



The Regional Municipality of Durham

Works Committee Agenda

Council Chambers
Regional Headquarters Building
605 Rossland Road East, Whitby

Wednesday, October 2, 2019

9:30 AM

1. Declarations of Interest

2. Adoption of Minutes

A) Works Committee meeting – [September 4, 2019](#)

Pages 4 - 20

3. Statutory Public Meetings

There are no statutory public meetings

4. Delegations

There are no delegations

5. Presentations

5.1 Rich Tindall, Manager, Plant Operations, re: Presentation of
“The Water Environment Federation 2019 Operator Ingenuity
Award – WEFTEC 2019”

6. Waste

6.1 Correspondence

A) Information Report #[2019-INFO-59](#): Durham York Energy
Centre Ambient Air Monitoring Program: Total Suspended
Particulate Exceedance

21 - 22

**Pulled from August 23, 2019 Council Information Package
by Councillor Joe Neal**

Recommendation: Receive for Information

6.2 Reports

There are no Waste Reports to be considered.

7. Works

7.1 Correspondence

7.2 Reports

- A) Award of Request for Proposal # 660-2019 to Establish a Registry of Qualified Ontario Land Surveyors to Provide Surveying Services with Estimated Individual Project Values up to \$125,000 (2019-W-69) 23 - 26
- B) Options for Redistribution of Frontage Charges for a Watermain on Range Road, Lakeridge Road and Ontoro Boulevard, in the Town of Ajax (2019-W-70) 27 - 31
- C) Sole Source Engineering Services Agreement for Detailed Design to Replace Existing Watermains with the Ontario Ministry of Transportation (MTO) Simcoe Street South and Albert Street Bridge Replacement projects at Highway 401 in the City of Oshawa (2019-W-71) 32 - 36
- D) Report on Tenders and Additional Financing for Regional Municipality of Durham Contract D2019-036 for Maintenance Upgrades at the Michael Boulevard Sanitary Sewage Pumping Station in the Town of Whitby (2019-W-72) 37 - 40
- E) Amendments to Regional Traffic and Parking By-Law #44-2006 (2019-W-73) 41 - 49

8. Advisory Committee Resolutions

There are no advisory committee resolutions to be considered

9. Confidential Matters

9.1 Reports

- A) Confidential Report of the Commissioner of Works and the Director of Legal Services – Litigation or Potential Litigation, including matters before Administrative Tribunals, affecting the Regional Corporation with respect to Recovery of the Regional Corporation of Durham's Costs Relating to the 2017 Fire at Waste Management of Canada Corporation's Clarington Transfer Station (2019-WR-11)

Under Separate Cover

- B) Confidential Report of the Commissioner of Works –
Litigation or Potential Litigation, including matters
before Administrative Tribunals, affecting the Regional
Corporation, with respect to a s. 24 Settlement
Agreement under the Expropriations Act, R.S.O. 1990,
c.E.26, for Lands Acquired to Facilitate the
Reconstruction of Regional Road 2 (Kingston Road), in
the City of Pickering (2019-W-67) Under Separate Cover
- C) Confidential Report of the Commissioner of Works –
Acquisition or Disposition of Land for Regional
Corporation Purposes with Respect to the Purchase of
Lands required for the Bus Rapid Transit project, in the
City of Pickering (2019-W-68) Under Separate Cover

10. Other Business

11. Date of Next Meeting

Wednesday, November 6, 2019 at 9:30 AM

12. Adjournment

Notice regarding collection, use and disclosure of personal information:

Written information (either paper or electronic) that you send to Durham Regional Council or Committees, including home address, phone numbers and email addresses, will become part of the public record. This also includes oral submissions at meetings. If you have any questions about the collection of information, please contact the Regional Clerk/Director of Legislative Services.

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

The Regional Municipality of Durham

MINUTES

WORKS COMMITTEE

Wednesday, September 4, 2019

A regular meeting of the Works Committee was held on Wednesday, September 4, 2019 in 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 John Neal
Councillor Smith
Regional Chair Henry attended the meeting at 10:17 AM

Also

Present: Councillor Joe Neal attended the meeting at 9:35 AM

Absent: Councillor McLean

Staff

Present: E. Baxter-Trahair, Chief Administrative Officer
J. Demanuele, Director of Business Services
J. Hunt, Director of Legal Services, Corporate Services – Legal Services
R. Inacio, Systems Support Specialist, Corporate Services – IT
R. Jagannathan, Director of Transportation and Field Services
M. Januszkiewicz, Director of Waste Management
S. Kemp, Manager of Traffic Engineering and Operations
K. McDermott, Senior Solicitor, Corporate Services – Legal Services
A. Naeem, Solicitor, Corporate Services – Legal Services
J. Paquette, Manager (Works), Corporate Communications
J. Presta, Acting Commissioner of Works
S. Penak, Committee Clerk, Corporate Services – Legislative Services

1. Declarations of Interest

There were no declarations of interest.

2. Adoption of Minutes

Moved by Councillor Smith, Seconded by Councillor Barton,
(107) That the minutes of the regular Works Committee meeting held on
Wednesday, June 5, 2019, be adopted.

CARRIED

3. Statutory Public Meetings

There were no statutory public meetings.

4. Delegations

Moved by Councillor John Neal, Seconded by Councillor Marimpietri,
(108) That the Rules of Procedure be suspended in order to allow Donna
Lanigan to appear as a delegate regarding Composting in Durham.

CARRIED on a 2/3rds vote

4.1 Lillian Kuehn, Ajax resident, re: Petition for Watermain Construction on Range Road and Ontoro Boulevard, In the Town of Ajax

L. Kuehn, Ajax resident, appeared before the Committee with respect to the concerns over equitable distribution of costs for the watermain construction on Range Road and Ontoro Boulevard, in the Town of Ajax. A copy of her delegation and supporting documents was provided as a handout.

Highlights from her presentation included:

- Petition Vote Result Distribution – 44 Votes
- Fee Distribution
- Frontage Fee relative to Assessed Value
- Distribution of Cost is not equitable
- Ontario Regulation 586/06
- Alternate Scenarios – Just and Equitable Basis

L. Kuehn stated that the distribution of costs of the public portion of the watermain construction along Range Road and Ontoro Boulevard using only “frontage fees” and the way the petition votes are weighted, unfairly burden a specific group of homeowners. She noted that the frontage fees being charged ranged from \$6,000 to \$225,000 per property. She emphasized that the cost to bring water to her house would be approximately \$102,000 for a longer rural driveway.

L. Kuehn referenced Ontario Regulation 586/06, Section 16: Reductions and increases in special charges, and Section 17: Reduction in special charges, highlighting the phrase “adjust that amount on a just and equitable basis as compared with the other specially charged lots”.

L. Kuehn suggested the following alternate scenarios for the distribution of costs of the public portion of the watermain construction:

- Equal Benefit for Equal Cost ~ \$33,000
- Distribute costs based on assessed value
- Cap Frontages > 30m at 30m - recalculate cost/m
 - Cost \$/m = \$1,284
 - Frontage Fees range - \$14,055 - \$38,554
- Cap Frontages > 30m at 30m – Municipality assumes the difference
- Municipality determines lower special charges for certain lots
- Treat the properties different based on zoning
- Modify Zoning to allow the larger lots to gain an increased benefit
- Rerouting the pipeline to avoid the no votes
- Consider other forms of cost recovery

L. Kuehn stated that she is not against the watermain or paying a “just and equal amount” comparable to the others for the same benefit. She formally asked Council to reconsider the manner in which these costs have been distributed and adjust them, so that they are just and equitable, which the legislation allows.

4.2 Linda Gasser, Durham resident, re: Notice of Commencement – Durham York Energy Centre Throughput Increase from 140,000 to 160,000 Tonnes per year

L. Gasser, Durham resident, appeared before the Committee with respect to the Notice of Commencement – Durham York Energy Centre Throughput Increase from 140,000 to 160,000 tonnes per year.

L. Gasser stated that the Notice of Commencement is misleading regarding the status of the Terms of Reference for the 250,000 tonne expansion. She also stated that how staff intend to implement the Council direction regarding drafting the Terms of Reference for the 250,000 tonne expansion must be clearly described in writing to both Council and the public.

L. Gasser stated that the information she received from staff at the August 21, 2019 Public Information Centre was not consistent with the Council direction on drafting the Terms of Reference for the expansion.

L. Gasser requested that the August 30, 2019, comment deadline be extended by at least a month to provide more time for people to respond.

L. Gasser responded to questions from the Committee.

4.3 Donna Lanigan, Clarington resident, re: Composting in Durham Region

D. Lanigan, Clarington resident, appeared before the Committee with respect to composting in Durham Region. A copy of her delegation was provided as a handout.

D. Lanigan stated that she has noticed very few residents putting out their green bins on garbage day. She noted that the last roll out of green bins occurred in July 2006 to homes across Whitby, Ajax, Oshawa and parts of Pickering.

D. Lanigan advised that she has received notices regarding the green bin, but they are focused on the price. She stated that she believes the green bins should be free as opposed to the current cost of \$32/green bin.

D. Lanigan stated that more should be done to ensure Durham residents are using their green bins such as calling residents, putting out flyers, and advertising their use on the Region's Facebook page. She stated that newer area residents seem to be more informed about recycling and questioned how re-sales are handled and if someone is following up with them.

D. Lanigan responded to questions from the Committee.

5. Presentations

5.1 Steve Kemp, Manager of Traffic Engineering and Operations, re: Automated Enforcement – Red Light Cameras and Automated Speed Enforcement (2019-W-65 and 2019-W-66) [Item 7.2 K) and Item 7.2 L)]

S. Kemp, Manager of Traffic Engineering and Operations, presented a PowerPoint presentation regarding Automated Enforcement – Red Light Cameras and Automated Speed Enforcement.

Highlights from the presentation included:

- Outline
- How Do Red-Light Cameras (RLC) Work?
 - First Photo
 - Second Photo
- How Do Automated Speed Enforcement (ASE) Cameras Work?
- Site Selection Process
- Red-Light Camera Site Selection Criteria
- Automated Speed Enforcement Site Selection Criteria
- Proposed Locations
 - Proposed Red-Light Camera Locations
 - Proposed ASE Locations
- Expected Benefits

- Automated Enforcement – Results (RLC and ASE)
- Why Now?
- Durham Vision Zero – Why Do We Need Automated Enforcement

S. Kemp explained red-light cameras (RLC) work by taking two photographs. The first photo would show a vehicle behind the white stop bar at the start of the red light, and the second photo would show the vehicle beyond the white stop bar, after the start of the red light, therefore being in violation.

S. Kemp advised that ASE works similar to RLCs by taking photos of the speeding vehicles including their license plate, and a charge is then sent to the registered owner of those vehicles.

S. Kemp advised that all 623 traffic signals within the Region of Durham were analyzed and ranked to determine the locations of the RLCs. He noted the ASE site selection criteria was established by legislation and only permitted in school zones and community safety zones.

S. Kemp advised that the reasons for moving forward with these programs now is that the public is asking for increased enforcement, resources for traditional enforcement are limited, and they work. He noted that no other safety countermeasures achieve such a level of crash reduction.

S. Kemp responded to questions from the Committee regarding the potential for fine revenue and how it would be dispersed; other locations that may benefit from a RLC or ASE; the legislation requiring all RLC and ASE zones to be signed; fines being doubled in school zones and community safety zones; whether there is a mobile option for red-light cameras; and when these programs would be implemented.

S. Kemp advised that he would follow-up with Councillor Marimpietri directly regarding the intersection of Thickson Road and Taunton Road, and why it did not appear on the initial list of potential site locations.

Staff were requested to prepare a memorandum regarding fatalities that have occurred in rural sections of Durham for the Regional Council meeting on September 25, 2019.

6. Waste

6.1 Correspondence

There were no communications to consider.

6.2 Reports

- A) Announcement by the Minister of Environment, Conservation and Parks regarding the Transition of the Blue Box to Extended Producer Responsibility (2019-WR-9)

Report #2019-WR-9 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Barton,
(109) That we recommend to Council:

That Report #2019-WR-9 of the Commissioner of Works be received for information.

CARRIED

7. Works

7.1 Correspondence

- A) Correspondence dated August 21, 2019 from the Ministry of Transportation, re: Proposed improvements at the Highway 401/Harmony Road/Bloor Street interchange

Moved by Councillor Smith, Seconded by Councillor Barton,
(110) That the correspondence dated August 21, 2019 from the Ministry of Transportation, re: Proposed improvements at the Highway 401/Harmony Road/Bloor Street interchange be received for information.

CARRIED AS AMENDED
(See Following Motion)

Moved by Councillor John Neal, Seconded by Councillor Marimpietri,
(111) That the main motion (110) of Councillors Smith and Barton be amended as follows:

That the correspondence dated August 21, 2019 from the Ministry of Transportation, re: Proposed improvements at the Highway 401/Harmony Road/Bloor Street interchange be forwarded to Regional Council for information.

CARRIED

The main motion (110) of Councillors Smith and Barton was then put to a vote and CARRIED AS AMENDED.

7.2 Reports

- A) Lease with Durham College for Space Located at 2000 Simcoe Street North, in the City of Oshawa, for Durham Regional Police Services (2019-W-53)

Report #2019-W-53 from S. Siopis, Commissioner of Works, was received.

Discussion ensued with respect to potential locations in the Town of Ajax, as well as ensuring economic development agencies are made aware of the need for a new location.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(112) That we recommend to Council:

That Report #2019-W-53 of the Commissioner of Works be received for information.

CARRIED

B) Petition for Construction of a Watermain on Range Road, Lakeridge Road and Ontoro Boulevard, in the Town of Ajax (2019-W-54)

Report #2019-W-54 from S. Siopis, Commissioner of Works, was received.

Councillor Smith made note of an error within the body of Report #2019-W-54 and Report #2019-W-55. Staff advised that revised pages would be provided at the Regional Council meeting on September 25, 2019.

Discussion ensued regarding a past amendment that was made that would allow residents who took advantage of the financing option, would have to have it registered against their property. J. Presta advised that it isn't specifically noted in the report, but staff would work with the legal department once the letters were sent to the residents.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(113) That we recommend to Council:

That the construction of a watermain on Range Road, Lakeridge Road and Ontoro Boulevard, in the Town of Ajax, be considered in the 2020 Water Supply System Capital Budget.

CARRIED

Moved by Councillor Crawford, Seconded by Councillor Barton,
(114) That staff review the alternate scenarios and concerns presented by the delegation L. Keuhn, at the Works Committee meeting held September 4, 2019, and report back to see if there are opportunities for more equitable cost sharing, without starting the petition process over.

CARRIED

C) Petition for Construction of a Watermain on Fielding Court, in the Town of Ajax (2019-W-55)

Report #2019-W-55 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,

(115) That we recommend to Council:

That the construction of a watermain on Fielding Court, in the Town of Ajax, be considered in the proposed 2020 Water Supply System Capital Budget.

CARRIED

D) Enactment of a By-law to Limit the Gross Vehicle Weight of Vehicles Passing over a Bridge Forming Part of the Regional Road System (2019-W-56)

Report #2019-W-56 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,

(116) That we recommend to Council:

A) That Corporate Services – Legal Services be directed to enact a by-law, generally in the form included as Attachment #1 to Report #2019-W-56 of the Commissioner of Works, 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 by-law as indicated in the form included as Attachment #1 to Report #2019-W-56.

CARRIED

E) Traffic By-law Amendment to Permit Area Municipalities to use an Administrative Penalty System Process for By-law Infractions on Regional Roads (2019-W-58)

Report #2019-W-58 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,

(117) That we recommend to Council:

A) That the Traffic By-law #44-2006 be amended to allow local municipalities to enforce by-law infractions on Regional roads through an Administrative Penalty System process where permitted by the local municipality's Administrative Penalty System Memorandum of Understanding with the Province of Ontario and their local by-laws; and

B) That an amending by-law, generally in the form included as Attachment #1 to Report #2019-W-58 of the Commissioner of Works, be approved.

CARRIED

F) Endorsement of Mr. Rob Franklin to the Trent Conservation Coalition Source Protection Committee (2019-W-59)

Report #2019-W-59 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(118) That we recommend to Council:

- A) That Mr. Rob Franklin be endorsed as the municipal representative on the Trent Conservation Coalition Source Protection Committee;
- B) That this endorsement be active upon receipt of formal Council resolutions from each of the member municipalities within the Ganaraska Region Source Protection Area; and
- C) That this endorsement be forwarded to the Lower Trent Source Protection Authority as the lead Source Protection Authority for official appointment to the Source Protection Committee.

CARRIED

G) Standardization and Approval to Award Sole Source Supply of Uninterruptible Power Supply Equipment (2019-W-61)

Report #2019-W-61 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(119) That we recommend to Council:

- A) That Uninterruptible Power Supply equipment for traffic signals manufactured by Alpha Technologies be adopted as the standard for the Regional Municipality of Durham;
- B) That a sole source contract with Tacel Limited for the provision of Uninterruptible Power Supply equipment at traffic control signals be awarded, for a five-year term (January 1, 2020 to December 31, 2024) totalling \$1,625,000* at an annual cost of approximately \$325,000*, with financing provided subject to Regional Council's approval of the Works Department Business Plans and Budgets; and
- C) That the Commissioner of Finance be authorized to execute the necessary agreement.
(*) including all applicable taxes

CARRIED

H) Seaton Phase 1 Regional Infrastructure Front Ending Agreement – Amending Agreement (2019-W-62)

Report #2019-W-62 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(120) That we recommend to Council:

- A) That the planned trunk sanitary sewer under Elsa Storry Avenue, on the south side of Highway 407, be reclassified from a Region Constructed Project to a Landowner Constructed Project, as defined in the Seaton Phase 1 Regional Infrastructure Front Ending Agreement;
- B) That the Amending Agreement with the Seaton Landowners Group to allow this reclassification of project type, as identified in the Seaton Phase 1 Regional Infrastructure Front Ending Agreement, be approved; and
- C) That the Regional Chair and Clerk be authorized to execute any necessary documents or agreements required to facilitate the arrangement described herein.

CARRIED

- I) Amendment and Extension of Lease for Premises with Campbell Drive Professional Building Inc. at 2 Campbell Drive, Suites 301 – 305, in the Township of Uxbridge, for the Regional Municipality of Durham Social Services Department (2019-W-63)

Report #2019-W-63 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(121) That we recommend to Council:

- A) That the amendment and extension of lease for 446.86 square metres (4,810 square feet) of office space, being part of the building located at 2 Campbell Drive, Suites 301 – 305, in the Township of Uxbridge be approved with the following terms and conditions:
 - i) The term is for a period of two years commencing November 1, 2019, ending October 31, 2021, with an option to extend for an additional three years subject to the rental rate being negotiated;
 - ii) The annual rental rate for the two-year period of the lease is \$64,935* based on a rate of \$145.31* per square metre (\$13.50* per square foot);
 - iii) The Regional Municipality of Durham is responsible for all operating costs for the building, common areas and the leased premises;
 - iv) The Regional Municipality of Durham 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 amendment and extension of the lease agreement.
(*) before applicable taxes in all instances

CARRIED

J) Rainbow Pedestrian Crosswalks (2019-W-64)

Report #2019-W-64 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(122) That we recommend to Council:

That installations of Rainbow Pedestrian Crosswalks not be permitted on
Regional Roads.

CARRIED

K) Red-Light Camera Program Implementation (2019-W-65)

Report #2019-W-65 from S. Siopis, Commissioner of Works, was received.

Discussion ensued regarding ensuring consistency with the Durham Regional Police; the educational aspect of implementing the programs; other intersections that would benefit from a red-light camera (RLC) or automated speed enforcement (ASE); and failure of the Provincial Road Network.

Further discussion ensued regarding the signage for RLC and ASE intersections. Legal Services staff advised Committee that the legislation is very prescriptive, and signage is required at any intersection that has a RLC or ASE.

Councillor Joe Neal raised a concern regarding the intersection of Hwy. 2 and Townline Road in Courtice being identified as a Community Safety Zone and where ASE would occur. He stated he didn't think this would address the safety problem and that the issue is more due to the traffic going into and out of the plazas in this area. Staff advised they would monitor the statistics collected at this intersection and if it is determined that the safety measures aren't performing as expected, other locations would be considered. Staff also agreed to visit the site location with Councillor Joe Neal to discuss further.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(123) That we recommend to Council:

- A) That the Regional Municipality of Durham proceed with the implementation of twelve (12) Red-light Cameras as identified in Attachment #1 to Report #2019-W-65 of the Commissioner of Works to reduce red-light running and improve safety, subject to confirmation from the vendor that installations are technically feasible;
- B) That the Commissioner of Works be authorized, subject to concurrence of the Commissioner of Finance and Director of Legal Services, to negotiate, enter into and execute a standing agreement with the City of Toronto for Red-Light Camera record processing including the cost sharing of expenses related to the operation of the Joint Processing Centre, at an estimated

annual cost of \$72,000, with all 2019 costs to be funded from allowances within the Works Department's 2019 operating budget and 2020/2021 costs within the 2020 and 2021 Business Plans and Budgets;

- C) That the Commissioner of Works be authorized, subject to concurrence of the Commissioner of Finance and Director of Legal Services, to negotiate, enter into and execute a standing agreement with Her Majesty the Queen in Right of Ontario, as represented by the Ministry of Transportation, for the access and use of licence plate registration information, at an estimated annual cost of \$35,000, with all 2019 costs to be funded from allowances within the Works Department's 2019 operating budget and 2020/2021 costs within the 2020 and 2021 Business Plans and Budgets;
- D) That Regional Council request that the Province of Ontario permit the use of an Administrative Penalty System for offences issued by Red-Light Cameras;
- E) That the Commissioner of Finance be authorized to negotiate, enter into and execute a sole source agreement with Traffipax LLC for the supply, including installation and operation, of 12 red-light cameras, based on a Contract awarded through the City of Toronto's Request for Proposal No. 9148-15-5000 for "The Supply, Installation, Operation, and Maintenance of Red-Light Camera Systems within the City of Toronto and Other Municipalities within Ontario." in April of 2015, and as permitted under Article 13 of the Region's Purchasing By-law #68-2000, with the following provisions:
 - i) Contract period of two years and one month, commencing December 1, 2019 with an estimated total value of approximately \$1,000,000 (i.e. approximately \$500,000 per year), excluding taxes, with all 2019 costs to be funded from allowances within the Works Department's 2019 operating budget and 2020/2021 costs within the 2020 and 2021 Business Plans and Budgets; and
 - ii) Option to renew the contract for an additional five years, commencing January 1, 2022, subject to annual budget approval, for an estimated total value of approximately \$4,000,000, excluding taxes;
- F) That pre-budget approval be granted for the annual costs to administer the program, in both 2020 and 2021, in the amount of:
 - i) \$800,000, in both years, for Works Department red-light camera expenses; and
 - ii) \$350,000, in both years, for Legal Provincial Offences Act red-light camera expenses;

- G) That the Director of Legal Services be authorized to submit applications and other documents as may be required to the Province of Ontario or Ministry of Transportation for the appointment of any Regional employees as Provincial Offence Officers to implement the Region's Red-Light Camera Program;
- H) That staff report back to the Works Committee with an update on the Red-Light Camera program, including information on red-light running violations and program expenses and revenues in fall 2020; and
- I) That a copy of Report #2019-W-65 of the Commissioner of Works be sent to the Ministry of Transportation – Ontario, the City of Toronto and all area municipalities within the Regional Municipality of Durham.

CARRIED

L) Automated Speed Enforcement Program Implementation (2019-W-66)

Report #2019-W-66 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(124) That we recommend to Council:

- A) That the Regional Municipality of Durham proceed with the implementation of an Automated Speed Enforcement program at the twenty-two locations identified in Attachment #1 to Report #2019-W-66 of the Commissioner of Works to reduce operating speeds and improve safety;
- B) That the Commissioner of Works, subject to the concurrence of the Commissioner of Finance and Director of Legal Services, be authorized to negotiate, enter into and execute an agreement with the City of Toronto for Automated Speed Enforcement record processing including the cost sharing of expenses related to the operation of the Joint Processing Centre with all 2019 costs to be funded from allowances within the Works Department's 2019 operating budget and 2020 to 2024 for costs within the 2020 to 2024 Business Plans and Budgets;
- C) That the Commissioner of Works, subject to the concurrence of the Commissioner of Finance and Director of Legal Services, be authorized to negotiate, enter into and execute an agreement with Her Majesty the Queen in Right of Ontario, as represented by the Ministry of Transportation, for the access and use of licence plate registration information with all 2019 costs to be funded from allowances within the Works Department's 2019 operating budget and 2020 to 2024 for costs within the 2020 to 2024 Business Plans and Budgets;

- D) That Regional Council request that the Province of Ontario permit the use of an Administrative Penalty System for offences issued by Automated Speed Enforcement;
- E) That the Commissioner of Finance be authorized to negotiate, enter into and execute a sole source agreement with Redflex Traffic Systems (Canada) Limited (vendor identified through City of Toronto RFP 9148-0048) for the supply, including installation and operation of Automated Speed Enforcement equipment as permitted under Article 13 of the Region's Purchasing By-law #68-2000, as amended;
- F) That the term of the contract with Redflex Traffic Systems (Canada) Limited be for a period of five years and one month commencing December 1, 2019 with an estimated total value of approximately \$2,000,000, excluding taxes, with all 2019 costs to be funded from allowances within the Works Department 2019 operating budget and 2020 to 2024 costs within the 2020 to 2024 Business Plans and Budgets;
- G) That the Commissioner of Works, subject to the concurrence of the Commissioner of Finance and Director of Legal Services be authorized to exercise an option to renew the contract for an additional five years, commencing July 16, 2024, to operate the automated speed enforcement system, subject to budget approval, for an estimated total of approximately \$4,000,000, excluding taxes;
- H) That pre-budget approval be granted for the annual costs to administer the program, in 2020 to 2024, in the amount of:
 - i) \$500,000, in all years, for Works Department automated speed enforcement expenses; and
 - ii) \$350,000, in all years, for Legal Provincial Offences Act automated speed enforcement expenses;
- I) That staff report back to the Works Committee with an update on the Automated Speed Enforcement program, including information on speed violations and program expenses and revenues, in fall 2020; and
- J) That a copy of Report #2019-W-66 of the Commissioner of Works be forwarded to the Ministry of Transportation – Ontario, the Ministry of the Attorney General – Ontario, all area municipalities and Durham Regional Police Services.

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 – Litigation or Potential Litigation, including matters before an Administrative Tribunal with respect to s. 30 Agreement under the Expropriations Act, R.S.O. 1990, c. E.26, for Lands Acquired to Facilitate the Reconstruction of Regional Road 1 (Brock Road), in the City of Pickering (2019-W-57)
-

Confidential Report #2019-W-57 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford, (125) That we recommend to Council:

That the recommendations contained in Confidential Report #2019-W-57 of the Commissioner of Works be adopted.

CARRIED

- B) Confidential Report of the Commissioner of Works – Proposed or Pending Acquisition or Disposition of Land for Regional Corporation Purposes with Respect to the Purchase of Lands Required for the Bus Rapid Transit Project, in the City of Pickering (2019-W-60)
-

Confidential Report #2019-W-60 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford, (126) That we recommend to Council:

That the recommendations contained in Confidential Report #2019-W-60 of the Commissioner of Works be adopted.

CARRIED

10. Other Business

10.1 Green Bin Program in Durham Region

Discussion ensued regarding the Green Bin Program in Durham Region. Staff advised that there have been two distributions of green bins and any new developments receive a green bin. M. Januskiewicz advised that there is a database of residents who have received a green bin. She stated that replacements are free but if residents want more than one, they have to be purchased. She further advised that there are four staff members allocated to canvassing communities and replacing broken green bins on the spot for the entire Region.

In response to a question, staff advised they could prepare a memorandum regarding the Green Bin Program in Durham Region for the Regional Council meeting on September 25, 2019.

10.2 Notice of Commencement Durham York Energy Centre Throughput Increase from 140,000 to 160,000 Tonnes per year

In response to a question, staff advised that there will be another Public Information Centre (PIC) held at the end of October/November, but a specific date has not been finalized. Staff noted that any and all comments will be collected and responded to, including L. Gasser's comments made during her delegation earlier in the meeting. Staff also advised that they will review the wording for the next PIC notice and ensure that it aligns with Council direction. Staff clarified that the notice of commencement is for the optimization project to increase capacity to 160,000 tonnes per year, not 250,000 tonnes per year.

10.3 Delpark Homes Centre

In response to a question, R. Jagannathan provided an update on Harmony Road in the City of Oshawa across from the Delpark Homes Centre where temporary sidewalks are in place. R. Jagannathan advised that the Regional road widening project will include the construction of a sidewalk with local financing. He advised that regional staff are in consultation with city staff as to whether they can advance the sidewalk component of that project.

10.4 Market for Recyclables

In response to a question, M. Januskiewicz advised that Durham Region is one of the few municipalities that still sells its plastics collected through the Blue Box. M. Januskiewicz further advised that she will be attending St. Mary's Cement Public Information Centre being held September 5, 2019 regarding their proposal to be able to burn 400 tonnes per day of waste that includes plastics, and will be meeting with their consultant to discuss their intent; where they are getting their material; what equipment they will be using; and what kind of approvals they will be looking for from the province. She stated that she could bring an information report forward if it is of interest to the Committee.

10.5 Update on Traffic Projects in the Township of Brock

Councillor Smith enquired on the status of two projects in the Township of Brock; the installation of a traffic signal at Regional Road 23/Regional Road 13, and a roundabout at Regional Road 23/Regional Road 12. R. Jagannathan advised that he would follow up with Councillor Smith directly.

11. Date of Next Meeting

The next regularly scheduled Works Committee meeting will be held on Wednesday, October 2, 2019 at 9:30 AM in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

12. Adjournment

Moved by Regional Chair Henry, Seconded by Councillor Barton, (127) That the meeting be adjourned.

CARRIED

The meeting adjourned at 11:30 AM

Respectfully submitted,

D. Mitchell, Chair

S. Penak, Committee Clerk

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



The Regional Municipality of Durham Information Report

From: Commissioner of Works
Report: [#2019-INFO-59](#)
Date: August 23, 2019

Subject:

Durham York Energy Centre Ambient Air Monitoring Program: Total Suspended Particulate Exceedance

Recommendation:

Receive for information

Report:

1. Purpose

1.1 The purpose of this report is to update Regional Municipality of Durham Council (Region) on the Durham York Energy Centre (DYEC) Ambient Air Monitoring Program, Total Suspended Particulate (TSP) matter exceedance and reporting.

2. Background

2.1 As required by the approved Ambient Air Monitoring Program, there are two ambient air monitoring stations installed: upwind (Courtice Water Pollution Control Plant (WPCP)) and downwind (Rundle Road).

3. Total Suspended Particulate Matter Exceedance Reporting

3.1 The Ministry of Environment, Conservation and Parks (MECP) was notified of the May 9, 2019 TSP exceedance through the second quarter report as well as with a notice of exceedance.

- 3.2 The sampling results are compared to the Ontario Ambient Air Quality Standard (AAQS) of 120 micrograms per cubic metre ($\mu\text{g}/\text{m}^3$). The 2019 second quarter ambient air report was recently finalized, and a TSP exceedance was identified for May 9, 2019, at the upwind Courtice WPCP Station at a level of $146.4 \mu\text{g}/\text{m}^3$.
- 3.3 The exceedance occurred at the Courtice WPCP Station with predominant winds coming from the east. It is the opinion of the DYEC's ambient air monitoring consultant, RWDI Air Inc., that it is unlikely that DYEC was the contributor of the particulate and that the TSP exceedance was likely due to a localized source. The ambient air second quarter and notice of exceedance reports have been submitted to the MECP for their review and assessment.
- 3.4 The potential human health risks associated with TSP are with fine particulate matter ($\text{PM}_{2.5}$). The measured daily average $\text{PM}_{2.5}$ concentration at the Courtice WPCP Station on May 9 was $11.4 \mu\text{g}/\text{m}^3$ which is well below the Ontario ambient air quality criterion of $28 \mu\text{g}/\text{m}^3$ for a 24-hour period. Therefore, $\text{PM}_{2.5}$ concentrations measured on May 9 at the DYEC's upwind Courtice WPCP Station represented a negligible human health risk.

Respectfully submitted,

Original signed by John Presta for

Susan Siopis, P.Eng.
Commissioner of Works

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



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2019-W-69
Date: October 2, 2019

Subject:

Award of Request for Proposal # 660-2019 to Establish a Registry of Qualified Ontario Land Surveyors to Provide Surveying Services with Estimated Individual Project Values up to \$125,000

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That Request for Proposal #660-2019 be awarded to the four (4) selected companies listed below to form the Registry for the Provision of Surveying Services having an estimated value of up to \$125,000* per project for a term of three (3) years from the date of award:
- Delph & Jenkins North Ltd.
 - IBW Surveyors
 - J.D. Barnes Limited
 - Young and Young Surveying Inc.
- B) That the Commissioner of Finance be authorized to execute the necessary agreements.

Report:**1. Purpose**

- 1.1 The purpose of this report is to provide details and obtain approval to award Request for Proposal (RFP) #660-2019 to four (4) Ontario Land Surveyors (OLS) companies for the provision of surveying services with an estimated value of up to \$125,000* per project. The registry will remain in effect for a term of three (3) years from the date of award, in accordance with the terms and conditions of the RFP. Dollar amounts followed by an asterisk (*) are before applicable taxes.

2. Background

- 2.1 The Regional Municipality of Durham (Region) requires the services of an OLS anytime an interest in land is required for Regional infrastructure projects, other than when the purchase is a full taking. The current process involves requesting quotes from one or multiple OLS contractors and then entering into a consulting agreement each time a survey is required. This is a time-consuming process and can impact the amount of time required to acquire land.
- 2.2 In accordance with the registry process, a contractor can be quickly engaged in accordance with the registry and the Region's Purchasing By-law for work valued up to \$125,000*. Once projects are assigned, payment is made on the basis of the successful completion of the work and rates competitively bid.
- 2.3 All Registry Contractors will be asked to sign an agreement lasting for no more than three years (3) as a requirement to form part of the registry and will be asked to quote on work valued up to \$125,000* as needed. The lowest quote will be awarded the work.

3. Request for Proposal #660-2019

- 3.1 RFP #660-2019, for surveying services was issued on June 21, 2019 and advertised publicly through the Region's website.
- 3.2 The RFP closed on July 25, 2019. Proposals were received from the following eight (8) OLS Contractors:
- Delph & Jenkins North Ltd.
 - IBW Surveyors
 - J.D. Barnes Limited

- Land Survey Group Inc.
- Rouse Surveyors Inc.
- Stantec Consulting Ltd.
- 206125 Ontario Inc. o/a Ertl Surveyors
- Young and Young Surveying Inc.

3.3 The eight (8) proposals were deemed compliant and were reviewed and evaluated in accordance with the evaluation criteria outlined in the RFP, which consisted of the following:

- Company Background, Qualifications and Experience (20%)
- Personnel, Experience and Qualifications (40%)
- Quality of Reference Plans (25%)
- Pricing (15%)

3.4 The RFP allowed for selection of four (4) of the highest scoring respondents.

3.5 The proposals were evaluated by an evaluation team comprised of staff from the Works Department. The Purchasing Section of the Finance Department oversaw the evaluation process.

3.6 The evaluation resulted in the top four (4) highest scoring proposals being:

- Delph & Jenkins North Ltd.
- IBW Surveyors
- J.D. Barnes Limited
- Young and Young Surveying Inc.

4. Financial Implications

4.1 Section 14 of the Region's Purchasing By-law #68-2000 (Amended) indicates that for requirements worth up to \$125,000, the designated official may compile a list of qualified suppliers whenever it is desirable to pre-qualify suppliers according to established criteria prior to selecting a supplier. In order to compile a list of qualified suppliers, the designated official will invite suppliers to apply for Inclusion in such lists by advertisement.

4.2 Financing for this registry will be available from the funds allocated in the approved budget for the projects.

5. Conclusion

- 5.1 It is recommended that Request for Proposals #660-2019 to establish a Registry of Qualified Ontario Land Surveyors be awarded to the four (4) companies listed within this report for a three (3) year term, in accordance with the terms and conditions of the Request for Proposal.
- 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 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

To: Works Committee
From: Commissioner of Works
Report: [#2019-W-70](#)
Date: October 2, 2019

Subject:

Options for Redistribution of Frontage Charges for a Watermain on Range Road, Lakeridge Road and Ontoro Boulevard, in the Town of Ajax

Recommendation:

That the Works Committee recommends to Regional Council that full cost recovery be applied to the water supply petition on Range Road, Lakeridge Road and Ontoro Boulevard, in the Town of Ajax.

Report:

1. Purpose

1.1 The purpose of this report is to advise Works Committee of options available to distribute Frontage Charges resulting from the successful watermain petition to service Range Road, Lakeridge Road and Ontoro Boulevard, in the Town of Ajax.

2. Background

2.1 On February 27, 2019, Regional Council directed staff to initiate a petition process for water supply servicing for the forty-four (44) properties in the Greenbelt, abutting Range Road, Lakeridge Road and Ontoro Boulevard (Attachment #1).

2.2 On June 26, 2019, Regional Council approved the recommendations in Report #2019-COW-21, and amended Schedule E of By-law #89-2003 to reflect the addition of the following payment terms for extension of municipal water supply services resulting from successful petitions for properties located within the Greenbelt:

- a) The annual interest rate for the payment of frontage charges for the extension of municipal water supply services to properties in the Greenbelt be established at the prime rate of the Region's financial institution plus 1.5 per cent, with the prime rate based on the date the final letter outlining fees owing is issued; and
 - b) The payment term for the frontage charges for the extension of services to properties in the Greenbelt be 10 years or 15 years at the option of the property owner.
- 2.3 Report #2019-COW-21 also included a statement that the project should be based on full cost recovery in keeping with standard Regional practice and policy.
- 2.4 The Region sent out a petition to the residents on June 27, 2019 along Range Road, Lakeridge Road and Ontoro Boulevard regarding the construction of a watermain to service this area. The petition was successful, and the Regional Clerk certified the sufficiency of the petition process which confirmed that the property owners are in favour of the petition.
- 2.5 On September 4, 2019, Works Committee approved Report #2019-W-54 which presented the results of the petition and recommended the works be considered in the 2020 Water Supply System Capital Budget.
- 2.6 One affected resident presented concerns in a delegation to Works Committee on September 4, stating that the distribution of costs based on frontage lengths is not equitable.
- 2.7 Works Committee requested that staff prepare a supplemental report to present any options available to address the concerns raised by the resident which would not require re-issuing the petition to the property owners.
- 3. Available Options for Redistributing Frontage Costs**
- 3.1 In the delegation, the affected resident offered several suggestions as to how the Frontage Charges could be redistributed. All but two of these suggestions would increase the costs for a majority of other residents and, therefore, could not be implemented without re-issuing a new petition. The remaining two options are to allow additional lot creation on the larger lots, or to limit the Frontage Charges based on a maximum frontage payable which does not permit full cost recovery.

- 3.2 The Provincial Greenbelt Plan (2017) discourages lot creation. The type of infill development proposed by the resident would not be permitted through either the Greenbelt Plan, or the Regional Official Plan.
- 3.3 The remaining option is to limit the Frontage Charges based on a maximum frontage payable. The process of the petition and the recovery of costs are addressed in Ontario Regulation 586/06 as well as in the Regional Water Supply System By-Law 89-2003. O.Reg.586/06 states that a maximum frontage can be set by the municipality by by-law or, in the absence of such a by-law, 30 metres can be used. The Region's Water Supply System By-Law does not contain a residential use maximum; however, it does contain an agricultural use maximum of 38 metres.
- 3.4 For the purposes of this report, three maximum chargeable frontage lengths have been considered. The results are contained in the following table (all costs are based on estimates; actual costs will be payable).

Maximum Frontage Charged	30 metres (O.Reg.586/06)	38 metres (By-law 89- 2003)	75 metres
Maximum Frontage Charge/Lot	\$16,672	\$21,118	\$41,681
Recoverable Frontage	\$626,500	\$718,200	\$1,000,600
Unrecoverable Frontage (To be funded from User Revenue)	\$822,200	\$730,500	\$448,100
Total Project Cost	\$1,448,700	\$1,448,700	\$1,448,700

- 3.5 Section 17(3) of O.Reg.586/06 requires that, "the amount of the reduction in the amount to be specially charged on the lot shall be added to the municipality's share of the cost." Therefore, all unrecoverable frontage costs must be funded by the Regional Water Supply user rate customers.
- 3.6 Applying a maximum chargeable frontage is contrary to the Region's policy that all petition projects should be based on full cost recovery.

4. Conclusion

- 4.1 The petition for the construction of a watermain on Range Road, Lakeridge Road and Ontoro Boulevard, in the Town of Ajax, has met the minimum requirements in order to proceed as set out in Ontario Regulation 586/06.
- 4.2 Options have been presented to redistribute frontage charges for this project by capping the amount of frontage charges payable based on frontage size, however in each option a component of the cost must be funded by the Regional Water Supply user rate customers, contrary to Regional policy of full cost recovery for petition projects.
- 4.3 This report has been reviewed by Corporate Services – Legal Services and the Finance Department.
- 4.4 For additional information, please contact John Presta, Director, Environmental Services, at 905-668-7711, extension 3520.

5. Attachments

Attachment #1: Location Plan – Range Road, Lakeridge Road and Ontoro Boulevard Limits of Petition, Town of Ajax

Respectfully submitted,

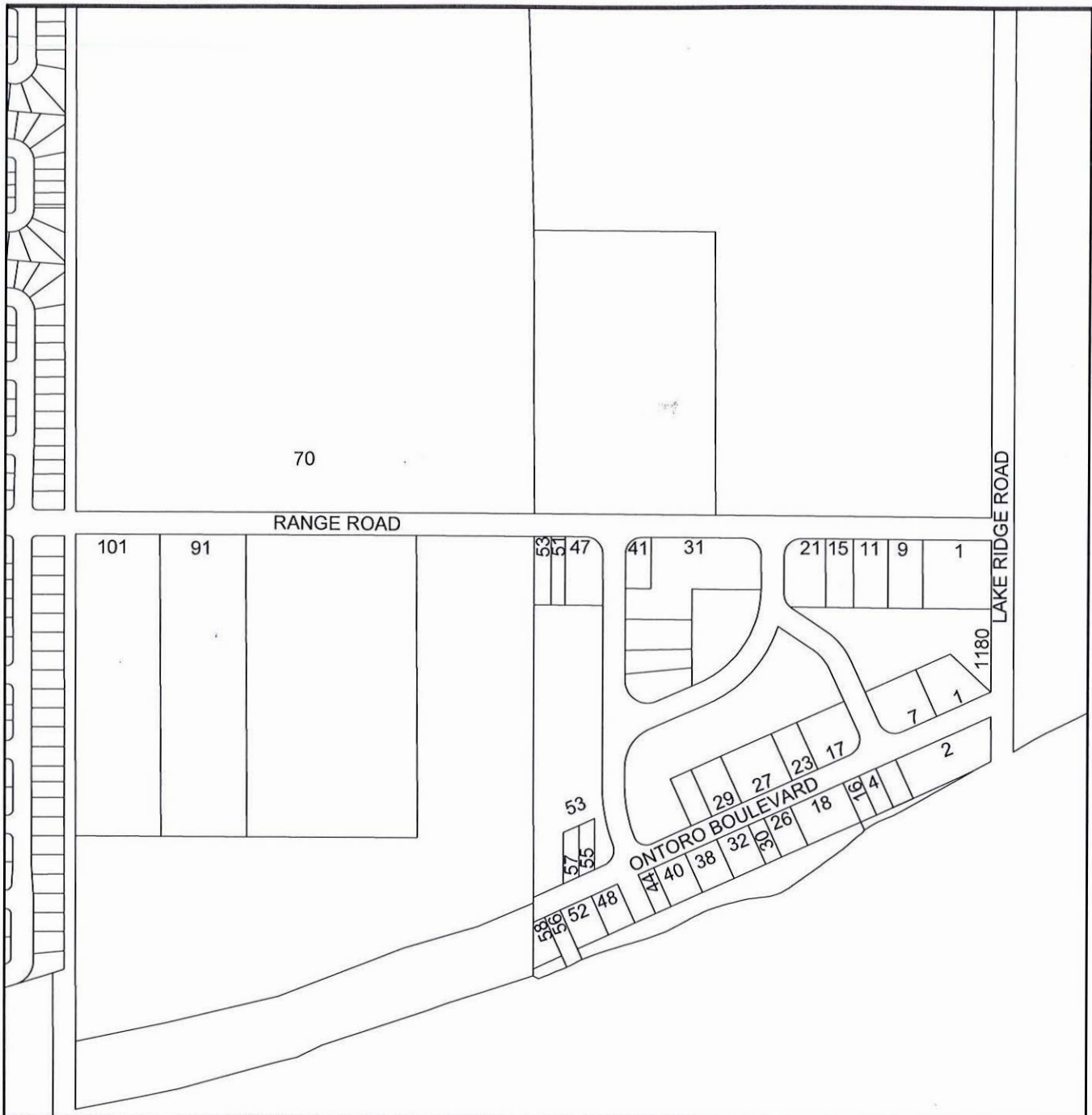
Original signed by John Presta for

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by

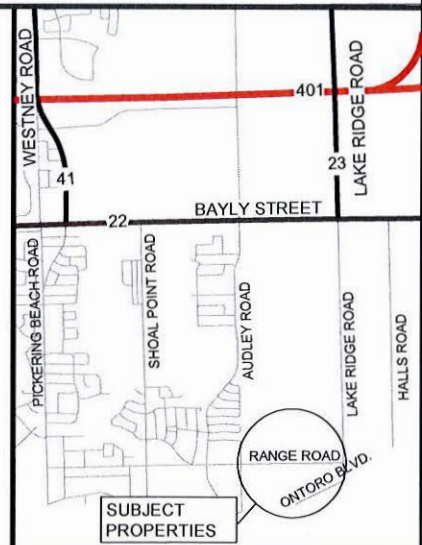
Elaine C. Baxter-Trahair
Chief Administrative Officer



Attachment #1: Range Road and Ontoro Boulevard



This map has been produced from a variety of sources. The Region of Durham does not make any representations concerning the accuracy, likely results, or reliability of the use of the materials. The Region disclaims all representation and warranties. © MPAC and all its suppliers. All rights reserved. Not a plan of Survey



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



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: [#2019-W-71](#)
Date: October 2, 2019

Subject:

Sole Source Engineering Services Agreement for Detailed Design to Replace Existing Watermains with the Ontario Ministry of Transportation (MTO) Simcoe Street South and Albert Street Bridge Replacement projects at Highway 401 in the City of Oshawa

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That the Regional Municipality of Durham enter into a sole source engineering services agreement with WSP Inc. to undertake detailed design to replace existing watermains with the Ontario Ministry of Transportation Simcoe Street South and Albert Street bridge replacement projects at Highway 401, in the City of Oshawa, at an amount not to exceed \$246,086* to be funded 50 percent from the approved water supply budget of \$300,000 for this project and 50 percent from the Ontario Ministry of Transportation; and
 - B) That the Commissioner of Finance be authorized to execute the necessary engineering services agreement.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to obtain approval to enter into a sole source engineering services agreement with WSP Inc. to undertake detailed design to replace existing watermains with the Ontario Ministry of Transportation (MTO)

Simcoe Street South and Albert Street bridge replacement projects at Highway 401, in the City of Oshawa (Oshawa). Dollar amounts followed by an asterisk (*) are before applicable taxes and including disbursements.

2. Background

- 2.1 MTO has proposed to remove and replace the existing bridges over Highway 401 at Simcoe Street South and Albert Street in Oshawa. The planned work requires the relocation and replacement of existing watermains owned and maintained by the Regional Municipality of Durham (Region).
- 2.2 The Region has identified existing 450 millimetre (mm) cast iron watermain installed in 1946 that falls within the proposed construction limits of the new bridge abutments at Albert Street. Works Department staff assessed both the age of the infrastructure and the potential breakage of the watermain due to construction activities, and recommend replacing the existing watermain with a new 600 mm diameter watermain within a protective liner in conjunction with the proposed MTO work. The new 600 mm watermain will tie into the existing watermain at Albert Street with a new 300 mm diameter watermain along Lviv Boulevard. MTO has confirmed a cost share of 50 per cent (design and construction) for these new watermains. In addition, should it be determined that a new valve chamber must be constructed on Bloor Street East to accommodate this new crossing, the MTO has accepted 100 per cent of the costs associated with that chamber (design and construction).
- 2.3 The Region has also identified existing 300 mm diameter cast iron and ductile iron watermain segments, installed in 1905 and 1978 respectively, that fall within the proposed construction limits of the new bridge abutments for Simcoe Street South. Works Department staff assessed the age of the infrastructure, the potential breakage of the watermains due to construction activities, and the proximity of the newly proposed, upsized watermain. Based on this review, staff recommend abandoning the existing watermain after the new 600 mm watermain has been constructed, including the 300 mm connection at Lviv Boulevard and Albert Street.

3. Financial Implication and Sole Source Justification

- 3.1 Section 9.4.2 of the Region's Purchasing By-Law 68-2000 (Amended) requires approval of the appropriate standing committee and Regional Council to award an assignment as a sole source where the project or annual value of a consulting or professional service assignment is expected to be more than \$60,000*.
- 3.2 MTO has retained WSP Inc. to undertake the detailed design of replacement bridges over Highway 401 at Simcoe Street South and Albert Street in Oshawa. WSP has also completed multiple projects of a similar nature in the past, including several projects for the Region. The use of WSP Inc. will ensure the Regional work is carried out in an efficient manner and mitigates the coordination of construction risks and delays related to the overall MTO design and construction project.
- 3.3 MTO has confirmed a cost share of 50 per cent of the engineering services agreement, at a total upset limit not to exceed \$246,086* for the new watermains. The Region's total cost for this engineering services agreement is estimated at \$123,043*. Funding is available from within the approved project water supply budget of \$300,000. (Project D1801).

4. Conclusion

- 4.1 It is recommended that Regional Council approve the sole source award to WSP Inc. for detailed design to replace existing watermains with the Ontario Ministry of Transportation Simcoe Street South and Albert Street bridge replacement projects at Highway 401, in the City of Oshawa, at an upset limit not to exceed \$246,086*.
- 4.2 This report has been reviewed by the Finance Department.
- 4.3 For additional information, please contact Nathaniel Andres, Project Engineer, at 905-668-7711, extension 3170.

5. Attachments

Attachment #1: Conceptual Project Work Plan – 600mm Watermain Crossing Hwy 401 and 300mm Watermain on Lviv Boulevard

Respectfully submitted,

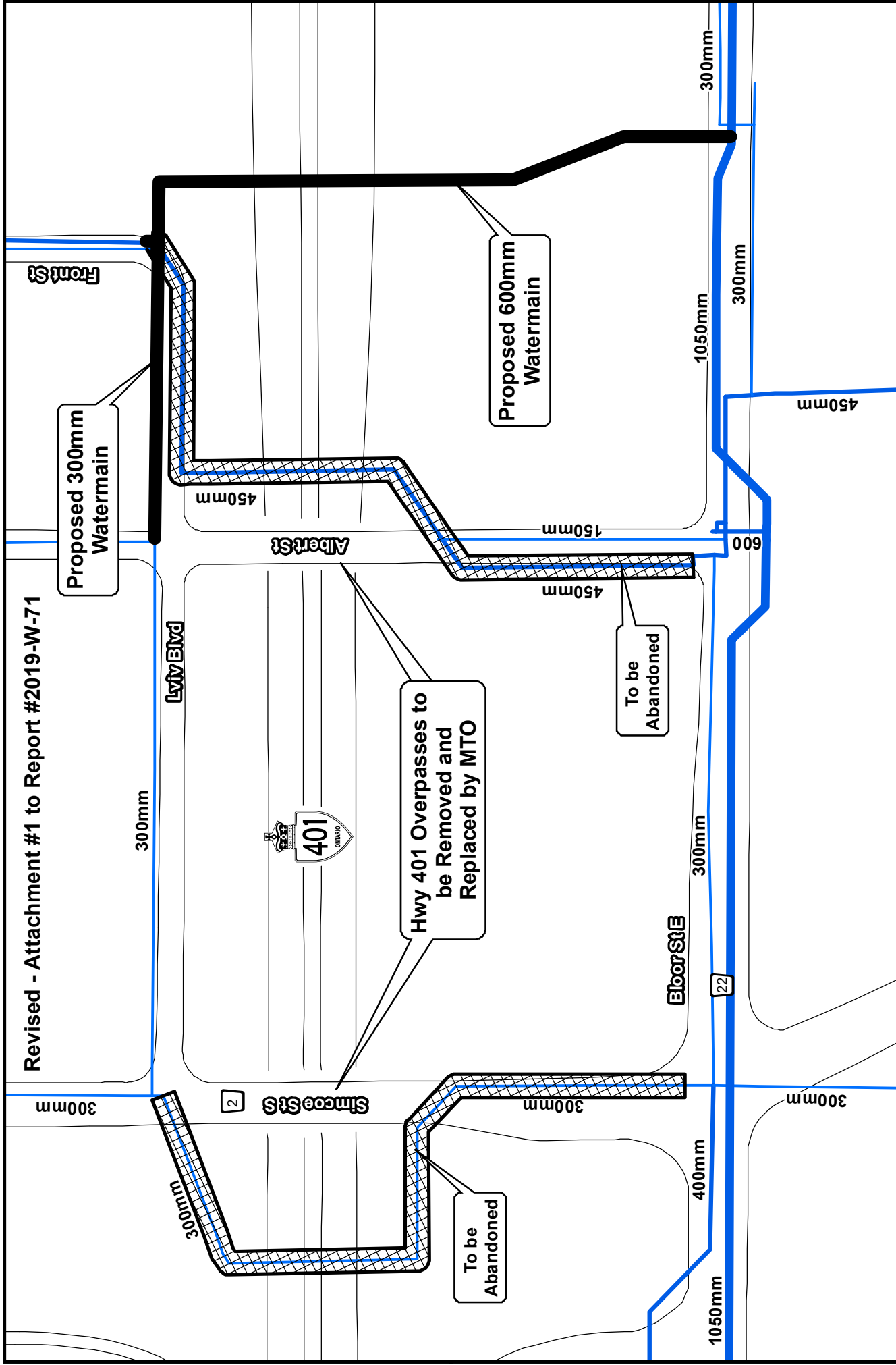
Original signed by John Presta for

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by

Elaine Baxter-Trahair
Chief Administrative Officer



- Existing Watermains
- Proposed Watermains
- Watermains to be Abandoned

The Regional Municipality of Durham
 Works Department

This map has been produced from a variety of sources. The Region of Durham does not make any representations concerning the accuracy, likely results, or reliability of the use of the materials. The Region hereby disclaims all representations and warranties.

Map Date: September 9, 2019



**Conceptual Project Work Plan:
 600mm Watermain Crossing Hwy 401 &
 300mm Watermain on Lvlv Blvd**

FIGURE 1

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



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2019-W-72
Date: October 2, 2019

Subject:

Report on Tenders and Additional Financing for Regional Municipality of Durham Contract D2019-036 for Maintenance Upgrades at the Michael Boulevard Sanitary Sewage Pumping Station in the Town of Whitby

Recommendations:

The Works Committee recommends to Regional Council:

- A) That the low compliant bid of BGL Contractors Corp., in the amount of \$419,400*, be awarded for Regional Municipality of Durham Contract D2019-036 resulting in a total estimated project cost of \$626,900;
- B) That the previously approved project budget of \$250,000 be increased by \$376,900 to a revised total project budget of \$626,900;
- C) That the funding for the additional project commitments in the amount of \$376,900 be provided from the following source:

Reallocation from the 2019 Sanitary Sewerage System Capital Budget

Item 14 Works to rectify identified system deficiencies independent of road programs in various locations (Project M1999)

User Revenues \$376,900

Total Reallocated Financing **\$376,900**

- D) That the Regional Chair and Clerk be authorized to execute Regional Municipality of Durham Contract D2019-036.

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 D2019-036 for Maintenance Upgrades at the Michael Boulevard Sanitary Sewage Pumping Station in the Town of Whitby (Whitby). Dollar amounts followed by an asterisk (*) are before applicable taxes.

2. Project Background

- 2.1 The Michael Boulevard Sanitary Sewage Pumping Station is located on Michael Boulevard in the Town of Whitby, north of Highway 401. The pumping station was constructed with three dry pit submersible pumps installed in the pit below the motor control centre room. The existing hoists are at the end of the life cycle, and due to updates to the Occupational Health and Safety Act (OHSA), the lifting devices require replacement. The project budget was developed to replace the lifting devices, however during the detailed design phase there was additional essential regulatory work identified.

3. Tender Information

- 3.1 Tenders were received for Regional Contract D2019-036 for Maintenance Upgrades at the Michael Boulevard Sanitary Sewage Pumping Station in the Town of Whitby on August 7, 2019 with one bid submitted, as follows:

<u>Bidder</u>	<u>Total Tender Amount*</u>
BGL Contractors Corp.	\$419,400

- 3.2 The difference between the tendered and budget amount is a result of scope changes to meet new OHSA including safety and electrical maintenance requirements which were not anticipated when the budget estimate was originally prepared in 2017.

4. Financial Implications

- 4.1 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.

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

Project Component	Approved Project Budget (D1729)	Proposed Change	Recommended Revised Project Budget (D1729)
Tender (excluding taxes)	\$125,000	\$294,400	\$419,400
Net HST	2,200	5,182	7,382
Engineering	82,400	45,510	127,910
Sundry and Miscellaneous	5,000		5,000
Contingencies	35,400	31,808	67,208
Total Costs	<u>\$250,000</u>	<u>\$376,900</u>	<u>\$626,900</u>

4.3 Funding in the amount of \$250,000 was approved in the 2017 Sanitary Sewage System Tangible Capital Asset Budget (Item #175/Project D1729). The recommended revised project budget of \$626,900 including the reallocation of \$376,900 can be financed as follows:

I. Project D1729 – Michael Boulevard Sanitary Sewerage Pumping Station

Sanitary Sewerage – User Revenues \$250,000

II. Reallocation from the 2019 Sanitary Sewerage System Capital Budget Item 14 Works to rectify identified system deficiencies Independent of road programs in various locations (Project M1999)

Sanitary Sewerage - User Revenues \$376,900

Total Project Financing \$626,900

5. Conclusion

5.1 It is recommended that the low compliant bidder, BGL Contractors Corp., be awarded Regional Contract D2019-036 for Maintenance Upgrades at the Michael Boulevard Sanitary Sewage Pumping Station in the Town of Whitby.

- 5.2 It is also recommended that the additional financing in the amount of \$376,900 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 Dan Waechter, Manager, Construction Management, at 905-666-7711, extension 3550.

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

To: Works Committee
From: Commissioner of Works
Report: [#2019-W-73](#)
Date: October 2, 2019

Subject:

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

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That Corporate Services – Legal Services be directed to prepare a 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 approved on June 26, 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-Parking – Regional Road 1 (Main Street), Township of Uxbridge
 - A change to Schedule II is required to designate a ‘No Parking Anytime’ restriction on both sides of Regional Road 1 (Main Street) from 60 metres north of Regional Road 13 to 640 metres south of Regional Road 13 in Leaskdale. This designation is required to reflect road design improvements, farm-vehicle maneuvers, and to improve sight lines for the pedestrian crossing.
 - b. One-Way Traffic Lanes – Regional Highway 2 (Kingston Road), Town of Ajax
 - A deletion to Schedule X is required to remove an exclusive right-turn lane on Kingston Road at 132 Kingston Road West apartment building access. This was required as part of the Bus Rapid Transit (BRT) capital road widening project.
 - c. Prohibited U-Turns – Regional Road 22 (Bayly Street), City of Pickering
 - An addition to Schedule XII is required to prohibit westbound “U” turns from exiting the Esso Gas Station / Starbucks at the end of the raised median island on Regional Road 22 (Bayly Street), west of the intersection at Liverpool Road.
 - d. Maximum Rate of Speed – Regional Road 2 (Simcoe Street), City of Oshawa
 - A change to Schedule XVI is required to delete an incorrect entry in the consolidated by-law for the posted speed limit zone on Regional Road 2 (Simcoe Street).

- e. Maximum Rate of Speed – Regional Road 5 (Concession Road 9 and Myrtle Road), City of Pickering
- A change to Schedule XVI is required to delete a distance measurement to complete the posted speed limit zone on Regional Road 5 (Concession Road 9 and Myrtle Road).
- f. Maximum Rate of Speed – Durham Vision Zero - Regional Road 8 (Reach Street), Township of Uxbridge
- A change to Schedule XVI is required to introduce a new 70 km/h posted speed limit transition zone on Regional Road 8 (Reach Street), entering Uxbridge from east of Regional Road 23 (Lake Ridge Road). The change is required to reflect results from a speed zone study on Regional Road 8 (Reach Street) 400 metres east of Regional Road 23 (Lake Ridge Road) to 600 metres west of Regional Road 23 (Lake Ridge Road).
- g. Maximum Rate of Speed – Regional Road 18 (Newtonville Road), Municipality of Clarington
- A change to Schedule XVI is required to delete a distance measurement that is needed to complete the posted speed limit zone on Regional Road 18 (Newtonville Road).
- h. Community Safety Zones – Durham Vision Zero – Regional Road 15 (Simcoe Street), Township of Brock
- An addition to Schedule XXI is required to include a new Community Safety Zone on Regional Road 15 (Simcoe Street) in Beaverton at Holy Family Catholic School. This Community Safety Zone was reviewed by staff in response to Regional Works Committee's request on May 8, 2019.
- i. Community Safety Zones – Durham Vision Zero – Regional Road 27 (Altona Road), City of Pickering
- An addition to Schedule XXI is required to include a new Community Safety Zone on Regional Road 27 (Altona Road) at E.B. Phin Public School. This Community Safety Zone was reviewed in conjunction with Durham Vision Zero plans.

- j. Reserved Lanes for Designated Classes of Vehicles – Regional Highway 2 (Kingston Road), Town of Ajax
- A change to Schedule XXV is required to make four additions to ‘Bus Only’ lanes and ‘Bicycle Lanes’ on Regional Highway 2 (Kingston Road) from Regional Road 31 (Westney Road) to Regional Road 41 (Salem Road). 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 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 II (No Parking) be further amended by **deleting** therefrom 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 1 (Main Street)	East	60 m north of Regional Road 13 and 400 m south of Regional Road 13	Anytime	
Regional Road 1 (Main Street)	West	A point 85 m south of Leaskdale Road a point 50 m southerly therefrom	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 1 (Main Street)	Both	60m north of Regional Road 13 and 640 m south of Regional Road 13	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)	120 m west of 132 Kingston Road entrance (Apartments)	Northerly Westbound	Anytime	Westbound Right-turning	Added by By-law 52-2015 December 16, 2015

4. 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 22 (Bayly Street) at the west limit of the median island at Regional Road 29 (Liverpool Road)	Westbound	

5. 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	460 m north of Ridge Top Court	King Street / Oylar Drive	80 km/h	
Regional Road 5	Pickering Concession 9 and Myrtle Road	375 m east of Sideline 4	Heron Road	80 km/h	Added by By-law 05-2017 February 8, 2017
Regional Road 8	Reach Street	600 m west of Regional Road 23 (Lake Ridge Road)	150 m west of Medd Road	80 km/h	
Regional Road 18	Newtonville Road	460 m north of Regional Highway 2	Regional Road 9 (Ganaraska Road)	80 km/h	

6. 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 5	Pickering Concession 9 and Myrtle Road	575 m east of Sideline 4	Heron Road	80 km/h	
Regional Road 8	Reach Street	600 m west of Regional Road 23 (Lake Ridge Road)	400 m east of Regional Road 23 (Lake Ridge Road)	70 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 8	Reach Street	400 m east of Regional Road 23 (Lake Ridge Road)	150 m west of Medd Road	80 km/h	
Regional Road 18	Newtonville Road	625 m north of Regional Highway 2	Regional Road 9 (Ganaraska Road)	80 km/h	

7. THAT Schedule XXI (Community Safety Zones) be further amended by **adding** thereof the following:

COLUMN 1 Highway	COLUMN 2 Between	COLUMN 3 Times of Day	COLUMN 4 Days/Months of Year	Amending By-Law Number and Date
Regional Road 15 (Simcoe Street)	Regional Road 23 (Mara Road) to 475 m east of Madill Street	Anytime	All days/months	
Regional Road 27 (Altona Road)	Sheppard Avenue to Regional Highway 2 (Kingston Road)	Anytime	All days/months	

8. That Schedule XXV (Reserved Lanes for Designated Classes of Vehicles) be further amended by **deleting** therefrom 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 (Kingston Road)	315 m west of Harwood Avenue and 150 m east of Salem Road (Regional Road 41)	Northerly Westbound	Anytime	Bicycle	Added by By-law 29-2014 June 4, 2014
Regional Highway 2 (Kingston Road)	295 m west of Harwood Avenue and 215 m east of Salem Road (Regional Road 41)	Northerly Westbound	Anytime	Public Transit Vehicle	Added by By-law 29-2014 June 4, 2014

Attachment #1 to Report #2019-W-73

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 (Kingston Road)	330 m west of Harwood Avenue and 225 m east of Salem Road (Regional Road 41)	Southerly Eastbound	Anytime	Bicycle	Added by By-law 29-2014 June 4, 2014
Regional Highway 2 (Kingston Road)	375 m west of Harwood Avenue and 225 m east of Salem Road (Regional Road 41)	Southerly Eastbound	Anytime	Public Transit Vehicle	Added by By-law 29-2014 June 4, 2014
Regional Highway 2 (Kingston Road)	175 metres west of Westney Rd to 264 metres east of Westney Rd	Northerly westbound	Anytime	Bicycle	Added by By-law 77-2017 December 13, 2017
Regional Highway 2 (Kingston Road)	247 metres west of Westney Road to 392 metres east of Westney Road	Northerly westbound	Anytime	Public Transit Vehicle	Added by By-law 77-2017 December 13, 2017
Regional Highway 2 (Kingston Road)	120 metres west of Westney Road to 232 metres east of Westney Road	Southerly eastbound	Anytime	Bicycle	Added by By-law 77-2017 December 13, 2017
Regional Highway 2 (Kingston Road)	155 metres west of Westney Road to 295 metres east of Westney Road	Southerly eastbound	Anytime	Public Transit Vehicle	Added by By-law 77-2017 December 13, 2017

9. 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 (Kingston Road)	175 m west of Westney Road (Regional Road 31) to 150 m east of Salem Road (Regional Road 41)	Northerly Westbound	Anytime	Bicycle	
Regional Highway 2 (Kingston Road)	247 m west of Westney Road (Regional Road 31) to 215 m east of Salem Road (Regional Road 41)	Northerly Westbound	Anytime	Public Transit Vehicle	
Regional Highway 2 (Kingston Road)	120 m west of Westney Road (Regional Road 31) to 225 m east of Salem Road (Regional Road 41)	Southerly Eastbound	Anytime	Bicycle	
Regional Highway 2 (Kingston Road)	155 m west of Westney Road (Regional Road 31) to 225 m east of Salem Road (Regional Road 41)	Southerly Eastbound	Anytime	Public Transit Vehicle	

This By-law Read and Passed on the -----th day of -----, 2019.

John Henry
Regional Chair and CEO

Ralph Walton
Regional Clerk