

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF OCTOBER 19, 2016

Item 13, Report No. 34, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on October 19, 2016.

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**MARITA PAYNE PARK
SLOPE STABILIZATION WORKS
WARD 5**

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Deputy City Manager, Planning and Growth Management and the Director of Parks Development, dated October 5, 2016:

Recommendation

The Deputy City Manager, Planning and Growth Management and the Director of Parks Development in consultation with the Director of Transportation Services, Parks & Forestry Operations, the Director of Procurement Services and the Director of Financial Planning and Development Finance & Deputy City Treasurer recommend:

1. That staff be authorized to enter into an agreement with the Toronto and Region Conservation Authority (TRCA) for the completion of slope stabilization works at Marita Payne Park as outlined in this report with an upset limit of \$186,710 plus applicable taxes;
2. That the amounts in the above recommendation, plus applicable taxes and administration recovery be funded from Capital Project PK-6539-16 Marita Payne Park - Slope Erosion; and
3. That the Mayor and Clerk be authorized to enter into any agreements with TRCA required to undertake this project at the recommendation of Deputy City Manager, Planning and Growth Management and Deputy City Manager, Legal and Human Resources.

Contribution to Sustainability

This report is consistent with the priorities previously set by Council in the Green Directions Vaughan, Community Sustainability Environmental Master Plan, Goal 2, Objective 2.2:

- To develop Vaughan as a City with maximum green space and an urban form that supports our expected population growth.

Economic Impact

The Engineering Projects group of the TRCA is available to provide slope stabilization services to the City on a cost-recovery basis. The terms of an agreement with the TRCA would be structured to have the City reimburse the TRCA based on actual project costs, with an upset limit of \$186,710 plus applicable taxes allocated for this project. Funding to complete the required slope stabilization works is available within approved Capital Project PK-6539-16 Marita Payne Park – Slope Erosion.

Communications Plan

Parks Development staff in collaboration with TRCA will continue to communicate with directly affected neighbours on the timing and proposed scope of work associated with this project. TRCA will also provide notification as per Conservation Authorities Class EA requirements or any other regulatory requirements. Staff will inform the Ward Councillor's office and also post notice of this project at various locations within the park and on the Disruptions and Closures Page of the City's website to alert park users.

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Purpose

The purpose of this report is to seek Council approval to enter into an agreement with the TRCA to undertake slope stabilization works at Marita Payne Park.

Background - Analysis and Options

Slope instability is currently affecting private residential properties along the rear yard of Jason Street homes backing onto Marita Payne Park. Continued deterioration of the slope requires remediation in order to prevent damage and loss of private property. The location of the required works falls within the TRCA regulated area of the Don River watershed.

In June 2016 Parks Development staff reviewed the area of slope instability with TRCA staff to obtain advice and determine the extent of required repairs. Based on their experience with similar situations, the TRCA identified several options for undertaking this work, with the most cost-effective method being slope filling with installation of an armour stone wall at the toe of the slope. An example of the slope filling method and advisory letter from the TRCA is appended as Attachment 1.

Slope filling is a slope stabilization technique that provides a naturalized slope without significant use of retaining walls and structures. Benefits of this application to the City including completing this project in partnership with the TRCA include:

- Reduced project cost and staff administration
- Ability to plant the slope to match existing conditions
- Streamlined design and permit process
- Reduced impact to adjacent residents
- Best practices approach with TRCA stewardship of the Don River watershed area
- TRCA will monitor and provide warranty for the works

Construction of the slope filling technique is anticipated to take approximately 6 weeks of on-site works to complete, weather permitting. The TRCA has indicated availability to undertake this work in winter 2016 with planting to occur spring 2017.

Erosion repair works at this location will restore this area of the park to an acceptable level of service for the health and well-being of residents and users of Marita Payne Park with the intent to prevent further impact to adjacent private property.

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

This report is consistent with the priorities established in the updated Term of Council Service Excellence Strategy Map, specifically:

- Invest, renew and manage infrastructure and assets

Regional Implications

The Region has an underground trunk sewer in proximity to the work area that will not be impacted by proposed slope stabilization works.

Conclusion

Slope stabilization works are required to mitigate areas of erosion within Marita Payne Park. The Engineering Projects group of the TRCA has the experience and capability of undertaking this

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project in partnership with the City. There are many benefits to completing the works in partnership with the TRCA and staff are requesting authorization to enter into an agreement with them for this project.

Attachments

1. TRCA Advisory Letter Dated September 7, 2016
2. Location Map

Report prepared by:

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(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.)