

**Report to
Rapport au:**

**Agriculture and Rural Affairs Committee
Comité de l'agriculture et des affaires rurales
4 April 2019 / 4 avril 2019**

**and Council
et au Conseil
10 April 2019 / 10 avril 2019**

**Submitted on February 1, 2019
Soumis le 1er février 2019**

**Submitted by
Soumis par:
Laila Gibbons, Director, Parks, Forestry & Stormwater Services / Directrice,
Services des parcs, de la foresterie et des eaux pluviales**

**Contact Person
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Ward: BARRHAVEN (3)

File Number: ACS2019-PWE-GEN-0005

**SUBJECT: Amendments to the Engineer's Report O'Keefe Municipal Drain
Block C, Station 0+000 to 0+234**

**OBJET: Modification au rapport de l'ingénieur pour le drain municipal
O'Keefe, îlot C, de la station 0+000 à la station 0+234**

REPORT RECOMMENDATIONS

That the Agriculture and Rural Affairs Committee recommend that Council adopt the Engineer's Report prepared by Robinson Consultants Inc., entitled Amendment to the Engineer's Report for the O'Keefe Municipal Drain Block C, Stations 0+000 to 0+234 dated November 2018 and give 1st and 2nd reading to the By-law attached as Document 2 to this report in accordance with Sections 42 and 45 of the Drainage Act of Ontario.

RECOMMANDATIONS DU RAPPORT

Que le Comité de l'agriculture et des affaires rurales recommande au Conseil d'adopter le rapport d'ingénieur produit par Robinson Consultants Inc., intitulé *Amendment to the Engineer's Report for the O'Keefe Municipal Drain Block C, Stations 0+000 to 0+234* Modification au rapport de l'ingénieur pour le drain municipal O'Keefe, îlot C, de la station 0+000 à la station 0+234), daté du mois de novembre 2018, et présente en première et deuxième lectures le règlement joint au présent rapport en tant que document 2, conformément aux articles 42 et 45 de la *Loi sur le drainage de l'Ontario*.

BACKGROUND

On November 8, 2017 the Council of the City of Ottawa appointed Andy Robinson, P.Eng. of Robinson Consultants Inc., as the Engineer of record to prepare a report under Section 78 of the *Drainage Act* to address changes within the watershed of the O'Keefe Municipal Drain.

The purpose of this report is to address changes with Block C on Dwg. No 17081-A1 located in Lot 20, Concession 4, Barrhaven Ward, former Township of Nepean. The report will accommodate land use changes within Block C from vacant to urban development and the installation of a new culvert within the existing O'Keefe Municipal Drain.

To address the land use changes and additional culvert, amendments are required to the existing Engineers Report, entitled Amendment to the Engineer's Report for the O'Keefe Municipal Drain, dated December 2015 and prepared by Robinson Consultants Inc. The required amendments are detailed in the Engineer's Report entitled Amendment to the Engineer's Report for the O'Keefe Municipal Drain Block C, Stations 0+000 to 0+234 dated November 2018 prepared by Robinson Consultants Inc. (the said report shall hereinafter be referred to as the "Engineer's Report dated November 2018").

Pursuant to Section 9 of the Drainage Act, the on-site meeting was held on February 14, 2018. All affected landowners were notified of the meeting.

DISCUSSION

The O'Keefe Municipal Drain was first constructed in 1968 under By-law No. 17-68 in the former Township of Nepean. The Engineer's Report was updated in 2006 to relocate a portion of the existing drain and to accommodate land use changes within in

Lot 16, Concession IV, Barrhaven Ward. The Engineer's Report was further updated in 2015 to accommodate land development upstream of McKenna Casey Road, to lower the existing profile, increase the existing cross-section of the drain and to update the drainage basin. The amendments to the O'Keefe Municipal Drain completed in 2015 also include land use change from a rural to urban, the provision for a proposed stormwater management system within the development area and the abandonment of the North East Branch of the drain.

The Engineer's Report dated November 2018 accommodates land use changes within Block C from vacant to urban development and the installation of a new culvert within the existing O'Keefe Municipal Drain.

Initial costs for the amended Engineers Report have been paid for by the City of Ottawa Parks, Forestry and Stormwater Services Branch of the Public Works and Environmental Services Department from capital internal order 909173. All costs associated with this report will be recovered through assessments to the property owners of the lands in Block C. Future maintenance costs for Block C of the O'Keefe Municipal Drain will be assessed as per assessment schedule "A" Schedule of Assessment – Block 'C' for the O'Keefe Municipal Drain in the Engineer's Report dated November 2018.

The *Drainage Act* prescribes the process and timelines that must be followed for any modification or construction of a municipal drain.

This report places the request for amendment to an existing drainage works before the Agriculture and Rural Affairs Committee and Council as required under Section 78 of the *Drainage Act*.

Should the Agricultural and Rural Affairs Committee and Council adopt the Engineer's Report dated November 2018 and give 1st and 2nd reading to the provisional By-law, the process will continue as set out by the Drainage Act R.S.O. 1990.

RURAL IMPLICATIONS

The O'Keefe Municipal Drain will continue to provide legal and sufficient outlet for some urban and rural lands and roads.

CONSULTATION

As part of the development planning process consultation between the developer, their representatives, City approvals and drainage staff, the Council-appointed Drainage

Engineer and regulatory agencies is ongoing. The required on-site meeting with the affected landowners was held on February 14, 2018.

COMMENTS BY THE WARD COUNCILLOR(S)

The Councillor for Barrhaven is aware of this report and the proposed drainage works.

LEGAL IMPLICATIONS

There are no legal impediments to adopting the recommendation outlined in this report.

RISK MANAGEMENT IMPLICATIONS

There are no risk implications associated with this report.

FINANCIAL IMPLICATIONS

There are no financial implications associated with this report. Initial costs for the amended Engineers Report have been paid for by the City of Ottawa Parks, Forestry and Stormwater Services Branch of the Public Works and Environmental Services Department from capital internal order 909173. All costs associated with this report will be recovered through assessments to the property owners of the lands in Block C. Future maintenance costs for Block C of the O'Keefe Municipal Drain will be assessed as per assessment schedule "A" Schedule of Assessment – Block 'C' for the O'Keefe Municipal Drain in the Engineer's Report dated November 2018.

ACCESSIBILITY IMPACTS

There are no accessibility impacts associated with this report.

ENVIRONMENTAL IMPLICATIONS

The modifications to the O'Keefe Municipal Drain are associated with a commercial development application for the area for which discussion with the various City departments and regulatory agencies are ongoing. The proposed storm water management system, including any drainage works modifications, will provide outlet for the proposed development and improve storm water management in the area while continuing to provide legal and sufficient outlet for the area lands and roads, including some agricultural lands. There are no provincially significant wetlands affected by this undertaking and the drainage works will protect and enhance existing fish habitat. The proposed works will require compliance with City, Provincial and Federal policy standards, regulations and legislation.

TERM OF COUNCIL PRIORITIES

The recommendations of this report align with the current Strategic Priority as part of the sustainable environmental services strategic priority by supporting an environmentally sustainable Ottawa.

SUPPORTING DOCUMENTATION

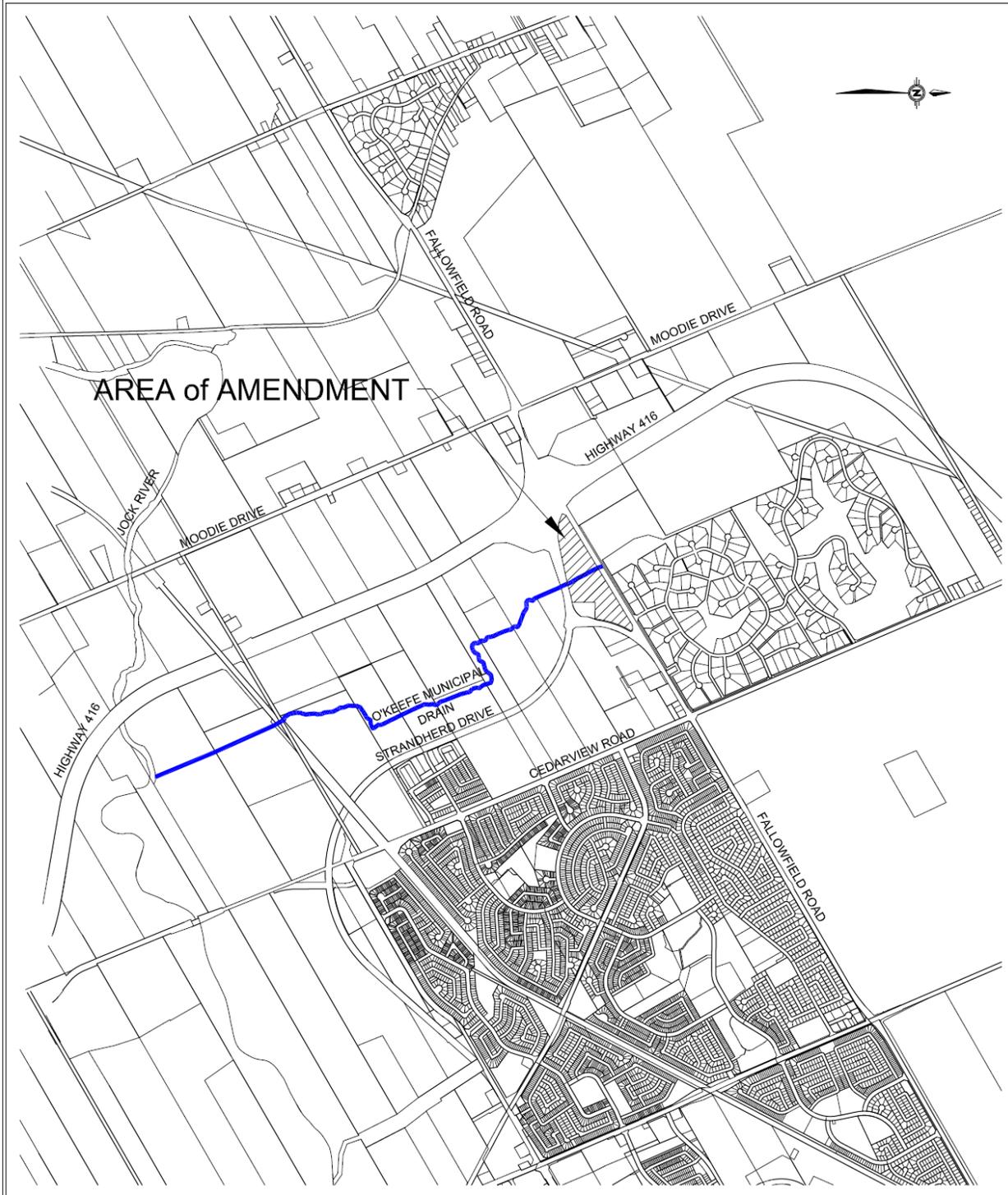
DOCUMENT 1 – Location Plan

DOCUMENT 2 – Provisional By-law

DISPOSITION

Upon approval by Council, the Office of the Drainage Superintendent will notify all affected landowners of the date of the 1st sitting of the Court of Revision as required under Section 46 of the Drainage Act R.S.O. 1990.

Document 1



Robinson Consultants	Title LOCATION PLAN		Fig. No. 3.1
	Project O'KEEFE MUNICIPAL DRAIN		Job No. 17081
	Scale N.T.S.	Date NOVEMBER 2018	