



## The Regional Municipality of Durham

### Works Committee Agenda

Council Chambers  
Regional Headquarters Building  
605 Rossland Road East, Whitby

**Wednesday, June 5, 2019**

**9:30 AM**

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**1. Declarations of Interest**

**2. Adoption of Minutes**

A) Works Committee meeting – [May 8, 2019](#)

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**3. Statutory Public Meetings**

There are no statutory public meetings

**4. Delegations**

4.1 Sarah Delicate, Clarington resident, re: Lake Ontario Water Levels and the impacts on local residents

**5. Presentations**

5.1 Brian Barber, Executive Director of the Ontario Public Works Association, re: Presentation of the Ontario Public Works Association (OPWA) 2018 National Public Works Week (NPWW) Bruce Brunton Award

5.2 David Nagy, Manager, Facilities Design, Construction and Asset Management and Andrew MacIntosh, Project Manager, Facilities, re: Optimization and Modernization of Regional Workspace

**6. Waste**

6.1 Correspondence

6.2 Reports

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A)	Sole Source Purchase for Replacement Equipment at the Regional Municipality of Durham's Material Recovery Facility (2019-WR-7)	21 - 24
B)	Blue Box Litter Pilots (2019-WR-8)	25 - 37
<b>7.</b>	<b>Works</b>	
7.1	Correspondence	
7.2	Reports	
A)	Supplementary Report to Works Committee Report #2019-W-24 Cemetery Connections to the Regional Water Supply System (2019-W-42)	38 - 40
B)	Issuance of an Encroachment Agreement (2019-W-43)	41 - 44
C)	Approval to Execute a License Agreement for a Mountain Bike Trail within the Right-Of-Way on Lake Ridge Road (Regional Road 23) in the Township of Uxbridge (2019-W-45)	45 - 48
D)	Renewal of Lease for Premises with 2446225 Ontario Limited at 169 North Street, Unit #3 in the Township of Scugog for the Regional Municipality of Durham Social Services Department (2019-W-46)	49 - 51
E)	Report on Tenders and Additional Financing for The Regional Municipality of Durham Contract T-1017-2018 for the New Vehicle Wash Bay Addition at the Works Department Scugog Depot, in the Township of Scugog (2019-W-47)	52 - 56
F)	Approval of Request for a Release of Easements (2019-W-48)	57 - 61
G)	Extension of Lease for Premises with Chidley Glen Developments Limited at 3000 Garden Street, Suite 200, in the Town of Whitby for the Regional Municipality of Durham Economic Development Division, Business Advisory Centre Durham (2019-W-49)	62 - 64
H)	Award of Request for Proposal #1105-2018 for Professional Services to Produce an Overall Masterplan and Provide Full Architectural and Engineering Services for the New Region of Durham Paramedic Services Station, in the City of Pickering (2019-W-50)	65 - 68

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- I) Amendments to Regional Traffic and Parking By-Law #44-2006 (2019-W-51) 69 - 86
  - J) Award of Request for Proposal #1099-2018 for Commissioning Services for Phase 2 of the Clarington Police Complex, in the Municipality of Clarington (2019-W-52) 87 - 90

## 8. Advisory Committee Resolutions

### 8.1 Energy From Waste – Waste Management Advisory Committee

- A) Deferral of Recommendation C) of Report #2019-COW-3 91  
Recommendation: Approval and subsequent recommendation to Regional Council

## 9. Confidential Matters

### 9.1 Reports

- A) Confidential Report of the Commissioner of Works – Proposed or Pending Acquisition or Disposition of Land for Regional Corporate Purposes as it Relates to the Purchase of Lands Required for the Bus Rapid Transit Project, in the City of Pickering (2019-W-44) Under Separate Cover

## 10. Other Business

## 11. Date of Next Meeting

Wednesday, September 4, 2019 at 9:30 AM

## 12. Adjournment

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## **The Regional Municipality of Durham**

### **MINUTES**

#### **WORKS COMMITTEE**

**Wednesday, May 8, 2019**

A regular meeting of the Works Committee was held on Wednesday, May 8, 2019 in the Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby, Ontario at 9:30 AM

Present: Councillor Mitchell, Chair  
Councillor Marimpietri, Vice-Chair  
Councillor Barton  
Councillor Crawford  
Councillor McLean  
Councillor John Neal attended the meeting at 9:35 AM  
Councillor Smith  
Regional Chair Henry

Also

Present: Councillor Joe Neal  
Councillor Kerr

Staff

Present: E. Baxter-Trahair, Chief Administrative Officer  
R. Adamsz, Manager of Facilities Maintenance and Operations, Works Department  
G. Anello, Manager, Waste Planning and Technical Services, Works Department  
J. Demanuele, Director of Business Services, Works Department  
J. Green, Project Engineer – Technical Support, Works Department  
M. Hubble, Development Approvals Engineer, Works Department  
J. Hunt, Director of Legal Services, Corporate Services – Legal Services  
R. Jagannathan, Director of Transportation and Field Services, Works Department  
M. Januszkiewicz, Director of Waste Management, Works Department  
J. Paquette, Manager (Works), Corporate Communications  
J. Presta, Director of Environmental Services, Works Department  
R. Inacio, Systems Support Specialist, Corporate Services – IT  
S. Penak, Committee Clerk, Corporate Services – Legislative Services

#### **1. Declarations of Interest**

Councillor Marimpietri made a declaration of interest later in the meeting under the Municipal Conflict of Interest Act with respect to Item 7.2 F) Construction of Regional Contract D2012-2 for the Port Darlington Water Pollution Control Plant

(WPCP) Phase 2 Expansion, in the Municipality of Clarington. He indicated that he has performed work for Torbear Contracting Inc.

## 2. Adoption of Minutes

Moved by Councillor Marimpietri, Seconded by Councillor Barton,  
(60) That the minutes of the regular Works Committee meeting held on  
Wednesday, April 3, 2019, be adopted.

CARRIED

Moved by Councillor Marimpietri, Seconded by Councillor Barton,  
(61) That the agenda be altered to consider Item 5.1, Presentation to the  
Region's Works Operations Challenge Team – 2019 Ontario Champions  
at Water Environment Association of Ontario (WEAO) Operations  
Challenge next.

CARRIED

## 5. Presentations

### 5.1 Presentation to the Region's Works Operations Challenge Team – 2019 Ontario Champions at Water Environment Association of Ontario (WEAO) Operations Challenge

Chair Mitchell along with the Works Committee, congratulated the Environmental Services Branch of the Works Department for winning the Operations Challenge from the Water Environment Association of Ontario (WEAO). He noted that the Operations Challenge is a competition where teams of wastewater professionals from municipalities across Ontario demonstrate their skills and expertise.

The Ontario Champions for 2019, Durham's Sludge Hammers included: Andy Griffin; Kirk Gonsalves; Scott Meier; Nicholas Koot; Adam Hubers; and Dave Middleton.

The Sludge Hammers will go on to compete internationally, representing Ontario at the 2019 Water Environment Federation's Technical Exhibition and Conference (WEFTEC) Challenge this September in Chicago.

## 3. Statutory Public Meetings

There were no statutory public meetings.

## 4. Delegations

### 4.1 Jake Farr, re: Rainbow Crosswalks in All Municipalities within Durham Region

J. Farr appeared before the Committee on behalf of PFLAG – Durham Region, regarding having rainbow crosswalks in all municipalities within Durham Region.

J. Farr informed the Committee that PFLAG – Durham Region is a not-for-profit organization that provides support, education and resources on issues of sexual orientation and gender identity/expressions within Durham Region.

J. Farr also informed the Committee that PFLAG – Durham Region sends a message of inclusion; provides 10 on-going monthly programs; 100 education courses; and a summer camp for individuals aged 13-17.

Moved by Councillor Marimpietri, Seconded by Councillor Barton,  
(62) That J. Farr be granted a one-time 2-minute extension in order to finish his delegation.

CARRIED

J. Farr explained the significance of a pride crosswalk in each municipality, as it could be a symbol of belonging for someone. J. Farr advised the Committee that the Municipality of Clarington will be unveiling their pride crosswalk June 13, 2019. J. Farr along with PFLAG would like pride crosswalks to be seen as a community beautification project and requested that funding be put in Durham Region's annual budget for the crosswalks.

Councillor Crawford advised that the Town of Ajax is on board with a pride crosswalk and it is currently in the works.

Moved by Councillor Marimpietri, Seconded by Councillor Barton,  
(63) That the delegation by J. Farr be referred to staff for further investigation regarding implementing rainbow crosswalks in all municipalities in Durham Region.

CARRIED

4.2 D. O'Connell, Project Manager, Independent Project Managers, re: an affordable housing project being constructed at 1505 Bowmanville Avenue, in the Municipality of Clarington

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D. O'Connell, Project Manager, on behalf of Tim Neeb, President of New View Holdings Inc., appeared before the Committee regarding an affordable housing project being constructed at 1505 Bowmanville Avenue, in the Municipality of Clarington.

Prior to the meeting, D. O'Connell provided the following documentation:

- Letter from the Municipality of Clarington regarding the Site Plan Application for 50 Martin Road, Bowmanville dated May 17, 2017;
- Memorandum from the Municipality of Clarington Planning Services Department dated June 22, 2017, regarding a By-law to Remove (H) Holding Symbol; and

- Letter from the Region of Durham Planning and Economic Development Department to the Municipality of Clarington dated October 15, 2014, regarding a Zoning Amendment Application ZBA 2014-013.

D. O'Connell requested that they return to the original scope of work by providing a "temporary sidewalk along the east side of Regional Road 57 from the subject site to Aspen Springs Drive if the development proceeds in advance of the signalization of Hartwell Avenue". He added that they are not requesting additional funding for this project but that they abide by the requirements as outlined prior to their RFP response.

D. O'Connell responded to questions from the Committee.

Discussion ensued regarding the scope of the original Request for Proposal (RFP); the signalization of the intersection; and whether any meetings have taken place between the owner, the Region of Durham, and the Municipality of Clarington.

Moved by Regional Chair Henry, Seconded by Councillor Barton,  
(64) That the handout materials provided by D. O'Connell at the May 8, 2019 Works Committee meeting be referred to staff for further review; and that a meeting be arranged between the owner, and staff from the Region of Durham, and the Municipality of Clarington.

CARRIED

## 5. Presentations

### 5.1 Presentation to the Region's Works Operations Challenge Team – 2019 Ontario Champions at Water Environment Association of Ontario (WEAO) Operations Challenge

This item was considered earlier in the meeting. See page 2 of these minutes.

### 5.2 Joseph Green, Project Engineer – Technical Support, re: Effective Energy Management

J. Green provided a PowerPoint presentation regarding Effective Energy Management.

Highlights from the presentation included:

- Program History
- Regional Energy Consumption by Facility Type
- Regional Energy Consumption and Costs
- Regional Greenhouse Gas (GHG) Emissions 2014-2019
- Regional Energy and GHG savings 2014-2019
- Class A Account Management

- Annual Avoid Energy Costs 2014-2019
- Notable Energy Savings Initiatives
- Future Challenges and Opportunities
- Awards and Recognition

J. Green provided a brief overview of Durham Region's Energy Management since the year 2000 and the Regional energy consumption by facility type (stationary accounts, no vehicles or fleet). He referred to energy as including electricity and natural gas in gigajoules.

J. Green advised that there has been no re-escalation in natural gas. He advised that from 2012-2016 there was a continuous increase in energy consumption followed by a decrease as a result of the Fair Hydro Plan, and the Class A account structure being expanded to include more regional accounts. The Region now has 9 Class A accounts that has reduced costs significantly. He noted that Class A facilities are the largest facilities in the province and have a unique billing structure. He advised that participation is optional – must “opt-in” annually; performance during 5 peak hours annually determine up to 80% of annual electricity cost; but that peak hours are tough to predict and depend on Provincial demand and weather.

J. Green advised the Committee that future challenges would include: potential changes to Class A account billing which could increase costs; treatment standards and compliance requirements will increase consumption; service area growth increases consumption; and evolving GHG and carbon pricing policies through the Federal and Provincial governments.

J. Green also advised that future opportunities could include: further biogas optimization and beneficial use; on-site generation and storage potential; and technological innovation related to asset management, facility operations and energy tracking.

J. Green responded to questions from the Committee regarding the potential use of Tesla style batteries; future solar panel installations at various regional facilities; and the potential for solar panels to be placed on the Works Depots to heat them; and possible reasons for changing class accounts.

## **6. Waste**

### **6.1 Correspondence**

There were no communications to consider.

### **6.2 Reports**

There were no Waste Reports to consider.

**7. Works**

**7.1 Correspondence**

- A) Correspondence dated March 28, 2019 from the City of Oshawa, re: Resolution passed by Oshawa Council at its meeting held on March 18, 2019 regarding Downed Elevators and Municipal Response

Moved by Councillor John Neal, Seconded by Councillor Smith,  
(65) That we recommend to Council:

That the correspondence dated March 28, 2019 from the City of Oshawa regarding downed elevators and municipal response be endorsed.

CARRIED ON THE FOLLOWING  
RECORDED VOTE:

Yes

Councillor Crawford  
Councillor John Neal  
Regional Chair Henry  
Councillor Marimpietri  
Councillor Smith  
Chair Mitchell

Absent: None

Conflict: None

No

Councillor Barton  
Councillor McLean

- B) Correspondence dated April 10, 2019 from the Township of Brock, re: Resolution passed by the Public Works and Facilities Committee at their meeting held on April 8, 2019 regarding a Community Safety Zone on Simcoe Street (Regional Road 15) from Holy Family Catholic School west to Mara Road in Beaverton

Moved by Councillor Smith, Seconded by Councillor Barton,  
(66) Correspondence dated April 10, 2019 from the Township of Brock, re: Resolution passed by the Public Works and Facilities Committee at their meeting held on April 8, 2019 regarding a Community Safety Zone on Simcoe Street (Regional Road 15) from Holy Family Catholic School west to Mara Road in Beaverton be referred to staff for consideration.

CARRIED

**7.2 Reports**

- A) License Agreement with Her Majesty the Queen Right of Canada for a Portion of Lands Located at the North West Corner of Highway 7 and Sideline 26 in the City

of Pickering for the Purpose of Construction, Operation and Maintenance of a  
Water Tower and Reservoir and Related Structures (2019-W-29)

Report #2019-W-29 from S. Siopis, Commissioner of Works, was received.

Staff responded to questions regarding how large the parcel of land being leased is; and if options other than leasing were available.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,  
(67) That we recommend to Council:

- A) That a License Agreement for a portion of land being part of Federal lands north of Highway 7 and west of Sideline 26 in the City of Pickering be approved including the following terms and conditions:
- i) The term be for a period of ten years commencing June 1, 2019, ending May 31, 2029;
  - ii) The annual license fees for the ten-year period of the License Agreement are as follows:
    - For the period commencing June 1, 2019 and ending May 31, 2020, the annual amount will be \$34,312.50, plus HST;
    - For years 2 through 10, the annual rental rate will increase by 2.50% beginning June 1 of each calendar year;
- B) That the Regional Municipality of Durham will be responsible for all costs for the licensed premises; and
- C) That the Regional Chair and Clerk be authorized to execute all documents associated with the agreement.

CARRIED AS AMENDED (See Following Motion)

Moved by Regional Chair Henry, Seconded by Councillor Smith,  
(68) That the main motion (67) of Regional Chair Henry and Councillor Marimpietri be amended by adding the following as a new Part D):

- D) That staff be directed to continue discussions with the Federal government to acquire the lands; and that Report #2019-W-29 be forwarded to MP Jennifer O'Connell, and MP Mark Holland with a request for a response back to the Region.

CARRIED

- B) Report on Tenders and Additional Financing for The Regional Municipality of Durham Contract T-1008-2018 for the Lake Simcoe Water Pollution Control Plant

Air Handling Unit Replacement and Drainage Improvements, in the Township of Brock (2019-W-30)

Report #2019-W-30 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri, (69) That we recommend to Council:

- A) That the low compliant bid of Mapleridge Mechanical Contracting Inc., in the amount of \$245,000\*, be awarded for the Regional Municipality of Durham Contract T-1008-2018 resulting in a total estimated project cost of \$339,497;
- B) That the previously approved project budget of \$180,000 be increased by \$159,497 to a revised total project budget of \$339,497;
- C) That the funding for the additional project commitments in the amount of \$159,497 be provided from the following completed 2018 Tangible Capital Asset projects:

i) Item #R283: Jodrel Sewage Pumping Station (SPS) Repaving project:	\$122,000
ii) Item #N286: Lakeshore Sewage Pumping Station (SPS) Repaving project:	<u>37,497</u>
<b>Total Reallocated User Revenue Financing</b>	<b><u>\$159,497</u></b>

- D) That the Regional Chair and Clerk be authorized to execute Regional Municipality of Durham Contract T-1008-2018.  
(\* before applicable taxes

CARRIED

- C) Award of Request for Proposal #1063-2018 for Consulting Services for the Completion of a Rationalization Study Report and Production of Overall Facility Master Plans for the Ajax-Pickering, Oshawa-Whitby and Sunderland Depots (2019-W-31)

Report #2019-W-31 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri, (70) That we recommend to Council:

- A) That Request for Proposal #1063-2018 be awarded to Stirling Rothesay Consulting Inc. to provide consulting services for the completion of a rationalization study report and production of overall facility master plans for the Ajax-Pickering, Oshawa-Whitby, and Sunderland Depots, at a total upset

limit not to exceed \$199,890\* to be funded from the approved project budget;

- B) That the previously approved project budget of \$165,000 be increased by \$55,000 to a revised total project budget of \$220,000;
- C) That the additional financing in the amount of \$55,000, be provided through a reallocation of funds from the following sources:

Seaton Facility Site Master Plan (Project F1860):

Sanitary Sewerage System Capital Budget- User Revenue	\$18,333
Water Supply System Capital Budget- User Revenue	\$18,333
General Tax Capital Budget- Property Tax	<u>\$18,334</u>
Total Reallocated Financing	<u>\$55,000</u>

- D) That the Commissioner of Finance be authorized to execute the consulting services agreement.

(\* ) includes disbursements and are before applicable taxes

CARRIED

- D) Lake Ontario Collaborative Group – Memorandum of Understanding – Source Protection Plan (2019-W-32)

Report #2019-W-32 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,

(71) That we recommend to Council:

- A) That the Regional Municipality of Durham be authorized to enter into a Memorandum of Understanding with the Regional Municipality of Peel and the City of Toronto outlining the governance structure and cost sharing for the implementation of the Credit Valley-Toronto and Region-Central Lake Ontario (CTC) Source Protection Plan to the satisfaction of the Director of Legal Services; and
- B) That the Regional Chair and Clerk be authorized to execute any necessary documents or agreements.

CARRIED

- E) Regional Municipality of Durham Nomination to the Credit Valley/Toronto and Region/Central Lake Ontario Source Protection Committee (2019-W-33)

Report #2019-W-33 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,  
(72) That we recommend to Council:

- A) That in response to the call for nomination of municipal members from the Toronto and Region Source Protection Authority (TRSPA), The Regional Municipality of Durham's Director of Environmental Services (currently Mr. John Presta), be nominated as the Durham municipal member of the Credit Valley/Toronto and Region/Central Lake Ontario Region Source Protection Committee; and
- B) That a copy of Report #2019-W-33 of the Commissioner of Works be forwarded to Mr. John Mackenzie, Toronto and Region Source Protection Authority and Local Municipalities within the Regional Municipality of Durham.

CARRIED

- F) Construction of Regional Contract D2012-2 for the Port Darlington Water Pollution Control Plant (WPCP) Phase 2 Expansion, in the Municipality of Clarington (2019-W-34)

Report #2019-W-34 from S. Siopis, Commissioner of Works, was received.

Staff responded to questions regarding the administrator of the contract; whether there was consideration for making WSP (the consultant) a third party; and selection of the mediator.

At this time, Councillor Marimpietri declared a conflict of interest as he has performed work for Torbear Contracting Inc. He did not take part in the discussion or vote on the matter.

Moved by Regional Chair Henry, Seconded by Councillor Smith,  
(73) That we recommend to Council:

- A) That additional commitments be assigned to WSP Canada Inc. (WSP) for services required to analyze and assist the Director of Legal Services in defence of claims submitted by Torbear Contracting Inc. related to the construction of Regional Contract D2012-2 for the Port Darlington Water Pollution Control Plant (WPCP) Phase 2 Expansion, in the Municipality of Clarington and provide additional construction contract administrative services until the contract is complete;
- B) That a sole source consulting agreement be executed with CIMA Canada Inc. (CIMA) for services required to analyze and assist the Director of Legal Services in defence of claims submitted by Torbear Contracting Inc. (Torbear) related to the construction of Regional Contract D2012-2 for the Port Darlington Water Pollution Control Plant (WPCP) Phase 2 Expansion, in the Municipality of Clarington;

- C) That a sole source consulting agreement be executed with a third-party expert for services required in relation to the analysis and evaluation of contract entitlement, cause and effect analysis and claim qualification;
- D) That the funding for additional commitments be financed at the discretion of the Commissioner of Finance; and
- E) That the Commissioner of Finance be authorized to execute the necessary consulting services agreements and amendment to the existing agreement.

CARRIED

G) Supplemental Report on Water Quality and Quantity Concerns with Private Wells Servicing Residents on Fielding Court in the Town of Ajax (2019-W-35)

Report #2019-W-35 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Crawford, Seconded by Councillor Marimpietri,

(74) That we recommend to Council:

- A) That Regional Council declare the water on Fielding Court in the Town of Ajax a health issue; and

- B) That staff be directed to initiate a water service petition.

CARRIED

H) Approval of Request for Pre-Qualification RFPQ#-1100-2019 of General Contractors for the Construction of the Newcastle Water Supply Plant and the Port of Newcastle Sanitary Sewage Pumping Station, in the Municipality of Clarington (2019-W-36)

Report #2019-W-36 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,

(75) That we recommend to Council:

- A) That in accordance with Request for Pre-Qualification RFPQ#-1100-2019, the following general contractors be pre-qualified for the tendering of the construction of the Newcastle Water Supply Plant (WSP) and the Port of Newcastle Sanitary Sewage Pumping Station (SSPS), in the Municipality of Clarington:

- Graham Construction and Engineering LP
- Kenaidan Contracting Ltd.
- Maple Reinders Constructors Ltd.

- Matheson Constructors Limited
  - North America Construction (1993) Ltd.
- B) That the tender documents for the construction of the Newcastle Water Supply Plant and the Port of Newcastle Sanitary Sewage Pumping Station Regional Tender (D2019-009) be issued only to the above noted general contractors; and
- C) That the construction of the Newcastle Water Supply Plant and the Port of Newcastle Sanitary Sewerage Pumping Station, in the Municipality of Clarington be approved in the amount of \$55,540,000 with funding to be provided from the following sources:

Residential Development Charges	\$23,652,780
Commercial Development Charges	2,845,680
Industrial Development Charges	1,400,000
User Revenue	10,061,348
Debentures: Development Charges	5,857,400
User Revenue	11,722,792
Total Financing	<u>\$55,540,000</u>

CARRIED

- I) Report on Tenders and Additional Financing for Regional Municipality of Durham Contract D2019-026 for Simcoe Street (Regional Road 2) and Reach Street (Regional Road 8) Road Rehabilitation and Intersection Modifications in the Township of Scugog (2019-W-37)

Report #2019-W-37 from S. Siopis, Commissioner of Works, was received.

Staff responded to questions regarding the cost escalation for the project budget; and whether regional staff or a consultant would be administering the contract.

R. Jagannathan advised he would confirm whether the design work would be done by a consultant and the cost of the design work and would provide this to Councillor Joe Neal directly.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,  
(76) That we recommend to Council:

- A) That the low compliant bid of Blackstone Paving and Construction Ltd., in the amount of \$2,327,751\*, be awarded for Regional Municipality of Durham Contract D2019-026 resulting in a total estimated project cost of \$3,402,000;
- B) That the previously approved project budget of \$2,850,000 be increased by \$552,000 to a revised total project budget of \$3,402,000;
- C) That the funding for the additional project commitments in the amount of \$552,000 be provided from the following sources:

Reallocation from Contingencies within Project R1512  
Road Rehabilitation at Various Locations  
Throughout the Region of Durham:

Roads Rehabilitation Reserve Fund \$417,000

2019 Water Supply Capital Budget Item No.:74  
(Project S1903) Watermain Replacement on  
Kellett Street from Bigelow Street to 100 m north

Asset Management Reserve Fund \$60,000

Reallocation from 2019 Water Supply Capital Budget  
Item No.: 73 (Project S1902) Watermain Replacement on  
Bigelow Street from North of Kellett Street to east of Kent Street

Asset Management Reserve Fund \$75,000

**Total Reallocated Financing \$552,000**

- D) That the Regional Chair and Clerk be authorized to execute Regional Municipality of Durham Contract D2019-026.  
(\* ) before applicable taxes

CARRIED

- J) Report on Tenders and Additional Financing for Regional Municipality of Durham Contract D2019-043 for Watermain Replacement on Adelaide Avenue East (Regional Road 58) from Oshawa Boulevard North to Juliana Drive and from Mary Street North to French Street, in the City of Oshawa (2019-W-38)

Report #2019-W-38 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,  
(77) That we recommend to Council:

- A) That the low compliant bid of FDM Contracting Co Ltd., in the amount of \$1,955,000\*, be awarded for Regional Municipality of Durham Contract D2019-043 resulting in a total estimated project cost of \$2,589,976;
- B) That the previously approved project budgets of \$1,970,000 be increased by \$619,976 to a revised total project budget of \$2,589,976;
- C) That the funding for the additional project commitments in the amount of \$619,976 be provided from the following source:

Reallocation from within Project D1848 Watermain Replacement on Kingston Road:

User Revenues	<u>\$619,976</u>
<b>Total Reallocated Financing</b>	<b><u>\$619,976</u></b>

- D) That the Regional Chair and Clerk be authorized to execute Regional Municipality of Durham Contract D2019-043.  
(\* before applicable taxes

CARRIED

- K) Waste Collection at Regional Facilities and Waste Reduction Initiatives at Regional Headquarters (2019-W-39)

Report #2019-W-39 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,  
(78) That we recommend to Council:

That Report #2019-W-39 of the Commissioner of Works be received for information.

CARRIED

- L) Affordable Housing Development – 1505 Bowmanville Avenue in the Municipality of Clarington (2019-W-40)

Report #2019-W-40 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,  
(79) That we recommend to Council:

That the Council approved Region Share Policy in the Regional Development Charges By-law #28-2018 be applied to the development at 1505 Bowmanville Avenue in the Municipality of Clarington under construction by New View Holdings Inc. and that no additional Regional funding be provided for this development project.

CARRIED

**8. Advisory Committee Resolutions**

There were no advisory committee resolutions to be considered.

**9. Confidential Matters**

9.1 Reports

- A) Confidential Report of the Commissioner of Works – Proposed or Pending Acquisition or Disposition of Land for Regional Corporate Purposes as it Relates to the Purchase of Lands Required for the Bus Rapid Transit Project, in the City of Pickering (2019-W-28)
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Confidential Report #2019-W-28 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor McLean,  
(80) That we recommend to Council:

That the recommendations contained in Confidential Report #2019-W-28 of the Commissioner of Works be adopted.

CARRIED

**10. Other Business**

10.1 Roadwork for the Wynfield Long-Term Care Facility Expansion

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Moved by Councillor John Neal, Seconded by Councillor Marimpietri,  
(81) That staff be directed to investigate Ritson Road, north of Coldstream Drive in regard to implementing a right in, right out for the expansion of the Wynfield Long-Term Care Facility, in conjunction with the City of Oshawa.

CARRIED

10.2 Durham Vision Zero Task Force – Appointment of Works Committee Representative

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Moved by Councillor Marimpietri, Seconded by Councillor McLean,  
(82) That we recommend to Council:

That Councillor Crawford be appointed as the Works Committee representative on the Durham Vision Zero Task Force.

CARRIED

10.3 Garbage Pick-up in certain Condominiums in Clarington

Councillor Joe Neal raised concerns in regards to the condominiums at 42 Martin Road and the low-rise condominium between Centrefield Drive and Tooley Road, in the Municipality of Clarington being ruled in-eligible for garbage pick-up based on the turning radiuses.

J. Presta advised that staff will review the site specific conditions of the condominiums including the turning radiuses and get back to Councillor Joe Neal directly.

10.4 Construction related issues on Baseline Road in the Municipality of Clarington

Councillor Joe Neal raised concerns regarding a resident who resides on Baseline Road whose well water supply has disappeared because of structural issues arising from local construction and questioned whether any follow up has happened with that individual. J. Presta advised that he will follow-up with the individual directly if staff have not done so already, and then follow-up with Councillor Joe Neal directly.

10.5 Emergency well in the Community of Sunderland Update

In response to a question, J. Presta advised that Report #2019-INFO-22: Planning and Construction of the Emergency Well in the Community of Sunderland, in the Township of Brock, was included on the April 26, 2019 Councillor Information Package. He added the well is currently being constructed and that it should be commissioned by the end of June 2019.

J. Presta also noted that an environmental assessment has been initiated for finding a new permanent well in the Community of Sunderland.

10.6 National Public Works Week (NPWW)

Chair Mitchell informed the Committee that the annual open house to celebrate NPWW will occur on Saturday, May 25, 2019 at the Ajax Depot on Taunton Road, and will include a variety of activities for the whole family.

Chair Mitchell also informed the Committee that Durham Region was just announced as the 2018 winner of the prestigious Bruce Brunton Award from the Ontario Public Works Association. This award recognizes excellence in promoting public works through NPWW.

**11. Date of Next Meeting**

The next regularly scheduled Works Committee meeting will be held on Wednesday, June 5, 2019 at 9:30 AM in the Lower Level Boardroom (LL-C), Regional Headquarters Building, 605 Rossland Road East, Whitby.

**12. Adjournment**

Moved by Regional Chair Henry, Seconded by Councillor McLean,  
(83) That the meeting be adjourned.

CARRIED

The meeting adjourned at 10:52 AM

Respectfully submitted,

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D. Mitchell, Chair

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S. Penak, Committee Clerk



# The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-WR-7](#)  
Date: June 5, 2019

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**Subject:**

Sole Source Purchase for Replacement Equipment at the Regional Municipality of Durham's Material Recovery Facility

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**Recommendation:**

That the Works Committee recommends to Regional Council:

- a) That the purchase of replacement equipment required for the Region's Material Recovery Facility be sole sourced from the original equipment provider, Machinex Recycling Services, at a total cost not to exceed \$600,000\* to be funded from the approved 2019 Solid Waste Management Major Capital Budget.
- 

**Report:**

**1. Purpose**

- 1.1 The purpose of this report is to seek authority to enter into a sole source agreement with Machinex Recycling Services for the purchase of replacement equipment for the Material Recovery Facility (MRF). Dollar amounts followed by an asterisk (\*) are before applicable taxes in all instances.

**2. Equipment Condition Assessment**

- 2.1 Staff retained GHD Limited and subcontractors Marshal Industrial and Machinex Recycling Services, to conduct an equipment condition analysis at the MRF. The equipment analysis was conducted on March 26, 27 and 28, 2019.
- 2.2 The equipment assessment report concluded that the majority of the processing

equipment was in good working condition and that the operator was making the necessary repairs to the equipment, as required. The report indicated that, with proper cleaning and maintenance, the equipment should continue to operate reliably for another 10 or more years. However, the report also identified six original pieces of essential equipment that require immediate replacement to avoid facility downtime and costly delays.

### 3. Discussion

- 3.1 Machinex Recycling Services is the original designer, builder and installer of all of the equipment in the MRF. It is imperative that any replacement of essential equipment be designed, built and installed by the original equipment supplier to ensure compatibility with existing programmable logic control equipment and avoid costly downtime and repairs or alterations due to incompatibility of equipment from other suppliers.
- 3.2 The MRF is currently operating in its twelfth year and processes an average of 900 tonnes of Blue Box material every week. The equipment listed in this report is original equipment that is at the end of its useful life. It is imperative that any replacement of essential equipment be completed quickly and efficiently with compatible equipment to ensure processing operations continue efficiently and without facility shutdown, storage overflow or costly repairs or alterations due to incompatible equipment from other suppliers.
- 3.3 The replacement of essential operating equipment at the MRF will ensure regulatory and safety compliance is maintained.

### 4. Financial Implications

- 4.1 The total cost for the proposed equipment replacement is estimated at \$583,790\* and will be funded from the approved 2019 Solid Waste Management Major Capital Budget. The list of equipment requiring immediate replacement is listed in the following table.

<b>Equipment Number</b>	<b>Description</b>	<b>Condition</b>	<b>Comments</b>	<b>Machinex Replacement Cost Quote *</b>
C-30	Infeed chain roller conveyor	4 (Poor)	This conveyor is badly worn on both the frame and chain belt.	\$85,000

<b>Equipment Number</b>	<b>Description</b>	<b>Condition</b>	<b>Comments</b>	<b>Machinex Replacement Cost Quote *</b>
C-31	Incline transfer chain roller conveyor	4 (Poor)	This conveyor is badly worn on both the frame and chain belt.	\$122,790
C-40	Glass transfer slider bed conveyor	5 (Very Poor)	Belting is worn out, frames has warn through and has some patch ups.	\$45,000
C-43	Slider mixed glass transfer conveyor	4 (Poor)	Belt narrow for conveyor width, bed worn through in places, no head lagging. Needs overhaul.	\$56,000
C-26	Bunker reclaim conveyor	4 (Poor)	A lot of wear on rollers, pins and rails. Rubber belting is spongy and soft.	\$120,000
C-27	Baler feed transfer conveyor	4 (Poor)	Extreme wear on rollers, pins and rails. Rollers, rails and tracks should be replaced very soon	\$155,000
<b>TOTAL</b>	-	-	-	<b>\$583,790</b>

## 5. Conclusion

- 5.1 The Works Department recommends that the purchase of replacement equipment required for the Material Recovery Facility be sole sourced from the original equipment provider, Machinex Recycling Services, at a total cost not to exceed \$600,000\*.
- 5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the recommendation.

5.3 For additional information, please contact Craig Bartlett, Manager, Waste Operations, at 905-668-7711 ext. 3561.

Respectfully submitted,

**Original signed by John Presta for:**

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Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

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Elaine C. Baxter-Trahair  
Chief Administrative Officer



# The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-WR-8](#)  
Date: June 5, 2019

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**Subject:**

Blue Box Litter Pilots

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**Recommendation:**

That the Works Committee recommends to Regional Council that this report be received for information.

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**Report:**

**1. Purpose**

- 1.1 The purpose of this report is to provide a summary of the initial findings from the pilot projects focused on reducing Blue Box litter. As well, this report provides an update on the testing of an innovative Blue Box lid designed and produced jointly by the Regional Municipality of Durham (Region) and a private sector company (Emterra). Preliminary observations and operational considerations of this new lid are presented in this report.

**2. Background**

- 2.1 Regional Report #2018-COW-143 directed staff to initiate pilot projects to investigate the impact of an education program and the provision of additional Blue Boxes to reduce Blue Box related litter and to report back to Regional Council.

- 2.2 Staff reviewed options available in the marketplace to mitigate litter on windy days. Optimal solutions were identified and the most cost effective and viable scenarios were investigated. Three pilot projects were chosen to move forward.
- 2.3 The first pilot tested the impact of providing an additional free Blue Box to each household to determine if increasing capacity to reduce overflowing bins could reduce Blue Box litter.
- 2.4 The second pilot project tested the impact of enhanced education on litter prevention (Attachments #1a to #1c).
- 2.5 The third pilot project tested the acceptance and effectiveness of a new and innovative “Designed in Durham” solution Blue Box lid, manufactured from old recycled tires to reduce Blue Box litter.
- 2.6 Each of the pilots were coordinated and undertaken in cooperation with the Region’s recycling collection service providers.

### **3. Litter Pilot Projects**

- 3.1 The Blue Box litter pilot projects were undertaken in identified high wind areas during historically windy periods (October to December 2018; March to May 2019) and with consideration for litter complaint concentrations.
- 3.2 Staff monitored litter and Blue Box set outs (participation rates, number of Blue Boxes per set out, and how full each Blue Box was) before the start of each pilot to establish the baseline Blue Box set-out data. The fill level of each box was monitored because recycling materials can easily blow out of overflowing Blue Boxes during windy days and create litter.
- 3.3 Residents were then provided the tools related to each pilot project (additional Blue Box, educational material or lid). Blue Box set out information was recorded to track any improvements after the introduction of the respective test items intended to reduce Blue Box litter.
- 3.4 In the final week of the initial pilot projects, staff visited each test home and spoke with residents to either complete an online survey with them immediately or to provide a card with instructions on how they could complete the online survey on their own. Attachment #2 includes survey results.

**Pilot 1 - Additional Blue Box Capacity (October - November 2018)**

- 3.5 One additional large Blue Box was delivered to the 406 residential homes in Whitby Shores, a subdivision adjacent to Lake Ontario (refer to map in Attachment #2). This area was chosen because it is prone to overflowing Blue Boxes and high offshore winds. Recycling collection was monitored for three weeks.
- 3.6 Pilot 1 concluded that providing an additional Blue Box had some effect on reducing Blue Box litter due to the reduction of overfilled Blue Boxes. There was an 11 per cent increase in the number of Blue Boxes set out after the additional Blue Box was distributed, but more importantly, the additional Blue Box resulted in a greater than 50 per cent reduction in the number of households setting out overflowing Blue Boxes. It was also noted that many residents simply used the additional Blue Box to replace their existing damaged Blue Boxes or the assortment of alternative containers they were using as Blue Boxes (e.g. laundry baskets, milk crates, cardboard boxes, etc.).

**Pilot 2 - Targeted Promotion and Education (November 2018)**

- 3.7 A promotion and education (P&E) pilot was designed to provide residents tips on how to reduce Blue Box litter (Attachments #1a and #1b). The pilot area included 691 residential homes in the Port of Newcastle (refer to map in Attachment #2).
- 3.8 Pilot 2 concluded that the educational material provided to residents had minimal impact on the Blue Box set out habits to control litter. Set out data indicates that residents ignored the tips provided to reduce Blue Box litter and continued to set out overflowing Blue Boxes. While many residents followed the direction to not set out Blue Boxes during inclement weather, this had the undesired effect of residents setting out two weeks worth of recyclables on the following week resulting in a 60 per cent increase in the number of overflowing Blue Boxes and the increased potential for litter. Despite these findings, residents expressed appreciation for the additional education provided by the Region to address Blue Box litter in the neighbourhood.

**Pilot 3 - “Put a Lid on Litter” (April 2019 - ongoing)**

- 3.9 In 2014, Works Committee Report #2014-WR-4 “Information Report on Various Strategies Used or Tested by Other Municipalities for the Mitigation of Litter from Blue Box Set Outs” summarized numerous lid options and the findings of Blue Box litter studies previously conducted by other municipalities. Building off this

report, updated research found that existing plastic rigid lids do not fit most Blue Boxes distributed to residents in the Region and can often break, blow away, and in some cases, contributed to Blue Box litter.

- 3.10 Staff developed a new prototype lid in partnership with Emterra, a used tire processor. The lid is made from recycled tire crumb rubber and is designed to fit and lock in place using die-cut corners that loop over the corners of Blue Boxes. This design effectively prevents residents from over filling their Blue Boxes and keeps recyclable material from blowing out.
- 3.11 This pilot was initially designed to have one lid provided to each of the 695 total homes in two pilot project areas in the Towns of Ajax and Whitby (refer to map in Attachment 2). Through baseline monitoring, staff determined that most households had broken Blue Boxes or alternative containers that could not hold any kind of lid. Consequently, the pilot was re-designed to also provide each household with one new Blue Box with a lid already attached. This had the added benefit of showing residents how to properly use the lid (see Attachment #1c).
- 3.12 Pilot 3 was undertaken with similar monitoring and data gathering as the other pilots. Overflow of Blue Box material decreased significantly during the pilot. Despite the initial average use of lids among all households in the pilot areas is averaging about 45 per cent, initial results show that the lid may be contributing to a greater than 50 percent reduction in the number of over filled Blue Boxes being set out each week.
- 3.13 Although not part of the lid pilot, staff have noted other key elements of the lid's positive attributes. The lid has a flat surface which offers potential for advertising revenue. This revenue could be used by the Region to offset the cost to produce and distribute the lids should Council elect to proceed with this initiative. The lid has also been found to keep material in the Blue Box dry. This condition could have direct benefits to the quality and market value of recyclables received at the Region's recycling facility during inclement weather.
- 3.14 Further monitoring of the lid pilot areas is required before staff can make any recommendations on next steps.

#### 4. Pilot Project Findings

4.1 The table below summarizes the initial observations of each pilot project:

<b>Pilot Project</b>	<b>Observations</b>
Additional Blue Box	Residents used additional box to replace damaged or other boxes they were using to set out recycling. The additional Blue Box resulted in a greater than 50 per cent reduction in the number of households setting out overflowing Blue Boxes.
Targeted Promotion and Education	Residents appreciated the effort to encourage litter reduction; however, in most cases did not implement the litter reduction tips and there was no significant improvement on the set out of overfilled boxes and generation of litter. The third week saw a 60 per cent increase in the number of over filled Blue Boxes being set out for collection.
Blue Box and Lid	Greater than 50 per cent reduction in the number of overflowing Blue Boxes being set out. Currently about 45 per cent of test pilot residents are using the Blue Box lids. Testing during windy events has demonstrated that the lid is effective at containing recyclables, even when the wind tips the Blue Boxes over. Initial comments from the pilot's residents and the Region's collection workers on the ease of use has been positive, but further monitoring will continue in the pilot areas.

#### 5. Other Findings

5.1 In all three pilot project areas, staff has observed that many residents do not have adequate Region-provided Blue Boxes. Many residents have Blue Boxes that are broken/cracked, and others supplement their Blue Boxes with alternate totes and baskets that are not in compliance with the Region's Waste Management By-law #46-2011. The Region's recycling collection service providers have also raised concern regarding the number of non-compliant oversized containers being used to set out recycling and their impact on the health and safety of the collection workers.

5.2 The Region needs to examine its Blue Box distribution program to see what alternatives may be available to ensure all the Region's residents receiving curbside service have the proper types and quantities of containers for

participating in the Region's residential Blue Box collection program.

- 5.3 Resident feedback from the surveys and in social media indicates a strong desire for Toronto-style recycling carts. This feedback highlights the difficulty in targeting programs to Durham Region residents who have moved from other areas or who commute to and from Toronto and who are exposed to programs in other jurisdictions. It also demonstrates a lack of understanding of the significant capital costs of providing each home with a recycling cart. In addition, cart distribution, repair and replacement, capital costs for new trucks, and the costs for equipment changes and upgrades to convert the Region's existing 2-stream Material Recover Facility into a single stream facility would be significant. Finally, the Region's existing two-stream recycling programs has proven to result in lower net processing costs, lower contamination rates and higher quality marketable recyclable materials compared to single-stream cart-based recycling systems.
- 5.4 In addition to the above and given the ongoing scrutiny on the quality of materials by the international recycling markets, the Region must increase its focus on educating residents on the benefits of its two-stream recycling system and to better educate residents on the importance of sorting and decreasing contamination.

## **6. Conclusion**

- 6.1 Three separate pilots were undertaken involving a total of 1,767 homes in the Town of Whitby, the Municipality of Clarington and the Town of Ajax to test methods to reduce Blue Box litter.
- 6.2 Further monitoring of the lid pilot areas is required before staff can make recommendations on next steps. In addition to the continued monitoring, staff will need to consider the potential impacts of the following:
- a. The Province's transition to full Extended Producer Responsibility (EPR) for Blue Box material is anticipated to begin as early as 2020. This has potential implications for any plans Durham may have for investing in additional Blue Boxes and lids being provided for residents:
  - b. Third party sponsorship/financing opportunities to offset the cost of providing lids to residents, if Council decides to proceed with this option; and
  - c. Opportunity to modify the lid to universally fit the multiple Blue Box designs available on the market.

6.3 For additional information, contact: Craig Bartlett, Manager, Waste Operations, at 905-668-7711, extension 3561.

**7. Attachments**

Attachment 1a: P&E Pilot Project Area Door Hanger

Attachment 1b: P&E Pilot Project Area Waste Management Guide Sleeve

Attachment 1c: Lid Pilot Project Area Instructional Sticker

Attachment 2: Pilot Projects Map and Data Summaries

Respectfully submitted,

**Original signed by John Presta for:**

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Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

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Elaine C. Baxter-Trahair  
Chief Administrative Officer

Attachment 1a to Report #2019-WR-8: P&E Pilot Project Area Door Hanger



**Keep litter tamed  
on windy days.**

**Your neighbours will  
appreciate it.**

**Help prevent litter by  
following these tips:**

- ✓ Stack your blue boxes at the curb, with papers held securely underneath the containers box.
- ✓ Don't overfill your blue boxes. Keep material below the rim.
- ✓ Bundle cardboard and newspapers separately. These bundles can act as a "lid" for your blue box.
- ✓ Crush your cans and bottles down in your containers blue box, and flatten your boxes down in your paper box.
- ✓ Put your blue box out for collection in the morning by 7 a.m. rather than the night before.



**durham.ca/waste**

If this information is required in an accessible format, please call 1-800-667-5671.

## **Tips for Reducing Litter on Windy Days**

Windy days tend to make recyclables fly out of blue boxes and end up as litter on our streets and our yards.

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Help prevent litter by following these tips:

- Bundle cardboard and newspaper separately. These bundles can act as a “lid” for your blue box.
- Stack blue boxes to stop paper from blowing away.
- Don't overfill your blue box. Keep material below the rim to prevent the wind from catching it and blowing it out of the bin. There is no limit for the number of blue boxes placed out for weekly collection. Additional boxes can be purchased from the Waste Management Centre located at 4600 Garrard Rd. N. Whitby, Monday to Friday between 8 a.m. and 5 p.m.
- Crush your cans and bottles down in your containers blue box, and flatten your boxes down in your papers box. This saves a lot of space, and will reduce the possibility of material blowing out of your blue box on windy days.
- Put your blue box out for collection in the morning by 7 a.m. rather than the night before.
- If you are concerned about high winds, consider holding your recycling until next week.

**Your neighbours will appreciate it.**

Attachment 1c to Report #2019-WR-8: Lid Pilot Project Area Instructional Sticker

# Put A Lid On Litter!

Your neighbourhood has been chosen to test this new prototype lid. Made from recycled tires, it's designed to keep recyclable material from blowing out of your blue box.

- Use the lid on either your "Containers" or your "Papers" blue box.
- Secure the corners of the lid to hold the material in place before placing it at the curb.
- On windy days stack your bins and put the bin with the lid on the top. This will keep all material secure.

Contact us at 1-800-667-5671 if you have any questions. We welcome your feedback. An online survey will be available after the pilot.

Thank you for your participation.

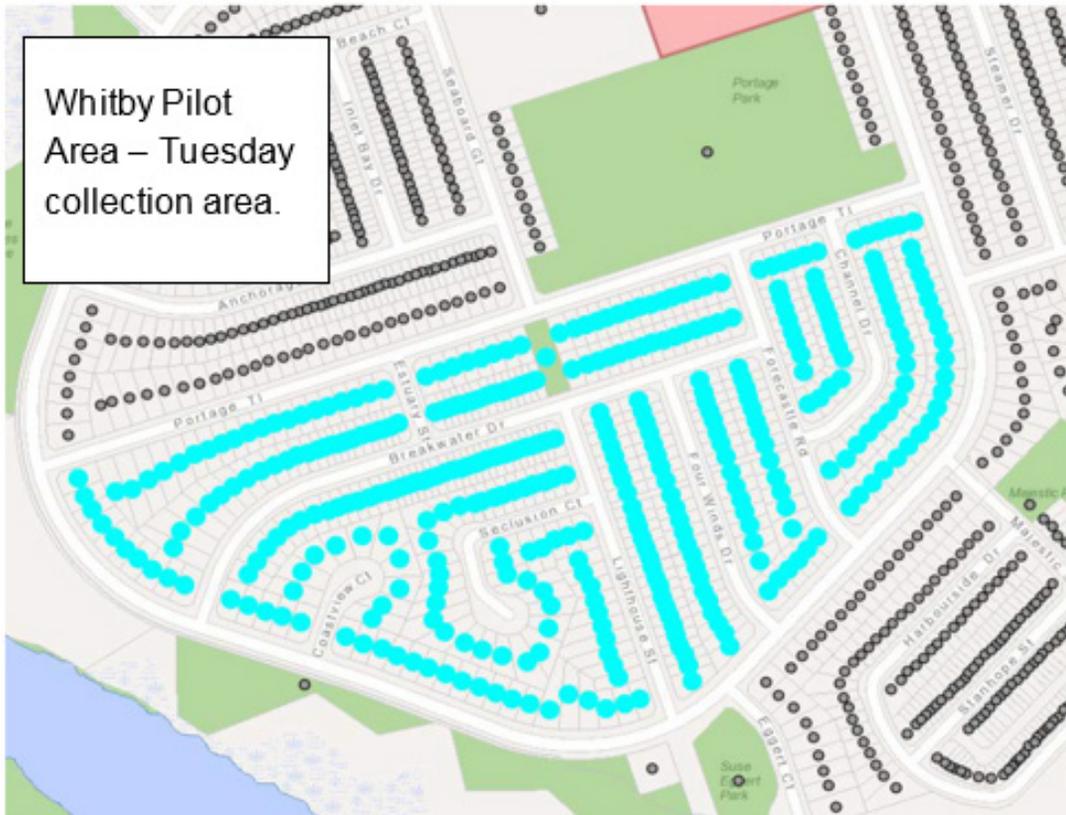


[durham.ca/waste](http://durham.ca/waste)

If you require this information in an accessible format, please contact 1-800-667-5671.

**Attachment 2 to Report #2019-WR-8: Pilot Projects Map and Data Summaries**

**Pilot 1: Additional Blue Box**

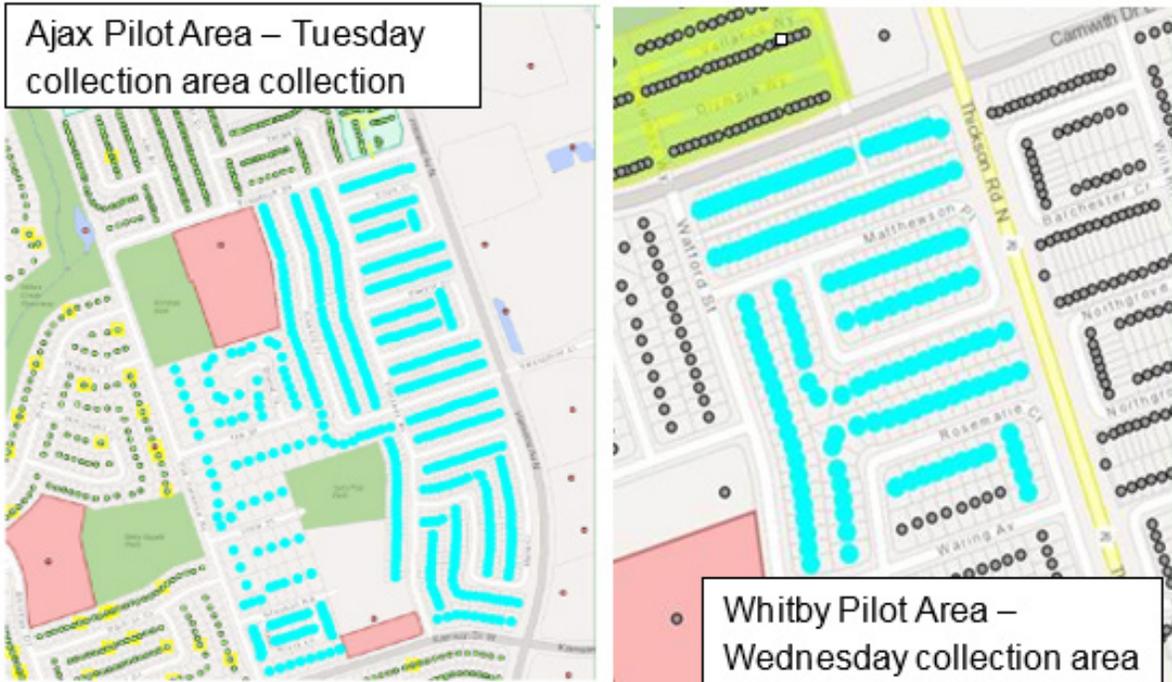


SUMMARY					
PILOT 1 - Additional blue box	Baseline	Boxes Delivered Oct. 30	Week 1	Week 2	Week 3
Whitby Shores (Oct 23-Nov 20)	23-Oct-18		6-Nov-18	13-Nov-18	20-Nov-18
Total homes in pilot area	406		406	406	406
Total homes with set-out	302		326	362	312
# Overflowing locations	73		37	25	66
% homes with overflow of bins set out	24.2	11.3	6.9	21.2	



**Attachment 2 to Report #2019-WR-8: Pilot Projects Map and Data Summaries**

**Pilot 3: Blue Box and Lids**



SUMMARY					
<b>PILOT 3 - Lid</b>	<b>Baseline</b>	<b>Lid Delivered Ap 15</b>	<b>Week 1</b>	<b>Week 2</b>	<b>Week 3</b>
<b>Ajax (April 9-April 30)</b>	<b>9-Apr-19</b>		<b>16-Apr-19</b>	<b>23-Apr-19</b>	<b>30-Apr-19</b>
Total homes in pilot area	517		517	517	517
Total homes with set-out	443		484	453	469
# Overflowing locations	106		48	33	27
% homes with overflow of bins set out	23.9		9.9	7.3	5.8
% using lids			40%	43%	40%
<b>PILOT 3 - Lid</b>	<b>Baseline</b>	<b>Lid Delivered Ap 16</b>	<b>Week 1</b>	<b>Week 2</b>	<b>Week 3</b>
<b>Whitby (April 10-May 1)</b>	<b>10-Apr-19</b>		<b>17-Apr-19</b>	<b>25-Apr-19</b>	<b>1-May-19</b>
Total homes in pilot area	153		153	153	153
Total homes with set-out	145		141	120	135
# Overflowing locations	27		35	3	7
% homes with overflow of bins set out	18.6		24.8	2.5	5.2
% using lids		50%	48%	51%	



# The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioners of Works  
Report: [#2019-W-42](#)  
Date: June 5, 2019

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**Subject:**

Supplementary Report to Works Committee Report #2019-W-24 Cemetery Connections to the Regional Water Supply System

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**Recommendations:**

That the Works Committee recommends to Regional Council:

- A) That the requirements of the Regional Municipality of Durham's Water Supply System By-Law Number 89-2003 (as amended) not be waived, resulting in frontage charges being paid prior to connecting to the Regional Municipality of Durham's Water Supply System;
  - B) That the Pine Grove Cemetery be required to pay frontage charges, be responsible for the actual cost of constructing the connection to the Region's Water Supply System and all works on private property; and
  - C) That a copy of this report be provided to Mr. Alex Williamson, President, Pine Grove Cemetery Board.
- 

**Report:**

**1. Purpose**

- 1.1 At the March 27, 2019 Regional Council meeting, Council referred Works Committee Report #2019-W-24 back to staff for a report to consider the provisions of water frontage charges for cemeteries, and included suggestions that the Pine Grove Cemetery may be "unfit for building purposes" (per subsection 32(3)(b) of the Bylaw) and as such frontage charges should be

reduced further. This report provides supplementary information regarding frontage fees and the impacts of any such waiver.

## **2. Frontage Charges**

- 2.1 The Regional Municipality of Durham (Region) imposes frontage charges to reimburse the Regional rate payers for projects where the Region contributed towards the capital cost of Regional infrastructure using user rate funding and no previous contribution to the capital costs have been made related to the subject property.
- 2.2 The Water Supply System is funded by water user rate payers through water billing and through payment of the capital construction costs of the services through, among other methods, frontage charges.
- 2.3 The frontage charge rate is subject to an annual review by the Commissioners of Finance and Works and is based on full cost recovery. The frontage charges are identified in the Listing of Fees and Charges and approved by Regional Council on an annual basis.
- 2.4 The Region collects frontage charges in accordance with Water Supply System By-Law Number 89-2003 (as amended). Regional staff do not have the authority to reduce the frontage charges unless the lot is subject to specific requirements identified in subsection 32 (3)(c) and (4) of the By-Law. Regional staff have already recommended a reduction in the amount of frontage charges based on subsection 32, by collecting charges based on the shorter of the two frontages.
- 2.5 Should Works Committee and Regional Council wish to waive these charges, the by-law would need to be revised and the sewer and water rates would need to increase to account for lots which would be waived from paying frontage charges as frontage charges are based on full cost recovery.

2.6 Staff have considered the possibility of invoking bylaw provision 32(3)(b) which states that frontage charges may be reduced for “lots that are for any reason wholly or in part unfit for building purposes”. This provision refers to natural features which includes such features as provincially significant wetlands, flood lines, significant valley lands, etc. for which planning policies are in place that prevent building within these defined limits. As none of these natural features exist on the Pine Grove Cemetery lands, frontage charges for this application should not be reduced further.

### **3. Conclusion**

3.1 As requested by Regional Council at its meeting of March 27, 2019, this report provides supplemental information related to the frontage charges for cemetery connections to the Regional Municipality of Durham’s Water Supply System.

3.2 In conformance with the Regional Municipality of Durham’s Water Supply System By-Law Number 89-2003 (as amended), the Pine Grove Cemetery is required to pay frontage charges, provide a water meter room, and is responsible for the cost of connecting to the Regional Municipality of Durham’s Water Supply System including all works on private property.

3.3 For additional information, please contact Mike Hubble, Project Manager, Development Approvals, at 905-668-7711, extension 3460.

Respectfully submitted,

**Original signed by:**

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Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

---

Elaine Baxter-Trahair  
Chief Administrative Officer



# The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-43](#)  
Date: June 5, 2019

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**Subject:**

Issuance of an Encroachment Agreement

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**Recommendation:**

That the Works Committee recommends to Regional Council:

- a) That the Encroachment Agreement negotiated between the owners of the property located at the municipal address of 27 Hillcourt Avenue in the Town of Whitby and the Regional Municipality of Durham permitting the encroachment of a fence onto the Brock Street Road Allowance at that municipal address for a nominal sum be approved; and
  - b) That the Regional Chair and Clerk be authorized to execute any necessary documents or agreements.
- 

**Report:**

**1. Purpose**

- 1.1 This report seeks approval of an encroachment agreement between the Regional Municipality of Durham (Region) and Christopher Arnburg and Amanda Boward (the Owners) for the encroachment of a fence approximately 0.9 metres(3 feet) onto Brock Street road allowance at 27 Hillcourt Avenue, in the Town of Whitby (Whitby).

**2. Background**

- 2.1 The subject property, known municipally as 27 Hillcourt Avenue, is located on the west side of Brock Street between Taunton Road and Rossland Road in Whitby.

- 2.2 The Region purchased a road widening from this property for the reconstruction of Brock Street (Regional Road No. 12). As a result of the Region's planned road work on Brock Street, the owners' existing fence will be removed. The owners have requested to reinstall a new fence in the same location as the current fence which will encroach onto the Region's road allowance by approximately 0.9 metres (3 feet).
- 2.3 The owners were previously compensated for the cost of reconstructing the fence and will be hiring a contractor to build the new fence.
- 2.4 As a condition of the Encroachment Agreement, the owners will agree to remove the fence in the event that the property is required by the Region for Regional purposes.
- 2.5 The applicant has agreed to indemnify and save the Region harmless against any costs, claims for damages, charges, actions, suits or demands or expenses incurred by the Region that may occur as a result of this encroachment.

### **3. Conclusion**

- 3.1 Works Department staff has reviewed this request and recommended the issuance of an Encroachment Agreement, subject to the removal of the encroachment at the cost of the applicant, when the road allowance is required for Regional purposes at a nominal sum.
- 3.2 This report has been reviewed by the Legal Services Division of the Corporate Services Department.
- 3.3 For additional information, please contact Jeremy Harness, Manager, Financial Services and Corporate Real Estate, at 905-668-7711, extension 3475.

**4. Attachments**

Attachment #1: Location Map-Property of Interest

Respectfully submitted,

**Original signed by John Presta for:**

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Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

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Elaine C. Baxter-Trahair  
Chief Administrative Officer



## Attachment #1: Location Map-Property of Interest Encroachment-Fence 27 Hillcourt Avenue, Town of Whitby

x - x - Proposed Fence Encroachment

 New Road Allowance

 Assessment Parcels



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# The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-45](#)  
Date: June 5, 2019

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**Subject:**

Approval to Execute a Licence Agreement for a Mountain Bike Trail within the Right-Of-Way on Lake Ridge Road (Regional Road 23) in the Township of Uxbridge

---

**Recommendation:**

That the Works Committee recommends to Regional Council:

- a) That the Regional Municipality of Durham be authorized to enter into a License Agreement with Durham Mountain Biking Association for a mountain bike trail located within the Lake Ridge Road (Regional Road 23) road allowance, with costs and liability for trail, construction, use and maintenance to be the sole responsibility of the Durham Mountain Bike Association; and
  - b) That the Regional Chair and Clerk be authorized to execute the Licence Agreement.
- 

**Report:**

**1. Purpose**

- 1.1 The purpose of this report is to seek approval to execute a license agreement with Durham Mountain Biking Association (DMBA) to allow DMBA to construct and maintain a trail to be used by the public for mountain bike trail users between Uxbridge Pickering Townline Road and Dagmar North Forest.

## **2. Background**

- 2.1 On June 13, 2018, Regional Municipality of Durham (Region) Council adopted the recommendation as follows:

“That the request of the Durham Mountain Biking Association regarding a letter of support for a new Trail on Lake Ridge Road along with parking on the side of the road allowance of an unopened municipal boundary road, at zero cost to the Durham Region, be endorsed, as this reflects the goals of the Region of Durham for active transportation.”

- 2.2 DMBA submitted a request to enter into a licence agreement with the Region to construct and maintain a trail along Lake Ridge Road within the Region’s road allowance.

## **3. Discussion**

- 3.1 The purpose of the trail is to allow users of the Dagmar North Forest to park their vehicles on Uxbridge Pickering Townline Road and then safely ride within the Region’s road allowance to the entrance of Dagmar North Forest (approximately 825 metres).

- 3.2 The license agreement requires DMBA to initially construct the trail and provide two stop signs at each driveway crossing along the right of way. DMBA will be required to inspect the trail regularly to ensure that the operating conditions of the trail and signage are in good condition and repair. DMBA must maintain a record of inspection and provide the records to the Region when requested.

- 3.3 The licence agreement will remain in place until cancelled with 6 months’ notice by either party. While not responsible for inspection and repair of the trail, the Region may close the trail and/or terminate the agreement immediately should there be an emergent reason or, at its discretion, consider the Trail to be unsafe.

## **4. Financial Implications**

- 4.1 DMBA will assume the full financial costs related to construction, signage and maintenance of the trail.

**5. Conclusion**

- 5.1 It is recommended that the Regional Municipality of Durham enter a license agreement with the Durham Mountain Bike Association for the trail located within the road allowance along Lake Ridge Road in the Township of Uxbridge, with the Durham Mountain Bike Association to assume all costs.
- 5.2 This report has been reviewed by the Finance Department and by the Legal Services Division of the Corporate Services Department.
- 5.3 For additional information, please contact Jeremy Harness, Manager, Financial Services and Corporate Real Estate, at 905-668-7711, extension 3475.

**6. Attachments**

Attachment #1: Location Map

Respectfully submitted,

**Original signed by John Presta for:**

---

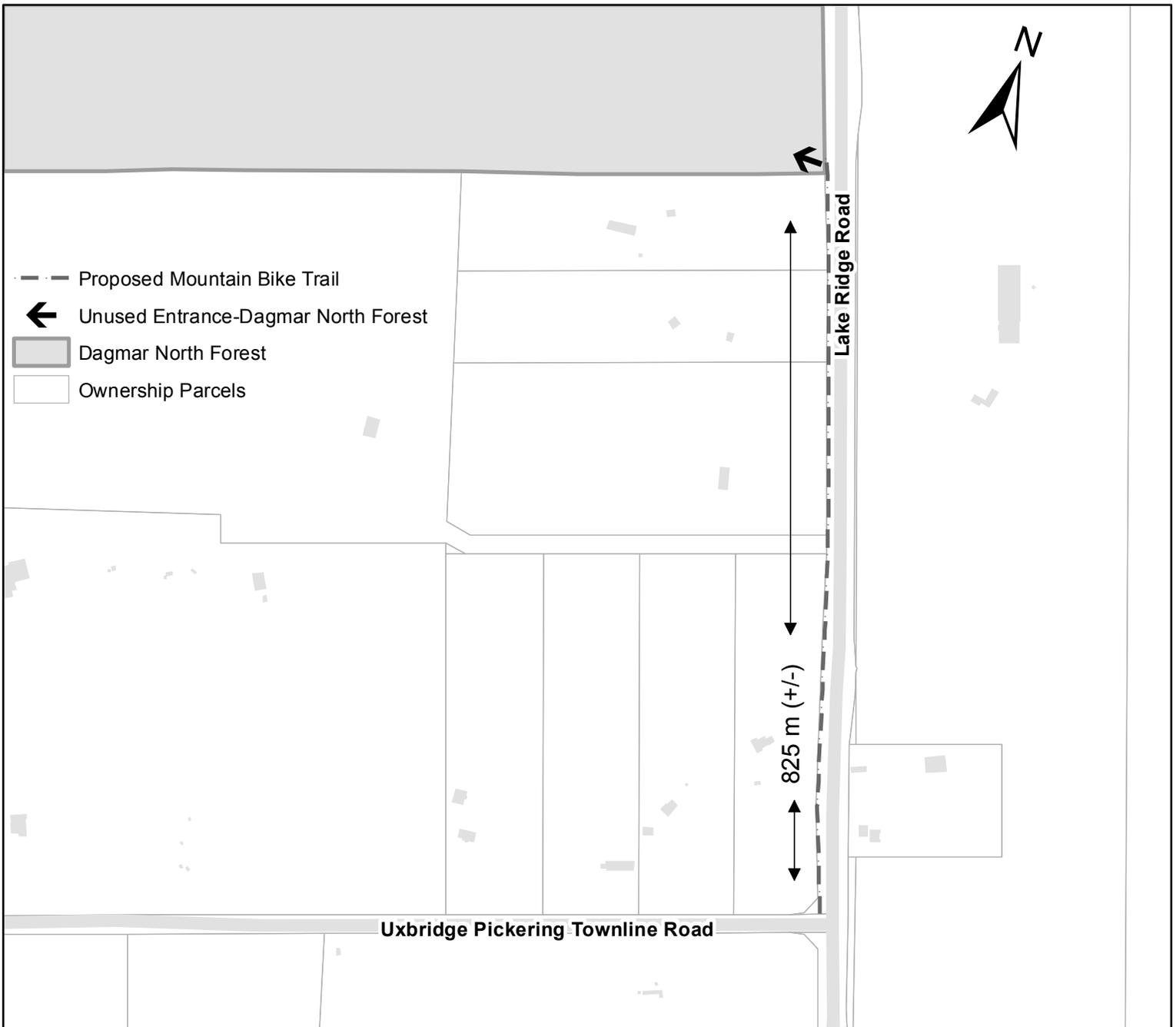
Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

---

Elaine C. Baxter-Trahair  
Chief Administrative Officer



## Attachment #1: Location Map-Property of Interest

Sketch of Approximate Trail Location  
within Regional Road No. 23 Road Allowance  
Approximately 2 metres from the Fence Line

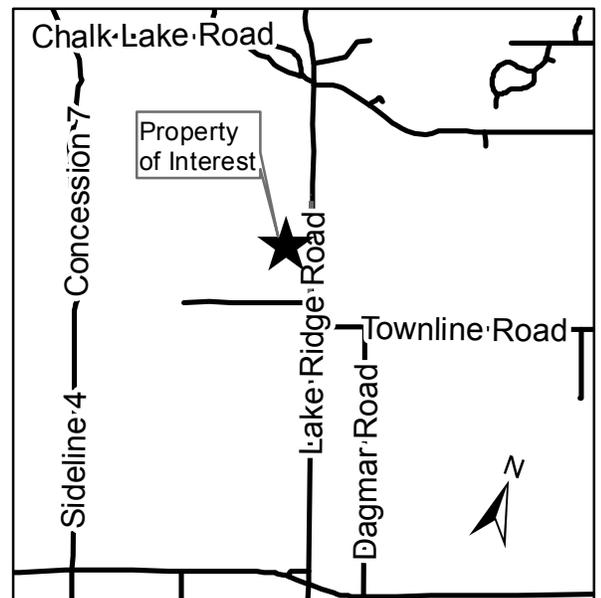


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## The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-46](#)  
Date: June 5, 2019

---

**Subject:**

Renewal of Lease for Premises with 2446225 Ontario Limited at 169 North Street, Unit #3 in the Township of Scugog for the Regional Municipality of Durham Social Services Department

---

**Recommendations:**

The Works Committee recommends to Regional Council:

- A) That the renewal of lease for 46.45 square metres (500 square feet) of office space, being part of the building located at 169 North Street, Unit #3, in the Township of Scugog be approved with the following terms and conditions:
  - i) The term is for a period of two years commencing August 1, 2019, ending July 31, 2021, with an option to extend for an additional two years subject to the rental rate being negotiated;
  - ii) The annual rental rate for the two-year period of the lease is \$15,160\* based on a rate of \$326.37\* per square metre (\$30.32 per square foot);
  - iii) The Landlord is responsible for all operating costs for the building, common areas and the leased premises;
  - iv) The Region is responsible for a proportionate share of any applicable property taxes; and
- B) That the Regional Chair and Clerk be authorized to execute all documents associated with the lease agreement.

**Report:****1. Purpose**

- 1.1 This report seeks authorization for the Regional Municipality of Durham (Region) to renew the lease agreement with 2446225 Ontario Limited at 169 North Street, Unit #3, in the Township of Scugog (Scugog) for the Social Services Department, Family Services Division. Dollar amounts followed by an asterisk (\*) are before applicable taxes in all instances.

**2. Background**

- 2.1 The Region has leased 46.45 square metres (500 square feet) of space at 169 North Street in Scugog since July 1988 for the Region's Social Services Department Family Services Division. Social Services has advised they wish to renew the lease arrangement at this location.

**3. Discussions**

- 3.1 The proposed renewal is for a period of two years as a result of the terms and conditions in the previous lease renewal agreement. The term of two years commences August 1, 2019 and ends July 31, 2021. There is an option to extend for an additional two years subject to the rental rate being negotiated.
- 3.2 The total annual rental rate is \$15,160\* for the \$326.37\* per square metre (\$30.32\* per square foot) per annum\*. The Region was previously paying \$320.66\* per square metre (\$29.79\* per square foot) per annum.
- 3.3 The Landlord is responsible for all operating costs for the building, common areas and the leased premises.
- 3.4 The Region is responsible for a proportionate share of any applicable property tax estimated at \$1,582 in 2019.

**4. Financial Implications**

- 4.1 Financing for the renewal of lease of \$15,160\* and related costs per annum will continue to be provided within the Social Services Department, Family Services Division Operating Budget for this facility.

4.2 Since approval of this lease renewal requires a long-term financial obligation, the Regional Treasurer has updated the Region's financial debt and obligation limit. In accordance with Section 4 of the Ontario Regulation 403/02, the Region's Treasurer has calculated an updated long-term debt-financial limit and has determined that the limit has not been exceeded. Therefore, this lease does not require the approval of the Local Planning Appeal Tribunal.

## **5. Conclusion**

5.1 The Social Services Department has advised that they wish to renew the lease for space at 169 North Street, Unit #3, in the Township of Scugog, and it is recommended that the Regional Municipality of Durham enter into a renewal of lease agreement based on the above noted terms and conditions.

5.2 This report has been reviewed by the Finance Department.

5.3 For additional information, please contact Jeremy Harness, Manager, Administrative Services and Real Estate, at 905-668-7711, extension 3475.

Respectfully submitted,

### **Original signed by John Presta for:**

Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

### **Original signed by:**

Elaine C. Baxter-Trahair  
Chief Administrative Officer



## The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-47](#)  
Date: June 5, 2019

---

### Subject:

Report on Tenders and Additional Financing for The Regional Municipality of Durham Contract T-1017-2018 for the New Vehicle Wash Bay Addition at the Works Department Scugog Depot, in the Township of Scugog

---

### Recommendations:

The Works Committee recommends to Regional Council:

- a) That the low compliant bid of ONIT Construction Inc., in the amount of \$780,000\*, be awarded for Regional Municipality of Durham Contract T-1017-2018 resulting in a total estimated project cost of \$1,064,000;
- b) That the previously approved project budget of \$882,000 be increased by \$182,000 to a revised total project budget of \$1,064,000;
- c) That the funding for the additional project commitments in the amount of \$182,000 be provided as follows:

i) Depot Operations 2019 Operating Budget provision for Extraordinary Maintenance and Miscellaneous Savings:	
Property Tax	\$60,666
Water Supply – User Revenue	\$60,667
Sanitary Sewerage – User Revenue	<u>\$60,667</u>
	\$182,000
 Total Reallocated Financing	 <u>\$182,000</u>

- d) That the Regional Chair and Clerk be authorized to execute Regional Municipality of Durham Contract T-1017-2018.
- 

**Report:****1. Purpose**

- 1.1 The purpose of this report is to obtain approval for additional financing and to award Regional Municipality of Durham (Region) Contract T-1017-2018 for the New Vehicle Wash Bay Addition at the Works Department Scugog Depot, in the Township of Scugog (Scugog). Dollar amounts followed by an asterisk (\*) are before applicable taxes.

**2. Project Background**

- 2.1 The Scugog Works Operation Depot is located at the intersection of Regional Road 21 and Regional Road 23 in the Township of Scugog. The depot provides maintenance activities related to the Regional road, water and sewer infrastructure. Operations at this depot also include fleet maintenance and repair of Regional vehicles (trucks, heavy equipment, etc.).
- 2.2 The existing wash bay at the Scugog depot was decommissioned in 2015 as the existing space could not adequately accommodate washing of the larger vehicles. This space was subsequently repurposed within a vehicle hoist replacement project completed in 2016. As a result, the Scugog Depot does not have a dedicated vehicle wash bay. Staff currently wash the vehicles outdoors in the summer or within a vehicle storage bay during the winter. Washing the vehicles during the winter creates a slippery surface which could potentially lead to slips and falls. The damaging effects of the salt on the concrete floor and walls are also becoming more evident within the vehicle bay.
- 2.3 Tabcon Engineering was retained to complete the detailed design for the new wash bay, including securing all necessary permits and approvals. The design was completed, and the project was tendered. The lowest compliant tender exceeds the available project budget. The additional funds are required to award the project and it is anticipated that construction will commence in the summer of 2019.

**3. Tender Information**

- 3.1 Tenders were received for Regional Contract T-1017-2018 for the New Vehicle Wash Bay Addition on April 25, 2019, as follows:

<b><u>Bidder</u></b>	<b><u>Total Tender Amount*</u></b>
ONIT Construction Inc.	\$780,000
Gallant Construction Ltd.	\$840,041
Jeffrey G. Wallans Construction Ltd.	\$876,300
Quad Pro Construction Inc.	\$900,003
Platinum Construction Corporation	\$982,000
RenoKrew	\$1,090,200
Basekamp Construction Corp.	\$1,090,200
J. J. McGuire General Contractors Inc.	\$1,117,420
Martinway Contracting Inc.	\$1,228,798

- 3.2 The difference between the tendered amount and the budget estimate amount is a result of inflationary construction cost increases in the industry and increases in the scope of work during the detailed design stage.
- 3.3 The scope of the project increased during the detailed design phase to address poor soil conditions at the site and to include increased contract administration and site inspection services by the consultant during construction. The detailed design includes a foundation design with helical (corkscrew) piles and a monolithic poured concrete structural floor slab. These project specific details increase the complexity of the project and the construction methodology employed to execute the work. All bidders for this contract submitted pricing based on this updated scope of work.
- 3.4 It is recommended that the low compliant bidder, ONIT Construction Inc., be awarded Regional Contract T-1017-2018.

#### **4. Financial Implications**

- 4.1 It is the Region's policy to award a tender based on the lowest bid, provided that the bid meets the specifications and complies with the submission requirements of the tender.
- 4.2 Section 9.4 of the Region's Budget Management Policy requires approval of the applicable Standing Committee and Regional Council for approval of additional financing prior to the award of the contract.

4.3 The proposed changes to the project costs are as follows:

<b>Project Component</b>	<b>Approved Project Budget (F1540)</b>	<b>Proposed Change</b>	<b>Recommended Revised Project Budget (F1540)</b>
Tender*	\$684,968	\$95,032	\$780,000
Net HST	12,057	1,673	13,730
Engineering	184,975	0	184,975
Contingencies	0	85,295	85,295
<b>Total Costs</b>	<b>882,000</b>	<b>\$182,000</b>	<b>1,064,000</b>

Note: Dollar amounts followed by an asterisk (\*) are before applicable taxes.

4.4 The total project cost including reallocation of funds totaling \$182,000 can be financed as follows:

<b>Source of Funding</b>	<b>General Tax</b>	<b>Water Supply (User Rate)</b>	<b>Sanitary Sewerage (User Rate)</b>	<b>Total</b>
Previously Approved Funding (F1540)	\$294,000	\$294,000	\$294,000	\$882,000
Extraordinary Maintenance & Miscellaneous Savings(account 709070, department ID 5200200001)	60,666	60,667	60,667	182000
<b>Total Project Financing</b>	<b>\$354,666</b>	<b>\$354,667</b>	<b>\$354,667</b>	<b>\$1,064,000</b>

4.5 Both the fuel system and hoist replacement projects at the Ajax Depot have been completed.

**5. Conclusion**

- 5.1 It is recommended that the low compliant bidder, ONIT Construction Inc., be awarded Regional Contract T-1017-2018 for the new vehicle wash bay addition in the Township of Scugog.
- 5.2 It is also recommended that the additional financing required for the award of this tender be provided by the reallocation of funds as detailed in this report.
- 5.3 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendations.
- 5.4 For additional information, please contact Dave Nagy, Manager, Facility Design, Construction & Asset Management at 905-668-7711, extension 2202.

Respectfully submitted,

**Original signed by John Presta for:**

---

Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

---

Elaine C. Baxter-Trahair  
Chief Administrative Officer



## The Regional Municipality of Durham Report

---

To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-48](#)  
Date: June 5, 2019

---

**Subject:**

Approval of Request for a Release of Easements

---

**Recommendation:**

That the Works Committee recommends to Regional Council:

- a) That the easement in favour of the Regional Municipality of Durham on the property identified as Part of Block 416, Plan 40M-2139, in the Town of Whitby Subject to Easement in Gross over Part 1 on 40R-23738 be released from title;
  - b) That the easement in favour of the Regional Municipality of Durham on the property identified as Part of Lot 209, All of Block 414, Registered Plan 40M-2139, Town of Whitby and Part of Lot 31, Concession 3, (Geographic Township of Whitby) now in the Town of Whitby be released from title;
  - c) That the Legal Department be authorized to register a Release of Easement on title to the subject properties; and
  - d) That the Regional Chair and Clerk be authorized to execute any documents that may be required by them associated with the release of easements legally described in Recommendations A and B.
- 

**Report:**

**1. Purpose**

- 1.1 This report seeks authorization to release easements in favour of the Regional Municipality of Durham (Region) as requested by the property owners.

## **2. Easement Information**

- 2.1 Instrument Number DR444625 is a conveyance legally described as Part of Block 416, Plan 40M-2139, Designated as Part 1 on 40R-23738, Town of Whitby registered on title of the subject property reserving a permanent easement for a water supply service in favour of the Region. The water supply service was intended to serve the property adjacent to the subject property under separate ownership at the time. Both properties are now owned by the same owner, 1466098 Ontario Limited. The infrastructure located within this easement area has been abandoned and is no longer required by the Region to service the abutting property.
- 2.2 Instrument Number DR156109 is a conveyance legally described as Part of Lot 209, All of Block 414, Registered Plan 40M-2139, Town of Whitby and Part of Lot 31, Concession 3, (Geographic Township of Whitby) now in the Town of Whitby, further described as Parts 1, 2, 3 and 4 on 40R-21785 registered on title of the subject property reserving a permanent easement for a sanitary sewer in favour of the Region of Durham. The subject property is owned by 1466098 Ontario Limited. The owner has requested the Region to release Part 4 on Registered Plan 40R-21785. The existing sanitary sewer located within the easement described as Parts 1, 2, 3 and 4 on 40R-21785 was relocated due to the Gate of Whitby Phase 3 development application. The sanitary sewer has been abandoned and the easement is no longer required.
- 2.3 All costs associated with release of these easements are borne by the property owner. The Owners has agreed to pay all registration costs and an administration fee of \$405.00 to the Region per release.

## **3. Conclusion**

- 3.1 The requests from property owner to release easements in favour of the Regional Municipality of Durham have been reviewed and staff have advised that the easements are no longer required and may be released.
- 3.2 This report has been reviewed by the Legal Services Division of the Corporate Services Department.
- 3.3 For additional information, please contact Jeremy Harness, Manager, Financial Services and Corporate Real Estate, at 905-668-7711, extension 3475.

**4. Attachments**

Attachment #1: Location Map - Rich Crescent

Attachment #2: Location Map – Holman Court

Respectfully submitted,

**Original signed by John Presta for:**

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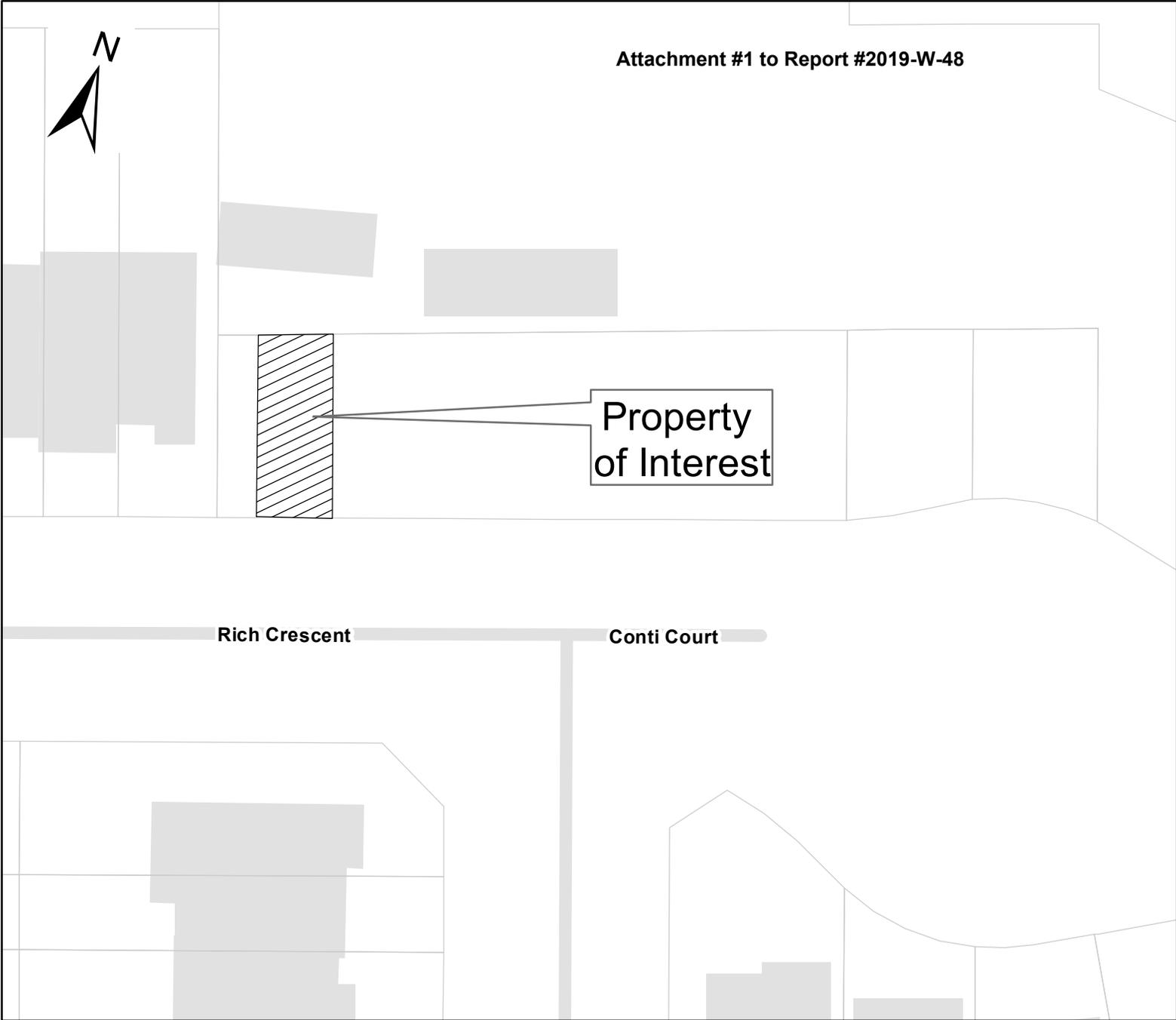
Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

---

Elaine C. Baxter-Trahair  
Chief Administrative Officer



# Attachment #1: Location Map - Rich Crescent Release of Easement Part 1 on 40R-23738 Town of Whitby

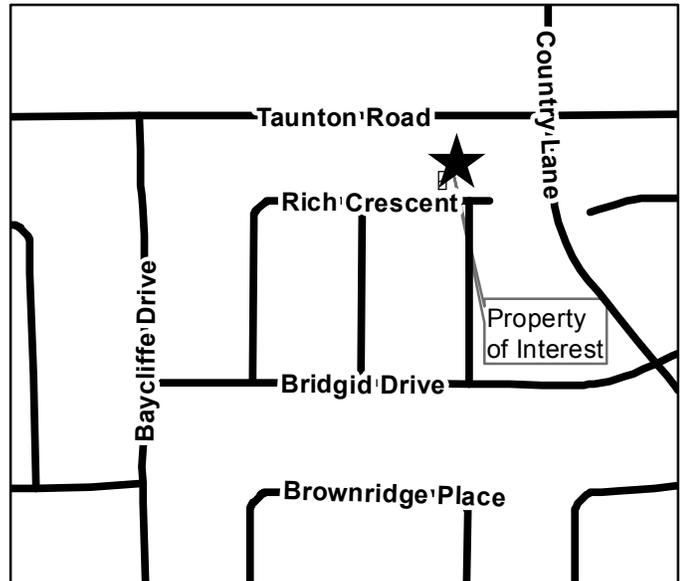


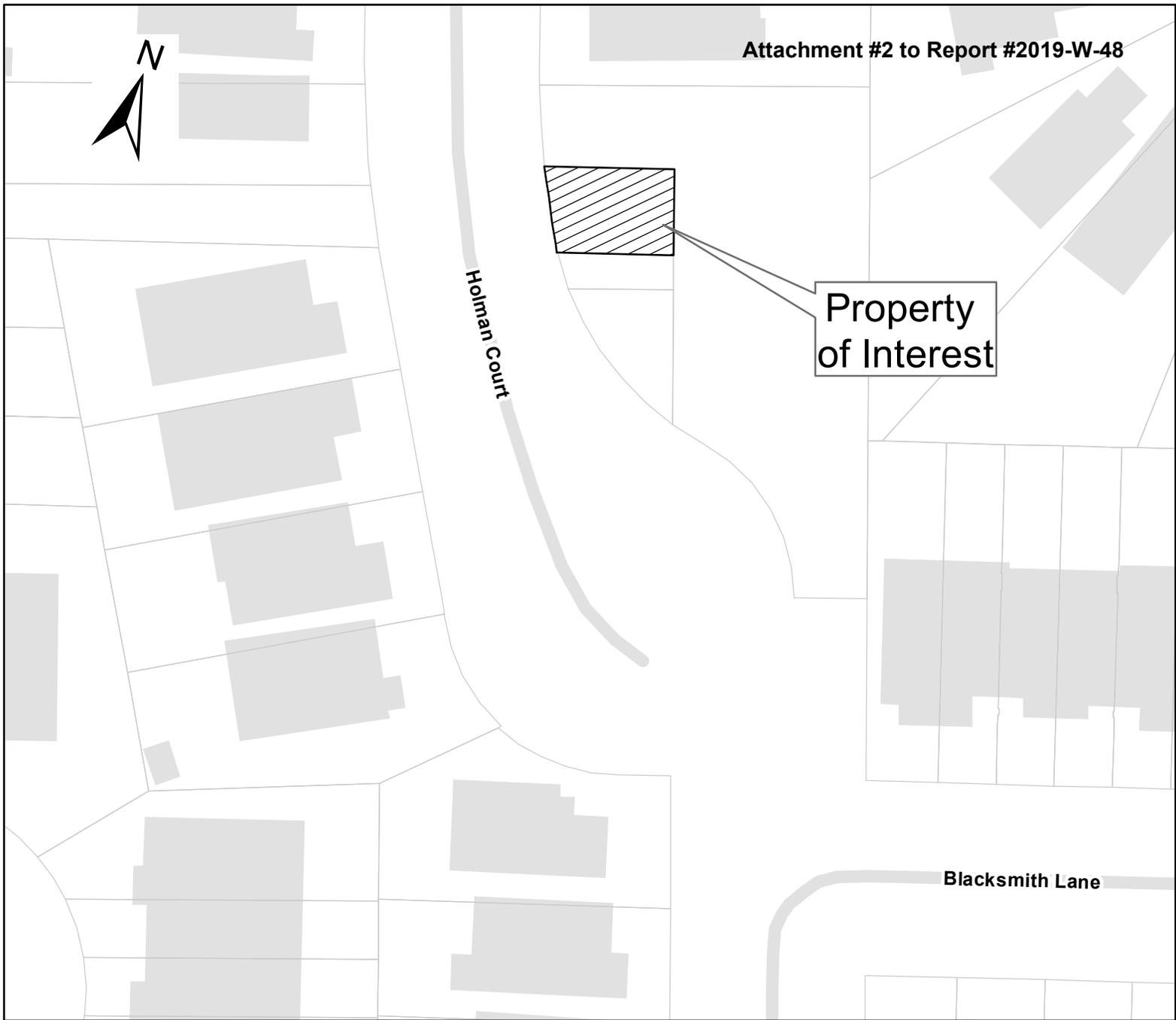
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**Attachment #2:  
 Location Map – Holman Court  
 Release of Easement  
 Part 4 on 40R-21785  
 Town of Whitby**

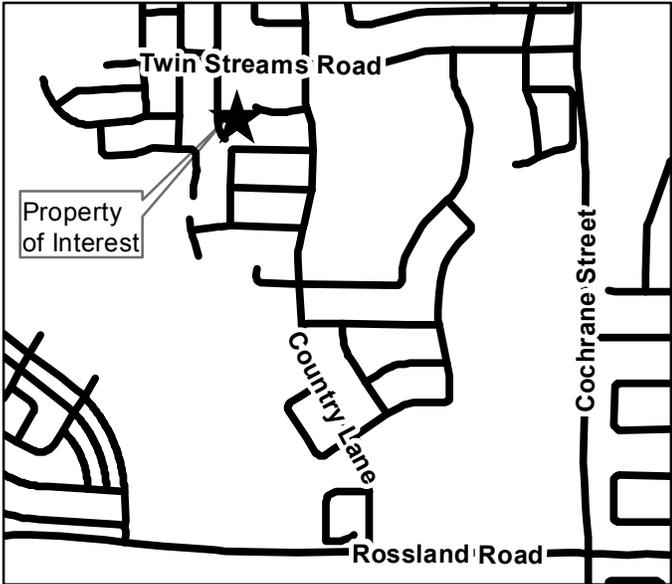


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## The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-49](#)  
Date: June 5, 2019

---

**Subject:**

Extension of Lease for Premises with Chidley Glen Developments Limited at 3000 Garden Street, Suite 200, in the Town of Whitby for the Regional Municipality of Durham Economic Development Division, Business Advisory Centre Durham

---

**Recommendations:**

That the Works Committee recommends to Regional Council:

- A) That an Extension of Lease for 185.25 square metres (1,994 square feet) of office space, being part of the building located at 3000 Garden Street, Suite 200, in the Town of Whitby, be approved on the following terms and conditions:
  - i) The term of the lease extension is for a period of five years commencing September 1, 2019, and ending August 31, 2024;
  - ii) The annual rental rate for the five year period of the lease will be \$31,904\* based on a rate of \$172.22\* per square metre (\$16.00\* per square foot);
  - iii) The Regional Municipality of Durham continues to be responsible for all operating costs for the leased space; and
- B) That the Regional Chair and Clerk be authorized to execute all documents associated with the extension of lease agreement.

**Report:****1. Purpose**

- 1.1 This report seeks authorization for the Regional Municipality of Durham (Region) to extend the lease agreement with Chidley Glen Developments Limited, for leased space for the Economic Development Division, Business Advisory Centre Durham, in the Town of Whitby (Whitby). Dollar amounts followed by an asterisk (\*) are before applicable taxes in all instances.

**2. Background**

- 2.1 The Region has leased 185.25 square metres (1,994 square feet) of space at 3000 Garden Street, in Whitby, since September 2009.
- 2.2 Staff in the Economic Development Division have requested that this lease be extended.

**3. Discussions**

- 3.1 Negotiations with Chidley Glen Developments Limited, have resulted in an extension of lease with a term of five years commencing September 1, 2019 and ending August 31, 2024.
- 3.2 The base rental rate for the five years of the extension of lease will be \$31,904\* or \$172.22 per square metre (\$16.00 per square foot) per annum\*. This rate represents an increase of \$21.53\* per square metre (\$2 per square foot).
- 3.3 The Region will be responsible for all operating costs for a proportionate share of the leased premises, estimated to be \$114\* per square metre (\$10.59\* per square foot) in 2019 for a total annual operating cost of \$21,116\*. This amount is consistent with the previous annual costs. The Region will pay for a proportionate share of property taxes based on \$60.27\* per square metre (\$5.61\* per square foot) in 2019 for annual property tax cost of \$11,186.
- 3.4 The Region will continue to be responsible for all janitorial costs related to the leased space estimated at \$7,000 in 2019.

#### **4. Financial Implications**

- 4.1 Financing for the extension of lease of \$31,904\* per annum and related operating costs will continue to be provided within the Economic Development Division Operating Budget for this facility
- 4.2 Since approval of this lease extension requires a long-term financial obligation for payment that is required beyond the term for which Council was elected, the Regional Treasurer has updated the Region's financial debt and obligation limit. In accordance with Section 4 of the Ontario Regulation 403/02, the Region's Treasurer has calculated an updated long-term debt-financial limit and has determined that the limit has not been exceeded. Therefore, this lease does not require the approval of the Local Planning Appeal Tribunal.

#### **5. Conclusion**

- 5.1 The Economic Development Division, the Business Advisory Centre Durham has advised that they wish to extend the lease for space at 3000 Garden Street, in the Town of Whitby. It is recommended that the Regional Municipality of Durham enter into an extension of lease agreement based on the above noted terms and conditions.
- 5.2 This report has been reviewed by the Finance Department.
- 5.3 For additional information, please contact Jeremy Harness, Manager, Financial Services and Corporate Real Estate, at 905-668-7711, extension 3475.

Respectfully submitted,

**Original signed by John Presta for:**

Susan Siopis, P. Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

Elaine C. Baxter-Trahair  
Chief Administrative Officer

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



## The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-50](#)  
Date: June 5, 2019

---

### **Subject:**

Award of Request for Proposal #1105-2018 for Professional Services to Produce an Overall Masterplan and Provide Full Architectural and Engineering Services for the New Region of Durham Paramedic Services Station, in the City of Pickering

---

### **Recommendations:**

That the Works Committee recommends to Regional Council:

- A) That Request for Proposal #1105-2018 be awarded to AECOM Canada Ltd. to provide professional services to produce an overall masterplan and provide full architectural and engineering services for the new Region of Durham Paramedic Services station, in the City of Pickering, at a total upset limit not to exceed \$661,195\* to be funded from the approved project budget of \$4,500,000, and
  - B) That the Commissioner of Finance be authorized to execute the professional services agreement.
- 

### **Report:**

#### **1. Purpose**

- 1.1 The purpose of this report is to provide details and seek authorization to award Request for Proposal (RFP) #1105-2018 to AECOM Canada Ltd. to provide professional services to produce an overall masterplan and provide full architectural and engineering services for the new Region of Durham Paramedic Services (RDPS) station, in the City of Pickering. Dollar amounts followed by an asterisk (\*) include disbursements and are before applicable taxes.

## **2. Background**

- 2.1 The RDPS consists of a team of over 300 primary and advanced care paramedics, management and administrative support personnel. RDPS staff is dynamically deployed, in accordance with RDPS progressive deployment strategy, from 11 paramedic stations strategically located throughout the region.
- 2.2 In support of the growth forecasts for the Central Pickering Area, including the Seaton development, an additional RDPS station is required. Land for the construction of a new RDPS facility was provided as a part of the Community Lands Agreement between the Province of Ontario and the Regional Municipality of Durham (Region), related to the development of lands in Seaton.

## **3. Assignment for Professional Services**

- 3.1 RFP #1105-2018, to provide professional services to produce an overall masterplan and provide full architectural and engineering services for the new RDPS station in the City of Pickering, was issued and advertised publicly on February 14, 2019, through the Regional Municipality of Durham's (Region) website. The RFP included, but was not limited to, the scope of work, description of the services to be provided, submission instructions and evaluation criteria that would be applied during the evaluation of proposals submitted.
- 3.2 The RFP closed on March 25, 2019. The RFP resulted in the submission of four compliant proposals from the following firms:
  - AECOM Canada Limited
  - KNYMH Inc.
  - Salter Pilon Architecture Inc.
  - Tabcon Consulting Inc.
- 3.3 Evaluation of the proposals received was carried out by the project evaluation committee made up of Works Department staff and RDPS staff. The Region's Purchasing Section of the Finance Department oversaw the evaluation process.
- 3.4 The proposals were evaluated against the following evaluation criteria:
  - Understanding of Project Requirements (10%);

- Company Background, Qualifications and Experience (15%);
- Work Team Background, Qualifications and Experience (15%);
- Project Management, Communication and Quality Management (10%);
- Technical Solution – Methodology, Resources / Innovation and Quality Management (20%);
- Site Representation Services (10%);
- Financial Pricing (20%); and
- References (Pass/Fail).

3.5 Based on an overall technical and financial evaluation of the proposals by the evaluation committee, it is recommended that the highest scoring proponent, AECOM Canada Ltd. be awarded the professional services assignment.

#### **4. Financial Implications**

4.1 Section 9.4.1 of the Region's Purchasing By-Law 68-2000 (Amended) requires where the project or annual value of a consulting or professional service assignment is expected to be more than \$60,000, the approval of Regional Council is required for the award of the assignment when proposals are obtained.

4.2 Funding for the professional services assignment, at a total upset limit not to exceed \$661,195\*, is available from within the approved project budget of \$4,500,000 (Project G1805) for this facility.

#### **5. Conclusion**

5.1 It is recommended that Request for Proposal #1105-2018 be awarded to AECOM Canada Ltd. to provide full architectural and engineering services for the new Region of Durham Paramedic Services station, in the City of Pickering, at an upset limit not to exceed \$661,195\*.

5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendations.

5.3 For additional information, please contact Dave Nagy, Manager, Facility Design, Construction and Asset Management, at 905-668-7711, extension 2202.

Respectfully submitted,

**Original signed by John Presta for:**

Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

Elaine C. Baxter-Trahair  
Chief Administrative Officer



# The Regional Municipality of Durham Report

---

To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-51](#)  
Date: June 5, 2019

---

**Subject:**

Amendments to Regional Traffic and Parking By-Law #44-2006

---

**Recommendations:**

That Works Committee recommends to Regional Council:

- A) That Corporate Services – Legal Services be directed to prepare an amending by-law to amend By-Law #44-2006, generally in the form included as Attachment #1 to this report, for presentation to Regional Council for passage; and
  - B) That staff be authorized to take all steps required and necessary to give effect to the amendments contemplated to By-Law #44-2006 as indicated in the form included as Attachment #1.
- 

**Report:**

**1. Purpose**

- 1.1 The purpose of this report is to amend Regional Traffic and Parking By-Law #44-2006 as is periodically required to authorize staff to make changes to traffic regulations. As such, it is necessary that the Works Committee and Regional Council approve the recommendations in this report for Corporate Services – Legal Services to prepare an amending by-law.

## 2. Background

- 2.1 Traffic and Parking By-Law #44-2006 was last consolidated on July 5, 2006. It has been updated several times since its introduction to combine additional changes in traffic regulations and amend the appropriate schedules within the by-law. The last such update was passed on January 30, 2019.

## 3. Discussions

- 3.1 The following amendments to Traffic and Parking By-Law #44-2006 are proposed, for which authority is being sought pursuant to this report.

A) No-Stopping – Main Street (Regional Road 17), Municipality of Clarington

- An addition to Schedule I is required to designate a ‘No Stopping Anytime’ restriction on both sides of Main Street (Regional Road 17) from Taunton Road (Regional Road 4) to Mill Street in Orono. This designation is required to reflect new Capital Road Program improvements to include Share the Road cycling facilities as reflected in the Region Cycling Plan.

B) No-Parking – Main Street (Regional Road 17), Municipality of Clarington

- An addition to Schedule II is required to designate a ‘No Parking Anytime’ restriction on both sides of Main Street (Regional Road 17) from Taunton Road (Regional Road 4) to Mill Street in Orono. This designation is required to reflect new Capital Road Program improvements to include Share the Road cycling facilities as reflected in the Region Cycling Plan.

C) One-Way Traffic Lanes – Taunton Road (Regional Road 4), Municipality of Clarington

- An addition to Schedule X is required to designate a westbound right-turn exclusive lane on Taunton Road (Regional Road 4) at Enfield Road/Trulls Road (Regional Road 34) to 300 metres east. This change is required to reflect intersection improvements completed as part of the Capital Road Program.

D) One-Way Traffic Lanes – Kingston Road (Regional Highway 2), City of Pickering

- Two additions to Schedule X are required as part of the BRT capital road widening project to designate:

- i) A centre eastbound and westbound left-turning lane on Kingston Road from 170 metres east of Rosebank Road to 110 metres west of Steeple Hill.
  - ii) A westbound right turning lane “Buses Excepted Anytime” on Kingston Road (Regional Highway 2) at Steeple Hill and at Whites Road (Regional Road 38) intersections that permit buses to travel through the intersection in the right turn lane contrary to vehicles that must turn right.
  - iii) An eastbound right turning lane “Buses Excepted Anytime” on Kingston Road (Regional Highway 2) at Steeple Hill to 200 metres west permitting buses to travel through the intersection in the right turn lane contrary to vehicles that must turn right.
- E) One-Way Traffic Lanes – Regional Highway 2, Municipality of Clarington
- An addition to Schedule X is required to designate a centre eastbound and westbound left-turning lane on Regional Highway 2 from:
    - i) 95 metres east of Holt Road to 120 metres west of Maple Grove Road to reflect capital road widening project changes including signalization and intersection improvements.
    - ii) 120 metres west of Maple Grove Road to 100 metres west of Boswell Drive to reflect capital road widening project changes including signalization and intersection improvements.
- F) Prohibited Turns – Liverpool Road (Regional Road 29), Pickering
- An addition to Schedule XI is required to designate a ‘No Left Turn’ restriction for westbound exiting and southbound entering vehicles at 1809 Liverpool Road (Pickle Barrel). This is required as part of a newly constructed right-in/right-out development access.
- G) Prohibited Turns – Durham Vision Zero
- Three additions to Schedule XI are required as part of Durham Vision Zero to reflect observed safety concerns, recorded collision patterns and noted requests from Durham Regional Police Services to designate:

- i) A 'No Left Turn' restriction for westbound left exiting and southbound left entering vehicles at Almond Avenue due to observed safety concerns and recent road alignment changes on Lake Ridge Road (Regional Road 23) in the Town of Ajax.
  - ii) A 'No Left Turn' restriction for eastbound left vehicles exiting 812 Taunton Road (Petro Canada) gas station onto Harmony Road (Regional Road 33) in the City of Oshawa.
  - iii) A no westbound through restriction for vehicles exiting 15 Westney Road (Westney Heights Plaza) onto Westney Road (Regional Road 31) in the Town of Ajax.
- H) Prohibited Turns – Durham Vision Zero - Toronto Street (Regional Highway 47), Township of Uxbridge
- A 'No Left Turn' restriction for northbound vehicles exiting 307 Toronto Street South plaza onto Toronto Street (Regional Highway 47) in the Township of Uxbridge. This is required as part of a newly constructed left-in/right-in/right-out development access.
- I) Prohibited U-Turns – Durham Vision Zero
- Two additions to Schedule XII are required as part of Durham Vision Zero to reflect observed unsafe movements and requests made by Durham Regional Police Services to prohibit:
    - i) Northbound "U" turns from entering the Petro Canada Gas Station at the end of the raised median island on Harmony Road (Regional Road 33), north of the intersection at Taunton Road in the City of Oshawa.
    - ii) Westbound "U" turns for vehicles exiting the Esso Gas Station on Kingston Road (Regional Highway 2), west of Rosebank Road in the City of Pickering.
- J) Maximum Rate of Speed – Durham Vision Zero - Simcoe Street (Regional Road 2), City of Oshawa
- A change to Schedule XVI is required to reduce the posted speed limit on Simcoe Street (Regional Road 2) to reflect results from a speed study review because of new development, new King's Highway 407 interchange and overall changes to the corridor from:

- i) 100 metres north of Britannia Avenue to the south limits of Columbus (400 metres south of Westview Drive / Steepleview Court) from 80 km/h to 60 km/h.
  - ii) 400 metres south of Westview Drive / Steepleview Court to north limits of Columbus (460 metres north of Ridge Top Court) from 60 km/h to 50 km/h.
  - iii) 460 metres north of Ridge Top Court to 750 m south of Howden Road from 80 km/h to 60 km/h introducing a transition zone entering/exiting Columbus to/from the north.
- K) Maximum Rate of Speed – Durham Vision Zero - Taunton Road (Regional Road 4), Town of Ajax and Town of Whitby
- A change to Schedule XVI is required to decrease the posted speed limit on Taunton Road (Regional Road 4) from Church Street to Coronation Road from 80 km/h to 70 km/h to reflect results from a speed zone study and new development in the area.
- L) Maximum Rate of Speed – Durham Vision Zero - Concession Road 9 (Regional Road 5), City of Pickering
- A change to Schedule XVI is required to extend the existing posted speed limit zone on Concession Road 9 (Regional Road 5) from west of Sideline 4 to east of the intersection. The 60 km/h speed zone is too short and requires a speed limit extension of approximately 575 metres.
- M) Maximum Rate of Speed – Durham Vision Zero - Simcoe Street (Regional Road 15), Township of Brock
- A change to Schedule XVI is required to introduce a new 60 km/h posted speed limit transition zone on Simcoe Street (Regional Road 15), entering and exiting Beaverton to/from the east. The change is required to reflect results from a speed zone study on Simcoe Street 650 metres west of Thorah Concession Road 5 to Thorah Concession Road 5.
- N) Maximum Rate of Speed – Durham Vision Zero - Newtonville Road (Regional Road 18), Municipality of Clarington
- A change to Schedule XVI is required to reflect results from a speed zone study on Newtonville Road (Regional Road 18) to:

- i) Decrease the posted speed limit from 60 km/h to 50 km/h from King's Highway No. 401 westbound on/off ramp to 325 metres north of Regional Highway 2.
  - ii) Introduce a new 60 km/h posted speed limit transition zone from 325 metres north of Regional Highway 2 to 625 metres north of Regional Highway 2.
- O) Maximum Rate of Speed – Durham Vision Zero - Goodwood Road (Regional Road 21), Township of Uxbridge
- A change to Schedule XVI is required to introduce a new 60 km/h speed limit transition zone on Goodwood Road (Regional Road 21), in the Township of Uxbridge from east of Ridge Road to east of Stones Throw Crescent to reflect speed zone studies.
- P) Maximum Rate of Speed – Durham Vision Zero - Bayly Street (Regional Road 22), City of Pickering
- A change to Schedule XVI is required to decrease the posted speed limit from 60 km/h to 50 km/h on Bayly Street (Regional Road 22) from St. Martin's Drive to Krosno Boulevard to reflect speed zone studies and safety concerns.
- Q) Maximum Rate of Speed – Durham Vision Zero - Lake Ridge Road (Regional Road 23), Township of Brock
- A change to Schedule XVI is required to introduce a new 60 km/h transition speed zone on Lake Ridge Road (Regional Road 23) from Thorah Concession 5 to a point south of the intersection to reflect speed zone studies.
- R) Maximum Rate of Speed – Durham Vision Zero - Thickson Road (Regional Road 26), Town of Whitby
- A change to Schedule XVI is required to decrease the posted speed limit from 70 km/h to 60 km/h on Thickson Road (Regional Road 26) from Rossland Road to Taunton Road to reflect speed zone studies and new development.
- S) Maximum Rate of Speed – Durham Vision Zero - Westney Road (Regional Road 31), City of Pickering

- A change to Schedule XVI is required to introduce a new 60 km/h transition speed zone on Westney Road (Regional Road 31) entering Greenwood to/from the south to reflect speed zone studies.
- T) Maximum Rate of Speed – Durham Vision Zero - Hopkins Street / Anderson Street (Regional Road 36), Town of Whitby
- A change to Schedule XVI is required to decrease the posted speed limit from 60 km/h to 50 km/h on Hopkins Street and Anderson Street (Regional Road 36) from Consumers Drive to Warren Avenue and Ribblesdale Drive to Rossland Road to better reflect a consistent speed zone.
- U) Maximum Rate of Speed – Durham Vision Zero - Regional Highway 2, Municipality of Clarington
- A change to Schedule XVI is required to decrease the posted speed limit from 70 km/h to 60 km/h on Regional Highway 2 from Holt Road to Maple Grove Road to reflect improvements made at the intersection and new development.
- V) Pedestrian Crossovers – Durham Vision Zero - Main Street (Regional Road 1), Township of Uxbridge
- An addition to Schedule XXVII is required to include a new version of a Pedestrian Crossover (PXOs) on Main Street (Regional Road 1) in Leaskdale at Harrison Drive. This device is to assist pedestrians crossing to and from Lucy Maud Montgomery Church and Manse.
- W) Pedestrian Crossovers – Durham Vision Zero - Reach Street (Regional Road 8), Township of Uxbridge
- An addition to Schedule XXVII is required to include a new version of a Pedestrian Crossover (PXOs) on the west approach of Reach Street (Regional Road 8) at Testa Road / Coral Creek Crescent in the Township of Uxbridge. This device reflects warrant requirements to elevate the existing school crossing to a pedestrian controlled crossing giving pedestrians the right of way with and without a crossing guard present.

- X) Pedestrian Crossovers – Durham Vision Zero - Courtice Road (Regional Road 34), Municipality of Clarington
- An addition to Schedule XXVII is required to include a new version of a Pedestrian Crossover (PXOs) on the north approach of Courtice Road (Regional Road 34) at Moyse Drive in Courtice. This device is to assist pedestrians crossing to and from Clarington Public Library, Courtice Branch, Courtice Secondary School and Courtice North Pubic School yards.
- Y) Reserved Lanes for Designated Classes of Vehicles – Kingston Road (Highway 2), City of Pickering
- Four additions are required to Schedule XXV for designated ‘Bus Only’ lanes and ‘Bicycle Lanes’ on Kingston Road from west of Steeple Hill to east of Delta Boulevard, in the City of Pickering. This implementation was part of the BRT capital road widening project.

#### **4. Conclusion**

- 4.1 The proposed amendments to Traffic and Parking By-Law #44-2006 reflect the legislative changes to traffic regulations on Regional roads, as periodically required to ensure conformance with changes in traffic management strategies and road improvements.
- 4.2 This report has been reviewed by the Legislative Services and Legal Services Divisions of the Corporate Services Department.
- 4.3 For additional information, please contact Steven Kemp, Manager, Traffic Engineering and Operations at 905-668-7711 ext. 4701.

**5. Attachments**

Attachment #1: Amendments to Regional Traffic and Parking By-Law #44-2006

Respectfully submitted,

**Original signed by John Presta for:**

Susan Siopis, P.Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

Elaine C. Baxter-Trahair  
Chief Administrative Officer

**By-law Number \*\*-2019****of The Regional Municipality of Durham**

Being a by-law to amend By-law Number 44-2006 which regulates traffic and parking on roads under the jurisdiction of the Regional Municipality of Durham.

Now therefore, the Council of The Regional Municipality of Durham hereby enacts as follows:

1. That Schedule I (No Stopping) be further amended by **adding** thereto the following:

Column 1 Highway	Column 2 Side	Column 3 Between	Column 5 Prohibited Times of Day	Amending By-Law Number and Date
Regional Road 17 (Main Street)	Both	Mill Street and Taunton Road (Regional Road 4)	Anytime	

2. That Schedule II (No Parking) be further amended by **adding** thereto the following:

Column 1 Highway	Column 2 Side	Column 3 Between	Column 5 Prohibited Times of Day	Amending By-Law Number and Date
Regional Road 17 (Main Street)	Both	Mill Street and Taunton Road (Regional Road 4)	Anytime	

3. That Schedule X (One-Way Traffic Lanes) be further amended by **deleting** thereof the following:

Column 1 Highway	Column 2 Between	Column 3 Lanes	Column 4 Times or Days	Column 5 Direction	Amending By-Law Number and Date
Regional Highway 2 (Kingston Road)	170 m east of Rosebank Road and 70 m west of Steeple Hill	Centre	Anytime	Eastbound and Westbound Left- Turning	
Regional Highway 2	95 metres east of Holt Road and 40 m west of Maple Grove Road	Centre	Anytime	Eastbound and Westbound Left- Turning	
Regional Highway 2	40 metres east of Maple Grove Road and 100 m west of Boswell Drive	Centre	Anytime	Eastbound and Westbound Left- Turning	

4. That Schedule X (One-Way Traffic Lanes) be further amended by **adding** thereto the following:

Column 1 Highway	Column 2 Between	Column 3 Lanes	Column 4 Times or Days	Column 5 Direction	Amending By-law Number and Date
Regional Road 4 (Taunton Road)	Regional Road 34 (Enfield Road) and 300 m east of Regional Road 34 (Enfield Road)	Northerly Westbound	Anytime	Westbound Right-turning	
Regional Highway 2 (Kingston Road)	170 m east of Rosebank Road and 110 m west of Steeple Hill	Centre	Anytime	Eastbound and Westbound Left-Turning	
Regional Highway 2 (Kingston Road)	Steeple Hill and Whites Road (Regional Road 38)	Northerly Westbound	Anytime, Buses Excepted	Westbound Right-Turning	
Regional Highway 2 (Kingston Road)	Steeple Hill and 200 m west of Steeple Hill	Southerly Eastbound	Anytime, Buses Excepted	Eastbound Right-Turning	
Regional Highway 2	95 metres east of Holt Road and 120 m west of Maple Grove Road	Centre	Anytime	Eastbound and Westbound Left-Turning	
Regional Highway 2	120 metres west of Maple Grove Road and 100 m west of Boswell Drive	Centre	Anytime	Eastbound and Westbound Left-Turning	

5. That Schedule XI (Prohibited Turns) be further amended by **deleting** thereof the following:

Column 1 Intersection or Portion of Highway	Column 2 Direction	Column 3 Turns Prohibited	Column 4 Times or Days	Amending By-Law Number and Date
Regional Road 31 (Westney Road) at Hetttersley Drive / Westney Heights Plaza	Westbound	Left	Anytime	

6. That Schedule XI (Prohibited Turns) be further amended by **adding** thereto the following:

Column 1 Intersection or Portion of Highway	Column 2 Direction	Column 3 Turns Prohibited	Column 4 Times or Days	Amending By-Law Number and Date
Regional Road 23 (Lake Ridge Road) at Almond Drive	Westbound and Southbound	Left	Anytime	
Regional Road 29 (Liverpool Road) at 1809 Liverpool Road	Westbound and Southbound	Left	Anytime	
Regional Road 31 (Westney Road) at Hettersley Drive / Westney Heights Plaza	Westbound	Straight and Left	Anytime	
Regional Road 33 (Harmony Road) at 812 Taunton Road (exiting Harmony Road)	Eastbound	Left	Anytime	
Regional Highway 47 (Toronto Street) at 307 Toronto Street	Northbound	Left	Anytime	

7. That Schedule XII (Prohibited U-Turns) be further amended by **adding** thereto the following:

Column 1 Intersection of Portion of Highway	Column 2 Direction	Amending By-law Number and Date
Regional Road 33 (Harmony Road) at the north limit of the median island at Regional Road 4 (Taunton Road)	Northbound	
Regional Highway 2 (Kingston Road) at the west limit of the median island at Rosebank Road	Westbound	

8. That Schedule XVI (Maximum Rate of Speed) be further amended by **deleting** thereof the following:

Column 1 Regional Road Number	Column 2 Local Name (s)	Column 3 From	Column 4 To	Column 5 Maximum Rate of Speed	Amending By-law Number and Date
Regional Road 2	Simcoe Street	100 m north of Britannia Avenue	400 m south of Westview Drive/	80 km/h	Added by By-law 60-2007 October 10, 2007

Column 1 Regional Road Number	Column 2 Local Name (s)	Column 3 From	Column 4 To	Column 5 Maximum Rate of Speed	Amending By-law Number and Date
			Steepleview Court		
Regional Road 2	Simcoe Street	400 m south of Westview Drive/ Steepleview Court	460 m north of Ridge Top Court	60 km/h	
Regional Road 4	Taunton Road	York- Durham Line	Coronation Street	80 km/h	Added by By- law 17-2012 April 4, 2012
Regional Road 4	Taunton Road	Coronation Street	Cochrane Street	70 km/h	Added by By- law 17-2012 April 4, 2012
Regional Road 5	Pickering Concession 9	250 m west of Pickering Sideline 4	375 m east of Sideline 4	60 km/h	Added by By- law 05-2017 February 8, 2017
Regional Road 15	Simcoe Street Regional Road 15	650 m west of Thorah Concession 5	1.1 km east of King's Highway No. 12	70 km/h	
Regional Road 18	Newtonville Road	King's Highway No. 401	460 m north of Regional Highway 2	60 km/h	
Regional Road 21	Goodwood Road	275 m east of Tindall Lane	900 m west of Brock Road (Regional Road 1)	80 km/h	
Regional Road 22	Bayly Street	Regional Road 38 (Whites Road)	200 m east of Squires Beach Road	60 km/h	
Regional Road 23	Lake Ridge Road	100 m east of Thorah Concession 1 (West leg)	Thorah Concession Road 5	80 km/h	
Regional Road 26	Thickson Road	Regional Road 60 (Wentworth Street)	100 m north of Rosland Road (Regional Road 28)	60 km/h	

Column 1 Regional Road Number	Column 2 Local Name (s)	Column 3 From	Column 4 To	Column 5 Maximum Rate of Speed	Amending By-law Number and Date
Regional Road 26	Thickson Road	100 m north of Regional Road 28 (Rosland Road)	900 m north of Regional Road 4 (Taunton Road)	70 km/h	
Regional Road 31	Westney Road	Regional Road 4 (Taunton Road)	130 m south of Greenridge Drive	80 km/h	
Regional Road 31	Westney Road	130 m south of Greenridge Drive	200 m north of King's Highway No. 7	60 km/h	Added by By- law 29-2014 June 4, 2014
Regional Road 31	Westney Road and Pickering Concession 7	200 m north of King's Highway No. 7	Regional Road 1 (Brock Road)	80 km/h	Added by By- law 29-2014 June 4, 2014
Regional Road 36	Hopkins Street	Regional Road 25 (Consumers Drive)	Warren Road	60 km/h	
Regional Road 36	Hopkins Street and Anderson Street	Warren Road	Ribblesdale Drive / William Stevenson Drive	50 km/h	
Regional Road 36	Anderson Street	Ribblesdale Drive / William Stevenson Drive	Regional Road 28 (Rosland Road)	60 km/h	
Regional Highway 2	Regional Highway 2	125 m east of Regional Road 34 (Courtice Road)	100 m west of Boswell Drive	70 km/h	Added by By- law 29-2014 June 4, 2014
Regional Highway 2	Regional Highway 2	100 m west of Boswell Drive	Regional Road 57	60 km/h	Added by By- law 60-2007 October 10, 2007

9. That Schedule XVI (Maximum Rate of Speed) be further amended by **adding** thereto the following:

Column 1 Regional Road Number	Column 2 Local Name (s)	Column 3 From	Column 4 To	Column 5 Maximum Rate of Speed	Amending By-law Number and Date
Regional Road 2	Simcoe Street	100 m north of Britannia Avenue	400 m south of Westview Drive / Steepleview Court	60 km/h	
Regional Road 2	Simcoe Street	400 m south of Westview Drive / Steepleview Court	460 m north of Ridge Top Court	50 km/h	
Regional Road 2	Simcoe Street	460 m north of Ridge Top Court	750 m south of Howden Road	60 km/h	
Regional Road 2	Simcoe Street	750 m south of Howden Road	King Street /Oyler Drive	80 km/h	
Regional Road 4	Taunton Road	York- Durham Line	Church Street	80 km/h	
Regional Road 4	Taunton Road	Church Street	Cochrane Street	70 km/h	
Regional Road 5	Pickering Concession 9	250 m west of Pickering Sideline 4	575 m east of Sideline 4	60 km/h	
Regional Road 15	Simcoe Street	650 m west of Thorah Concession 5	Thorah Concession 5	60 km/h	
Regional Road 15	Simcoe Street Regional Road 15	Thorah Concession 5	1.1 km east of King's Highway No. 12	70 km/h	
Regional Road 18	Newtonville Road	King's Highway No. 401 eastbound on/off ramp	King's Highway No. 401 westbound on/off ramp	60 km/h	
Regional Road 18	Newtonville Road	King's Highway No. 401 westbound on/off ramp	325 m north of Regional Highway 2	50 km/h	

Column 1 Regional Road Number	Column 2 Local Name (s)	Column 3 From	Column 4 To	Column 5 Maximum Rate of Speed	Amending By-law Number and Date
Regional Road 18	Newtonville Road	325 m north of Regional Highway 2	625 m north of Regional Highway 2	60 km/h	
Regional Road 21	Goodwood Road	275 m east of Tindall Lane	Stones Throw Crescent	60 km/h	
Regional Road 21	Goodwood Road	Stones Throw Crescent	900 m west of Brock Road (Regional Road 1)	80 km/h	
Regional Road 22	Bayly Street	Regional Road 38 (Whites Road)	St. Martin's Drive	60 km/h	
Regional Road 22	Bayly Street	St. Martin's Drive	Krosno Boulevard	50 km/h	
Regional Road 22	Bayly Street	Krosno Boulevard	200 m east of Squires Beach Road	60 km/h	
Regional Road 23	Lake Ridge Road	100 m east of Thorah Concession 1 (West leg)	300m south of Thorah Concession Road 5	80 km/h	
Regional Road 23	Lake Ridge Road	300 m south of Thorah Concession Road 5	Thorah Concession Road 5	60 km/h	
Regional Road 26	Thickson Road	Regional Road 60 (Wentworth Street)	900 m north of Taunton Road (Regional Road 4)	60 km/h	
Regional Road 31	Westney Road	Regional Road 4 (Taunton Road)	1150 m north of Pickering Concession Rd 5	80 km/h	
Regional Road 31	Westney Road	1150 m north of Pickering Concession Rd 5	130 m south of Greenridge Drive	60 km/h	

Column 1 Regional Road Number	Column 2 Local Name (s)	Column 3 From	Column 4 To	Column 5 Maximum Rate of Speed	Amending By-law Number and Date
Regional Road 31	Westney Road	130 m south of Greenridge Drive	King's Highway No. 7	50 km/h	
Regional Road 31	Westney Road	King's Highway No. 7	Regional Road 1 (Brock Road)	80 km/h	
Regional Road 36	Hopkins Street and Anderson Street	Regional Road 25 (Consumers Drive)	Regional Road 28 (Rosland Road)	50 km/h	
Regional Highway 2	Regional Highway 2	125 m east of Courtice Road (Regional Road 34)	Maple Grove Road	70 km/h	
Regional Highway 2	Regional Highway 2	Maple Grove Road	Regional Road 57	60 km/h	

10. That Schedule XVII (Pedestrian Crossovers) be further amended by **adding** thereto the following:

Column 1 Intersection of Portion of Highway	Column 2 Location	Amending By-law Number and Date
Regional Road 1 (Main Street)	Harrison Drive	
Regional Road 8 (Reach Street)	Testa Road / Coral Creek Crescent	
Regional Road 34 (Courtice Road)	Moyse Drive	

11. That Schedule XXV (Reserved Lanes for Designated Classes of Vehicles) be further amended by **adding** thereto the following:

Column 1 Highway	Column 2 Between	Column 3 Lanes	Column 4 Time and / or Days	Column 5 Designated Class of Vehicles	Amending By-law Number and Date
Regional Highway 2	252 m west of Steeple Hill and Delta Boulevard	Southerly Eastbound	Anytime	Bicycle	

Column 1 Highway	Column 2 Between	Column 3 Lanes	Column 4 Time and / or Days	Column 5 Designated Class of Vehicles	Amending By-law Number and Date
Regional Highway 2	263 m west of Steeple Hill and Delta Boulevard	Southerly Eastbound	Anytime	Public Transit Vehicle	
Regional Highway 2	45 m east of Delta Boulevard and 125 m west of Steeple Hill	Northerly Westbound	Anytime	Bicycle	
Regional Highway 2	Delta Boulevard and 165 m west of Steeple Hill	Northerly Westbound	Anytime	Public Transit Vehicle	

This By-law Read and Passed on the -----<sup>th</sup> day of -----, 2019.

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John Henry  
Regional Chair and CEO

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Ralph Walton  
Regional Clerk



# The Regional Municipality of Durham Report

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To: Works Committee  
From: Commissioner of Works  
Report: [#2019-W-52](#)  
Date: June 5, 2019

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**Subject:**

Award of Request for Proposal #1099-2018 for Commissioning Services for Phase 2 of the Clarington Police Complex, in the Municipality of Clarington

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**Recommendations:**

That the Works Committee recommends to Regional Council:

- A) That Request for Proposal #1099-2018 be awarded to Jones Lang LaSalle Real Estate Services Inc. to provide commissioning services for Phase 2 of the new Clarington Police Complex, at a total upset limit not to exceed \$98,800\* to be funded from the approved project budget, and
  - B) That the Commissioner of Finance be authorized to execute the consulting services agreement.
- 

**Report:**

1. **Purpose**

- 1.1 The purpose of this report is to provide details and seek authorization to award Request for Proposal (RFP) #1099-2018 to Jones Lang LaSalle Real Estate Services Inc. to provide commissioning services for Phase 2 of the new Clarington Police Complex, in the Municipality of Clarington (Clarington). Dollar amounts followed by an asterisk (\*) include disbursements and are before applicable taxes.

## 2. **Background**

- 2.1 On February 1, 2019, RPL/ Parkin Architects was awarded the architectural and engineering services assignment to produce an overall masterplan and design for Phase 2 of the Clarington Police Complex. RPL/ Parkin Architects' assignment includes design of the Centre for Investigation Excellence (CFIE) and Regional Support Centre (RSC) buildings.
- 2.2 The scope of work for RFP #1099-2018 includes design input and commissioning services for the proposed CFIE and RSC buildings.
- 2.3 The commissioning agent will supply a commissioning plan and provide input during design and construction stages. The commissioning agent will also be involved throughout the project and carry out equipment and system start up and commissioning activities.

## 3. **Assignment for Processional Services**

- 3.1 RFP #1099-2018 to provide commissioning services for Phase 2 of the Clarington Police Complex in Clarington was issued and advertised publicly on March 1, 2019, through the Regional Municipality of Durham's (Region) website. The RFP included, but was not limited to, the scope of work, description of the services to be provided, submission instructions and evaluation criteria that would be applied during the evaluation of proposals submitted.
- 3.2 The RFP closed on March 26, 2019. The RFP resulted in the submission of five compliant proposals from the following firms:
- CDML Consulting Ltd.
  - Isotherm Engineering Ltd.
  - Jones Lang LaSalle Real Estate Services Inc.
  - Pact Engineering Inc.
  - Rowan Williams Davies & Irwin Inc.
- 3.3 Evaluations of the proposed information received were carried out by the project evaluation committee made up of Works Department and Durham Regional Police Services staff. Region's Purchasing Section of the Finance Department oversaw the evaluation process.

- 3.4 The proposals were evaluated against the following evaluation criteria:
- Understanding of Project Requirements (15%);
  - Company Background, Qualifications and Experience (20%);
  - Work Team Background, Qualifications and Experience (20%);
  - Technical Solution – Methodology, Resources / Innovation and Quality Management (25%);
  - Financial Pricing (20%); and
  - References (Pass/Fail).
- 3.5 Based on an overall technical and financial evaluation of the proposals by the evaluation committee, it is recommended that the highest scoring proponent, Jones Lang LaSalle Real Estate Services Inc. be awarded the commissioning services assignment.
- 4. Financial Implications**
- 4.1 Section 9.4.1 of the Region's Purchasing By-Law 68-2000 (Amended) requires that where the project or annual value of a consulting or professional services assignment is expected to be more than \$60,000, the approval of Regional Council is required for the award of the assignment when proposals are obtained.
- 4.2 Funding for the commissioning services for Phase 2 of the Clarington Police Complex at a total upset limit not to exceed \$98,800\* is available within the approved capital budget (Project G1405). Report #2015-F-75 approved \$5.26 million for the acquisition of property, architectural design, engineering and project management services related to the Phase 2 Clarington Complex facility.
- 5. Conclusion**
- 5.1 It is recommended that Request for Proposal #1099-2018 be awarded to Jones Lang LaSalle Real Estate Services Inc. to provide commissioning services for Phase 2 of the Clarington Police Complex, in the Municipality of Clarington at an upset limit not to exceed \$98,800\*.
- 5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendations.

5.3 For additional information, please contact Dave Nagy, Manager, Facility Design, Construction and Asset Management, at 905-668-7711, extension 2202.

Respectfully submitted,

**Original signed by John Presta for:**

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Susan Siopis, P. Eng.  
Commissioner of Works

Recommended for Presentation to Committee

**Original signed by:**

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Elaine C. Baxter-Trahair  
Chief Administrative Officer

## Resolutions from Advisory Committees

### Energy From Waste – Waste Management Advisory Committee (EFW-WMAC)

1. Deferral of Recommendation C) of Report #2019-COW-3

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That we recommend to the Works Committee for approval and subsequent recommendation to Regional Council:

That the decision on Recommendation C) of Report #2019-COW-3: That staff be authorized to commence the Environmental Assessment (EA) for the Durham York Energy Centre (DYEC) expansion to process 250,000 tonnes per year, including retaining consulting assistance at a cost not to exceed \$60,000, subject to the finalization of the 2019 Solid Waste Management Business Plans and Budgets, be deferred until after there has been public consultation on the long-term waste management strategy; after the EFW-WMAC has had a presentation on the Solid Waste Management Servicing and Finance Study; and after a report is presented to the Works Committee and Regional Council regarding the impacts of the DYEC that is referenced on Page 5 of Report #2019-COW-8: Organics Management Update and Next Steps.