construction administration services (if requested to do so by the City). Part 1 was awarded to AMEC.

Part 1 of RFP11-447 required AMEC to develop a solution to address concerns identified by the Toronto Region Conservation Authority (TRCA) with respect to erosion issues at the spillway in Boyd Park, at the Pine Valley Drive storm sewer outfall (approximately 30 metres south of Clubhouse Road). (Refer to Location Map Attachment No. 1). The Consultant was also required to undertake the work in accordance with the Municipal Class Environment Assessment (EA) process.

The EA's recommended preferred option is more cost effective than the original budget estimate.

As the project is located on the lands under the stewardship of TRCA and TRCA's considerable expertise in administrating this type of specialized work, City staff proposes to enter in to an agreement with TRCA for the continuation of the works.

The project is being carried out in Boyd Park, which falls under the stewardship of TRCA. Therefore, it will be beneficial for TRCA to facilitate the delivery of the remedial work in an efficient and expeditious manner. Among the reasons to support the delivery of this project by TRCA are:

- TRCA, as good stewards of the environment, will have full control of the project and its implementation schedule considering the public usage of Boyd Park
- TRCA will be responsible for all monitoring and warranty of the completed work
- TRCA will implement the project in the manner it was developed and designed including all mitigating measures
- City would not be required to enter into any Permission To Enter agreements to access the project site thus absolving the City of liability on the private property
- Additional capacity can be created for City staff resources for the delivery of other approved infrastructure renewal projects

The remaining cost to bring this project to completion is estimated to be \$475,000. This will be the upset limit for this project.

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TABLE 1 : TOTAL PROJECT COSTS	
Project Value – Upset Limit	\$475,000
H.S.T. (1.76%, Not Recoverable)	8,360
Total	\$483,360
Administration Recovery (3%)	14,501
Net Total Cost	\$497,861

TABLE 2 : PROJECT FUNDING POSITION SUMMARY (EN-1854-13)	
Approved Budget	\$1,545,000
Less: Exp. & Commitments to Date	(0)
Current Funds Remaining	\$1,545,000
Less: Net Total Costs	(497,861)
Balance Remaining	\$1,047,139

Once the project is complete in its entirety, any balance remaining will be returned to the original funding source, Sewer Reserve.

Relationship to Term of Council Service Excellence Strategy Map (2014-2018)

In consideration of the priorities set within the Term of Council Service Excellence Strategy Map, the recommendations in this report support the priority to invest, renew and manage infrastructure assets.

Regional Implications

Not Applicable.

Conclusion

The work proposed for the Pine Valley Drive Stormwater Management Enhancement, including Headwall and Spillway Rehabilitation is on TRCA property and directly impacts Boyd Park operations. Should the project continue with the City as the lead, based on current procurement processes, the earliest time that the work could be undertaken would be in late summer 2016, which would impact the park's peak usage. This could also result in exacerbated erosion activity at the spillway from the spring/summer rainfall events which will require City staffs involvement for ongoing maintenance.

TRCA will be able to undertake the work in early spring which will mitigate the impact to the park users during summer. In addition, they will also be involved in regulating the implementation of the project on their property including undertaking future maintenance of the completed work.

Therefore, staff recommends that the City enters in to an agreement with TRCA to undertake the delivery the project for the Pine Valley Drive Stormwater Management Enhancement, including Headwall and Spillway Rehabilitation, with an upset limit of \$475,000 plus applicable taxes.

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Attachment

1. Location Map

Report prepared by:

Pat Marcantonio, Project Manager, Ext. 8468

Mohan Toor, Manager, Design & Construction (West), Ext. 8144

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)

**PINE VALLEY DRIVE STORM HEADWALL AND SPILLWAY REHABILITATION
WARDS 2&3****Recommendation**

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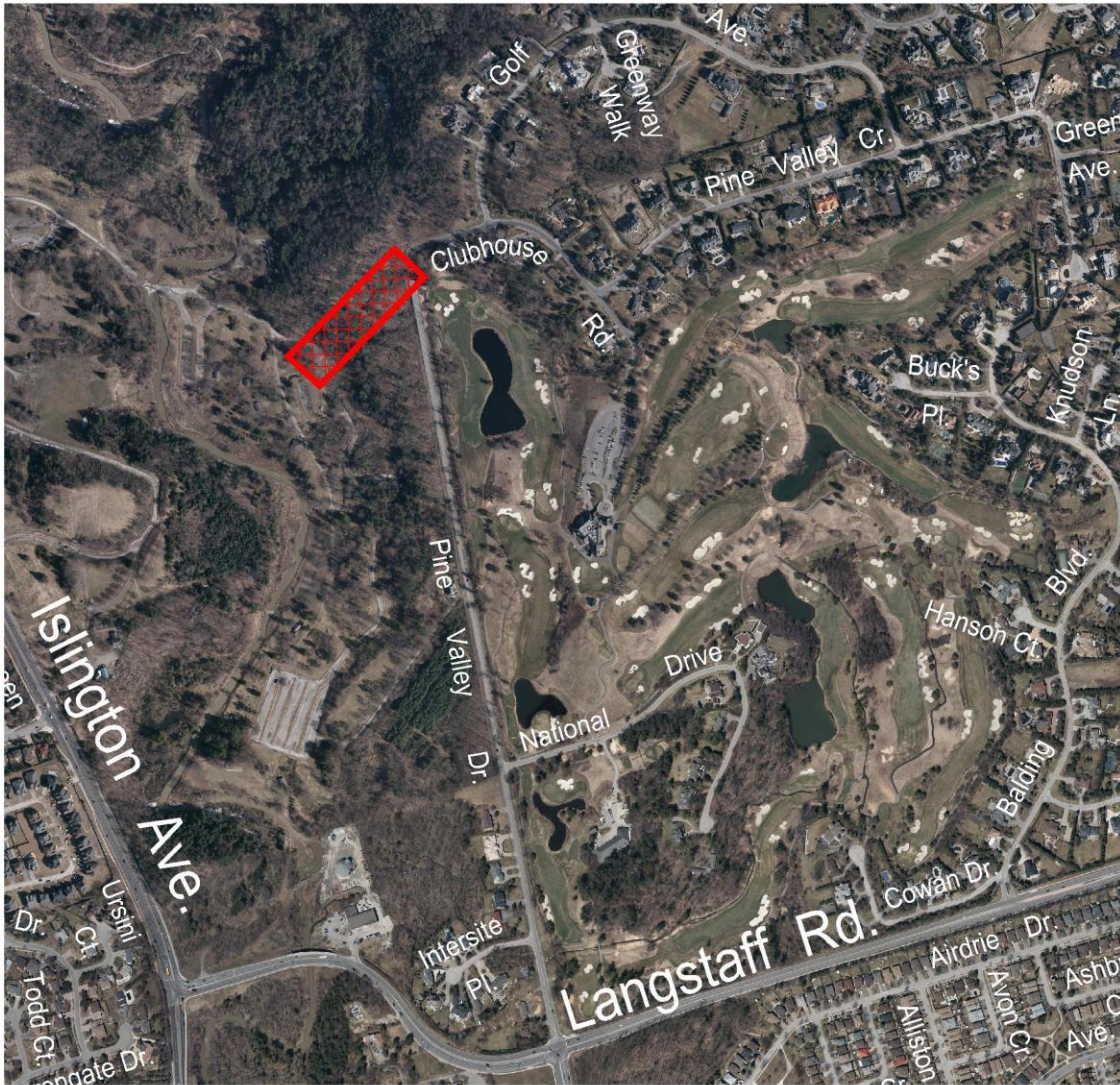
Respectfully submitted,

Paul Jankowski,
Deputy City Manager, Public Works

Jack Graziosi,
Director of Infrastructure Delivery

PM:mm

ATTACHMENT No. 1



PINE VALLEY DRIVE STORM WATER MANAGEMENT ENHANCEMENT INCLUDING HEADWALL AND SPILLWAY REPAIR

LEGEND



PROJECT LOCATION



NOT TO SCALE