



The Regional Municipality of Durham

Works Committee Agenda

Council Chambers
Regional Headquarters Building
605 Rossland Road East, Whitby

Wednesday, September 8, 2021

9:30 AM

Please note: In an effort to help mitigate the spread of COVID-19, and to generally comply with the directions from the Government of Ontario, it is requested in the strongest terms that Members participate in the meeting electronically. Regional Headquarters is closed to the public, all members of the public may [view the Committee meeting](#) via live streaming, instead of attending the meeting in person. If you wish to register as a delegate regarding an agenda item, you may register in advance of the meeting by noon on the day prior to the meeting by emailing delegations@durham.ca and will be provided with the details to delegate electronically.

1. Roll Call

2. Declarations of Interest

3. Adoption of Minutes

A) Works Committee meeting – June 2, 2021

Pages 4 - 21

4. Statutory Public Meetings

There are no statutory public meetings

5. Delegations

There are no delegations

6. Presentations

- 6.1 Gioseph Anello, Director of Waste Management Services, re: Landfill Mining – Blackstock Landfill Video

7. Waste

7.1 Correspondence

7.2 Reports

There are no Waste Reports to be considered.

8. Works

8.1 Correspondence

- A) Correspondence received from the Town of Ajax, dated June 24, 2021, re: Acceleration of Automated Speed Enforcement Program in Ajax 22 - 23

Recommendation: Refer to Staff for a Response

- B) Correspondence received from the Town of Ajax, dated June 24, 2021, re: Provincial Road Safety 24 - 25

Recommendation: Receive for Information

8.2 Reports

- A) Expropriation of Lands Required for the Proposed Regional Road 3 Rehabilitation Project from 75 metres East of Townline Road to 150 metres East of Enfield Road (Regional Road 34) in the Municipality of Clarington (2021-W-28) 26 - 32

- B) Standardization of Septage Receiving and Bulk Water Filling Station Hardware and Software to be used for Regional Facilities (2021-W-30) 33 - 38

- C) Amendment to Regional Water Pollution Control System and Storm Sewer System By- Law #90-2003 and Residential Water and Sanitary Service Connection Protection Plans (2021-W-31) 39 - 50

- D) Sole source approval to Award Maintenance Service and/or Parts Supply Agreements Negotiated for Equipment Installed at the Duffin Creek Water Pollution Control Plant, in the City of Pickering (2021-W-32) 51 - 57

9. Advisory Committee Resolutions

There are no advisory committee resolutions to be considered

10. Confidential Matters

10.1 Reports

- A) Confidential Report of the Commissioner of Works –
Proposed or Pending Acquisition or Disposition of Land
for Regional Corporation Purposes in the Township of
Brock (2021-W-29)

Under Separate Cover

11. Other Business

12. Date of Next Meeting

Wednesday, October 6, 2021 at 9:30 AM

13. 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.

The Regional Municipality of Durham

MINUTES

WORKS COMMITTEE

Wednesday, June 2, 2021

A regular meeting of the Works Committee was held on Wednesday, June 2, 2021 in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby, Ontario at 9:30 AM. Electronic participation was permitted for this meeting.

1. Roll Call

Present: Councillor Mitchell, Chair
Councillor Marimpietri, Vice-Chair
Councillor Barton
Councillor Crawford
Councillor McLean
Councillor John Neal attended the meeting at 9:46 AM
Councillor Smith
Regional Chair Henry

Also
Present: Councillor Collier
Councillor Dies
Councillor Drew
Councillor Grant
Councillor Highet
Councillor Pickles
Councillor Wotten left the meeting at 10:46 AM

Absent: None

Staff
Present: G. Anello, Director of Waste Management
E. Baxter-Trahair, Chief Administrative Officer
B. Bridgeman, Commissioner of Planning & Economic Development
D. Beaton, Commissioner of Corporate Services
J. Demanuele, Director of Business Services
M. Harris, Engineer, Environmental Services Design
B. Holmes, General Manager, Durham Region Transit
J. Hunt, Regional Solicitor/Director of Legal Services, Corporate Services – Legal Services
R. Inacio, Systems Support Specialist, Corporate Services – IT
R. Jagannathan, Director of Transportation and Field Services
B. McWade, Project Manager, Construction Management Services
J. Presta, Director of Environmental Services

S. Siopis, Commissioner of Works
N. Taylor, Commissioner of Finance
R. Trewin, Senior Project Manager, Transportation Design
S. Glover, Committee Clerk, Corporate Services – Legislative Services
C. Tennisco, Committee Clerk, Corporate Services – Legislative Services

2. Declarations of Interest

There were no declarations of interest.

3. Adoption of Minutes

Moved by Councillor Marimpietri, Seconded by Regional Chair Henry,
(60) That the minutes of the regular Works Committee meeting held on
Wednesday, May 5, 2021, be adopted.
CARRIED

4. Statutory Public Meetings

There were no statutory public meetings.

5. Delegations

5.1 Rob Cook, on behalf of the Ontario Waste Management Association, re: Support for Bill 197 Changes – Municipal Veto

Rob Cook, on behalf of the Ontario Waste Management Association (OWMA) provided a PowerPoint presentation regarding Support for Bill 197 Changes – Municipal Veto.

Highlights from the presentation included:

- Who is OWMA?
- Why We Need Your Support?
- Municipal Autonomy Compromised
- Overreach Consequences

R. Cook advised that Bill 197, the *COVID-19 Economic Recovery Act, 2020*, deals with COVID-19 issues, but obscured in a Schedule to the Act is a significant change to the *Environmental Assessment Act* impacting municipalities.

R. Cook asked that the Committee support the City of St. Catherine's request to endorse their position on Bill 197 and pass a supporting motion. He advised that the City of St. Catherine's resolution accurately reflects the issues and concerns around the 'adjacent municipality' overreach. He further advised that the answer would be a simple amendment to Schedule 6 in Bill 197, removing the reference

to adjacent municipalities while maintaining the ultimate right of host municipalities to have the final say.

On behalf of the Committee, Chair Mitchell thanked R. Cook for his delegation.

5.2 Councillor Deborah Kiezebrink, re: Correspondence from the Township of Scugog dated April 28, 2021 re: Bus Stops on Dead End Roads [Item 8.1 A)]

Councillor Kiezebrink, Township of Scugog, appeared before the Committee regarding correspondence received from the Township of Scugog dated April 28, 2021 regarding Bus Stops on Dead End Roads.

Moved by Councillor Smith, Seconded by Regional Chair Henry,
(61) That the rules of procedure be suspended to permit Councillor Kiezebrink to share a video that is not included in the 5-minute delegation timeframe.
CARRIED ON A 2/3rds VOTE

Councillor Kiezebrink presented a YouTube video titled: Scugog Dead End Road Parents Worried about New Highway Bus Stop Pickups. Can we find Solutions? Only DDSB?

Councillor Kiezebrink advised that the Township of Scugog's motion requests that:

- Exceptions be made to allow 3-point turns or backing up where necessary to provide safer service to dead-end and private road kids, that policies be amended to reflect; when not possible;
- Exceptions be made to allow indemnification agreements to access private land for bus turnarounds to keep bus stops safer and closer to prescribed 800m distance; when not possible;
- That "Bus Stop Ahead" warning signage be required to notify oncoming traffic, prior to STS moving common stop to main roadway;
- That STS be comprised of solutions like mini-buses, vans, taxis, or public transit, worked into funding formula so doesn't negatively impact STS funding stats;
- That kid KPI "Key Performance Indicator" be included for Ministry "Effectiveness & Efficiency Follow Up Reviews", establishing benchmarks for responsive-problem-solving for kids & parents' busing concerns, and this be an STS factor to receive funding;
- That the Province provide "Parent Portal" for ongoing busing feedback of their STS, so families and kids can review/provide comments, especially during Ministry STS reviews and revisions to funding; and
- That the Province have GPS tracking software to notify parents when children have been picked up/dropped off.

Councillor Kiezebrink responded to questions from the Committee.

Detailed discussion ensued regarding what governing body would be responsible for reversing the new policy of the Durham Student Transportation Services (DSTS) which eliminated all bus stops and pick-up/drop-off locations on dead end roads in Durham; and whether any information has been received from the school boards with their position.

Councillor Barton highlighted Section 2 of the School Bus Handbook: Special Safety Precautions for School Bus Drivers, that states a bus cannot back up without a spotter and that perhaps these concerns should be directed to the Ministry of Transportation (MTO) as this is the key piece of policy that should be changed.

Moved by Councillor Barton, Seconded by Councillor Smith,

- (62) That staff report back to Council with information on the governing body that is able to reverse the new policy of the Durham Student Transportation Services (DSTS) which has now eliminated all bus stops and pick-up/drop-off locations on dead end roads in Durham.

CARRIED

5.3 Wendy Bracken, Durham Resident, re: Report #2021-WR-10: Durham York Energy Centre Operations – Long-Term Sampling System Reporting [Item 7.2 C)]

Wendy Bracken, Durham Resident, provided a PowerPoint presentation regarding Report #2021-WR-10: Durham York Energy Centre Operations – Long-Term Sampling System Reporting.

W. Bracken stated that substantive changes and actions are needed to make AMESA dioxin/furan sampling transparent and traceable. She suggested that an independent external expert review what has happened to date, and that a review of the data validation criteria must be completed and reported to Regional Council and the public.

W. Bracken stated that essential information was not provided to the decision makers and the public with respect to why the AMESA monitoring is needed, why the consultants' and MECP reports are needed, what actions or modifications were taken on AMESA sampling, and what the experts say about "correlation".

Moved by Councillor Marimpietri, Seconded by Councillor John Neal,

- (63) That Ms. Bracken be granted a one-time two-minute extension for her delegation.

CARRIED

W. Bracken stated that the underlying AMESA reports must be provided because without them AMESA reporting would not be traceable. She also stated that the data validation criteria must be provided and reviewed by an independent expert.

W. Bracken referenced Table 4 of the November 2018 Workplan and the Dr. Jahnke Document that she received through her Freedom of Information (FOI) request regarding continuous sampling for dioxins and furans.

W. Bracken requested that Report #2021-WR-10 of the Commissioner of Works be referred back to staff to address the concerns and issues raised before the Regional Council meeting.

W. Bracken responded to questions from the Committee.

5.4 Linda Gasser, Durham Resident, re: Report #2021-WR-10: Durham York Energy Centre Operations – Long-Term Sampling System Reporting [Item 7.2 C)]

Linda Gasser, Durham Resident, provided a PowerPoint presentation regarding Report #2021-WR-10: Durham York Energy Centre Operations – Long-Term Sampling System Reporting.

L. Gasser stated that more information is required to understand the implications around what staff propose in Report #2021-WR-10 of the Commissioner of Works such as which other consultants other than John Chandler have been involved or have advised Durham in AMESA reporting since installation.

L. Gasser referenced Table 4 of the November 2018 Workplan and highlighted the sampling periods that reported no results and were labelled as “outliers”. She stated that the incinerator had multiple documented dioxins exceedances between 2015-2018.

Moved by Councillor Marimpietri, Seconded by Councillor John Neal,
(64) That Ms. Gasser be granted a one-time two-minute extension for her delegation.

CARRIED

L. Gasser stated that Durham needs a qualified, independent external consultant to oversee the AMESA sampling results and that the data should be posted online monthly.

L. Gasser requested that Report #2021-WR-10 of the Commissioner of Works be referred back to staff to address the concerns and issues raised, and that an independent expert consultant be retained to review all AMESA data to date and going forward.

L. Gasser responded to questions from the Committee.

6. Presentations

6.1 Ron Trewin, Senior Project Manager, Transportation Design, re: Management of Excess Soils from Regional Projects

Ron Trewin, Senior Project Manager, Transportation Design provided a PowerPoint presentation regarding the Management of Excess Soils from Regional Projects. He stated the purpose of the presentation is to update the Committee on the Region's efforts to guide their projects into compliance with the new Excess Soil Ontario Reg. 406/19, and to follow up on the direction to staff to develop a Regional fill policy.

Highlights from the presentation included:

- Purpose
- Why Excess Soil Ontario Reg. 406/19?
- What Generates Excess Soils in Regional Projects?
- Historical Regional Approach for Excess Soils Management
- Reg. 406/19 Requirements as of January 1, 2021
- Region's Response to Reg. 406/19 in 2021
- What is Required by Reg. 406/19 after January 1, 2022?
- Reg. 406/19 Challenges for the Region
- How Are We Meeting These Challenges?
- Additional Opportunities
- Some Examples of Using Excess Materials
- Some More Examples of Using Excess Materials

R. Trewin responded to questions from the Committee regarding contractors assuring municipalities of where they are depositing the excess fill; the new provincial legislation, and the requirement that by 2025 the fill has to be for beneficial uses; the public apprehension towards movement of the excess fill around the Region; whether local municipalities would be notified of fill being deposited in their boundaries as well as the proposed haul routes; excess sodium that may be deposited on agricultural lands and residential areas; and who is responsible or testing the soil.

R. Trewin advised that the next steps would include continuing to work through the policy, working with local municipalities and the 2022 requirements that are more formal, and completing assessments of past uses.

Moved by Councillor McLean, Seconded by Councillor John Neal,
(65) That Committee recess for ten minutes.

CARRIED

The Committee recessed at 11:20 AM and reconvened at 11:30 AM.

The Committee Clerk conducted a roll call following the recess and all members of Committee were present.

- 6.2 Krista Chomicki, Great Lakes Scientist, Toronto Region Conservation Authority (TRCA), re: Participation in the Toronto and Region Conservation Authority's Western Durham Nearshore Water Quality Monitoring Program (2021-W-23) [Item 8.2 C)]
-

Krista Chomicki, Great Lakes Scientist, Toronto and Region Conservation Authority (TRCA) provided a PowerPoint presentation regarding the participation in the Toronto and Region Conservation Authority's Western Durham Nearshore Water Quality Monitoring Program.

Highlights from the presentation included:

- Western Durham Nearshore Water Quality Monitoring Program
- Raw Data is Available for Viewing
- Environmental Conditions of the Toronto Region
- Land to Lake Declines in Concentrations
- 2008-2013
- Are Nitrate and SRP related?
- Temporal Patterns- Phosphorus
- Temporal Patterns – Nitrogen
- Proposed Plans for 2022

K. Chomicki responded to questions from the Committee regarding the phosphorus levels in Lake Ontario and whether the phosphorus loading from inland lakes has been compared to the phosphorus loading in Lake Ontario; whether there are loadings that are out of our control such as from the air; storm drain treatment and how it is designed to slow the water entering the lake during storm events; and whether there are technical solutions under consideration similar to a storm drain that would mitigate the net effect of phosphorus entering the creeks.

7. Waste

7.1 Correspondence

- A) Correspondence received from the Municipality of Clarington dated May 4, 2021, re: City of Toronto Request to use Energy-From-Waste (EFW) Facilities in Ontario

Moved by Councillor Marimpietri, Seconded by Councillor McLean,
(66) That the correspondence received from the Municipality of Clarington dated May 4, 2021, re: City of Toronto Request to use Energy-From-Waste (EFW) Facilities in Ontario be received for information.

CARRIED

7.2 Reports

A) Update on the Blue Box Lid Implementation (2021-WR-8)

Report #2021-WR-8 from S. Siopis, Commissioner of Works, was received.

Staff responded to questions from the Committee regarding the challenges with respect to being approved for a patent and naming rights for the blue box lid; what the cost to the resident will be per blue box lid; and whether the tires for future lid production would come from mining another landfill.

Discussion ensued regarding the number of complaints received in comparison to the number of Durham Region residents regarding waste being blown around the streets; Durham residents not wanting a blue box lid to be mandatory or forced upon them; and concern regarding whether the company who takes over collection of the recycling once Extended Producer Responsibility (EPR) is in place, would choose to go forward with the use of blue box lids.

Councillor Crawford questioned if the final cost per lid to the residents would be known prior to Report #2021-WR-8 being approved by Regional Council on June 23, 2021. S. Siopis advised that staff would provide her with that information once a final cost is known.

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

- A) That Council be requested to rescind its previous direction on the implementation of a blue box lid program, as adopted by Council on June 26, 2019 in Recommendation (A) of Report # 2019-WR-8 of the Commissioner of Works in order make blue box lids available to Regional Municipality of Durham residents on a full cost recovery basis;
- B) That staff be directed to make blue box lids available to Regional Municipality of Durham residents on a full cost recovery basis;
- C) That staff include the negotiated final price with Pliteq for the lids in the Regional Fees and Charges Schedule for Waste Management operations and update all applicable by-laws; and
- D) That the Commissioner of Finance be authorized to execute all documents related to the voluntary provision of blue box lids.

CARRIED

B) Update on Municipal Hazardous or Special Waste (MHSW) transition to Extended Producer Responsibility (EPR) and request to extend Standing Agreements C002769 and C002745 with Photech Environmental Solutions Inc. (2021-WR-9)

Report #2021-WR-9 from S. Siopis, Commissioner of Works, was received.

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

- A) That details of the Regional Municipality of Durham's Municipal Hazardous or Special Waste (MHSW) program transition to Extended Producer Responsibility (EPR), effective October 1, 2021, be received for information;
- B) That Standing Agreements C002769 and C002745 with Phototech Environmental Solutions Inc. for MHSW collection and haulage be extended to accommodate EPR transition, effective July 1, 2021 to September 30, 2022 at an estimated total cost of \$451,216.25 *, to be funded from the approved annual Solid Waste Management Operating Business Plans and Budget; and
- C) That the Commissioner of Finance be authorized to execute all documents related to these contract amendments.
(*) excluding all applicable taxes

CARRIED

C) Durham York Energy Centre Operations – Long-Term Sampling System Reporting (2021-WR-10)

Report #2021-WR-10 from S. Siopis, Commissioner of Works, was received.

Staff responded to questions from the Committee regarding addressing the residents' concerns regarding any significant correlations in the AMESA data; whether the results are being made public; and if all essential information is being provided to Council and the public on a timely basis.

In response to a question from the Committee regarding what a significant event would be, S. Siopis advised that if there was a significant event that would impact public health and safety, Council members would hear from staff immediately on how staff plan to address those concerns no matter how drastic those actions may be, and that staff would not wait for a quarterly or annual report to bring any concerns forward.

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

- A) That staff report quarterly on the Long-Term Sampling System at the Durham York Energy Centre; and
- B) That responses to all inquiries related to operations at the Durham York Energy Centre be included in the quarterly reports.

CARRIED LATER IN THE MEETING ON A
RECORDED VOTE:
(See Following Motions)

Moved by Councillor John Neal, Seconded by Councillor Crawford,
(70) That the main motion (69) of Councillor Marimpietri and Councillor Crawford be referred back to staff to address the issues and concerns raised by the delegations in Item 5.3 and Item 5.4.

MOTION DEFEATED ON THE FOLLOWING
RECORDED VOTE:

Yes

Councillor Crawford
Councillor John Neal
Councillor Smith

No

Councillor Barton
Regional Chair Henry
Councillor Marimpietri
Councillor McLean
Councillor Mitchell, Chair

Members Absent: None

Declarations of Interest: None

The main motion (69) of Councillor Marimpietri and Councillor McLean was then put to a vote and CARRIED ON THE FOLLOWING RECORDED VOTE:

Yes

Councillor Barton
Councillor Crawford
Regional Chair Henry
Councillor Marimpietri
Councillor McLean
Councillor Smith
Councillor Mitchell, Chair

No

Councillor John Neal

Members Absent: None

Declarations of Interest: None

8. Works

8.1 Correspondence

A) Correspondence from the Township of Scugog dated April 28, 2021 re: Bus Stops on Dead End Roads

Moved by Councillor Smith, Seconded by Councillor Barton,
(71) That the correspondence from the Township of Scugog dated April 28, 2021 re: bus stops on dead end roads be received for information.

CARRIED

- B) Correspondence from the Town of Ajax dated May 19, 2021, re: Westney Road Noise Study
-

Moved by Councillor McLean, Seconded by Councillor Crawford,
(72) That the correspondence from the Town of Ajax dated May 19, 2021, re: Westney Road Noise Study be referred to staff for a response.

CARRIED

8.2 Reports

- A) Declaration of Lands as Surplus and Approval to Convey the Surplus Lands to the Adjacent Landowner as part of a Land Exchange for Regional Requirements (2021-W-21)
-

Report #2021-W-21 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(73) That we recommend to Council:

- A) That property municipally known as 1897 Harmony Road in the City of Oshawa, legally described as Part of Lot 4, Concession 4, (Geographic Township of East Whitby) now in the City of Oshawa, further described as Part 2 and Part 4 on Registered Plan 40R-31350 be declared surplus to Regional requirements;
- B) That Regional staff be authorized to enter into a Land Exchange Agreement with the adjacent property owner as follows:
- i) The Regional Municipality of Durham will provide lands legally described as Part of Lot 4, Concession 4, (Geographic Township of East Whitby) now in the City of Oshawa further described as Parts 2 and 4 on Registered Plan 40R-31350 for nominal consideration to 873201 Ontario Inc. (operating as Metrontario);
 - ii) 1229403 Ontario Limited (operating as Metrontario) will provide lands located at 1723 Harmony Road North, Oshawa identified as Part of Lot 4, Concession 4, (Geographic Township of East Whitby) now in the City of Oshawa, further described as Parts 1, 2 and 3 on Registered Plan 40R-31352 for nominal consideration; and
 - iii) That the Commissioner of Works be authorized to execute all documents associated with this land exchange.

CARRIED

- B) Amendment and Extension of Lease Agreement for Premises Occupied by Durham Region Transit Located at 419 King Street West, in the City of Oshawa (2021-W-22)
-

Report #2021-W-22 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(74) That we recommend to Council:

- A) That the Amendment and Extension of the Lease Agreement between Ivanhoe Cambridge II Inc. and 7503067 Canada Inc. and the Regional Municipality of Durham for the premises, being Suite #995 on the first floor of the building located at 419 King Street West, in the City of Oshawa, be approved on the following terms and conditions:
- i) The term to be for a period of five years commencing May 1, 2021 and ending April 30, 2026;
 - ii) The Regional Municipality of Durham shall have the option to terminate the lease at any time after the third year of the term, upon providing six months written notice;
 - iii) The annual semi-gross rental rate for the first three years of the term of the lease will be \$5,875*, payable in monthly instalments of \$489.58* based on the rate of \$134.56* per square metre (\$12.50* per square foot) per annum for the leased space;
 - iv) The annual semi-gross rental rate for the final two years of the term of the lease will be \$6,110* payable in monthly instalments of \$509.16* based on the rate of \$139.95* per square metre (\$13.00* per square foot) per annum for the leased space;
 - v) A monthly rate of \$580* for the provision of janitorial services for one hour each day to a maximum of six days weekly for the duration of the term, inclusive of all necessary materials and supplies for a total annual cost of \$6,960*;
 - vi) The Regional Municipality of Durham shall remain responsible for its proportionate share of property taxes;
 - vii) The Landlord shall remain responsible for all other operating costs for the building, common areas and the demised premises;
- B) That the estimated annual janitorial and gross rental cost for the leased premises of \$12,875* for years one through three of the five-year term, and \$13,070* for years four and five of the five-year term as well as the Regional Municipality of Durham's share of property taxes estimated at \$2,086 annually be financed through the Durham Region Transit's 2021 and future years' Business Plans and Budgets; and

- C) That the Regional Chair and Clerk be authorized to execute all documents associated with this Lease Agreement.
(*) before applicable taxes

CARRIED

- C) Participation in the Toronto and Region Conservation Authority's Western Durham Nearshore Water Quality Monitoring Program (2021-W-23)

Report #2021-W-23 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(75) That we recommend to Council:

- A) That the Regional Municipality of Durham continue participation as a municipal partner with Toronto and Region Conservation Authority's Western Durham Nearshore Water Quality Monitoring Program;
- B) That a sole source service agreement be approved with Toronto and Region Conservation Authority for the continuation of the Western Durham Nearshore Water Quality Monitoring Program through 2022 at a cost of \$176,000* in 2021 and \$155,000* in 2022 for a total estimated value of \$331,000*;
- C) That financing for this agreement be provided from the approved 2021 and future Business Plans and Budget for the York Durham Sanitary Sewerage System as follows; and

	Durham Region Estimated Share (18.67%)	York Region Estimated Share (81.33%)	Total Agreement Value
2021 Amount*	\$32,859	\$143,141	\$176,000
2022 Amount*	<u>\$28,939</u>	<u>\$126,061</u>	<u>\$155,000</u>
Total*	<u>\$61,798</u>	<u>\$269,202</u>	<u>\$331,000</u>

- D) That the Commissioner of Finance be authorized to execute the sole source service agreement.
(*) before applicable taxes

CARRIED

- D) Reallocation of Funding for Sanitary Sewer Replacement on Admiral Road from Roosevelt Avenue to North of Parry Road, in the Town of Ajax (2021-W-24)

Report #2021-W-24 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(76) That we recommend to Council:

- A) That the total project budget for Admiral Road Sanitary Sewer Replacement (Project A1804) be increased by \$599,100, for a revised project budget of \$2,572,797 as follows:

Financing	Approved Project Budget \$	Proposed Reallocation from M2103 \$	Proposed Reallocation from M2199 \$	Revised Project Budget \$
User Revenue (Sanitary Sewer)	1,026,000	200,000	\$399,100	1,625,100
User Revenue (Water Supply)	947,697	0	0	947,697
Total Financing	1,973,697	200,000	\$399,100	2,572,797

CARRIED

- E) Approval of Additional Unbudgeted Capital Works and Financing to be Incorporated into a Servicing Agreement with the Kedron East Landowners Group Inc. (Kedron East), Including Cost Sharing in Accordance with the Region Share Policy, for the Extension and Oversizing of a Trunk Sanitary Sewer, Watermains and Regional Storm Sewers on Harmony Road (Regional Road 33), in the City of Oshawa (2021-W-25)

Report #2021-W-25 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(77) That we recommend to Council:

- A) That additional unbudgeted capital works and financing estimated at \$6.78 million for the trunk sanitary sewer, watermains and Regional storm sewers in the Kedron Secondary Plan, in the City of Oshawa, be approved;
- B) That financing for the total additional unbudgeted capital works, estimated at \$6.78 million, be provided from the following sources:

Developer's Additional Share – Sanitary Sewer

Kedron East Landowners Group Inc. (Kedron East)	<u>\$1,164,100</u>
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Total Additional Developer's Share: \$1,164,100

Regional Additional Costs – Sanitary Sewer

Reallocation of 2021 Sanitary Sewerage System Capital Budget Item 24, Project D2103, Thickson Rd. Sub-trunk sanitary sewer from Glengowan St. to Conlin Rd., Whitby (Region's share only)

Residential Development Charge Reserve Fund	\$2,453,850
Commercial Development Charge Reserve Fund	152,950
User Rate	<u>718,200</u>
	<u>\$3,325,000</u>

Reallocation of 2021 Sanitary Sewerage System Capital Budget Item 98, Project M2110, Allowance for Regional share for works in conjunction with residential development

Residential Development Charge Reserve Fund	\$201,300
Commercial Development Charge Reserve Fund	12,500
User Rate	<u>58,900</u>
	<u>\$272,700</u>

Total Additional Regional Share – Sanitary Sewer **\$3,597,700**

Developer's Additional Share - Watermains

Kedron East Landowners Group Inc. (Kedron East)	<u>\$613,300</u>
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Total Additional Developer's Share: \$613,300

Regional Additional Costs – Watermains

Reallocation of 2021 Water Supply System Capital Budget Item 122, Project M2110, Allowance for Regional share for works in conjunction with residential subdivision development

Residential Development Charge Reserve Fund	\$755,407
Commercial Development Charge Reserve Fund	21,293
User Rate	<u>98,727</u>
	<u>\$875,427</u>

2021 Water Supply System Capital Budget Item 124, Project M2114, Well Interference Works

Residential Development Charge Reserve Fund	<u>\$92,473</u>
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Total Additional Regional Share – Watermains **\$967,900**

Developer's Additional Share – Storm Sewer

Kedron East Landowners Group Inc. (Kedron East) \$392,400

Total Additional Developer's Share: \$392,400

Regional Costs – Regional Storm Sewer

Reallocation of 2021 Regional Roads Capital Budget Item 129, Project
M2130 Contingencies-Development Related:

Residential Development Charge Reserve Fund \$31,150

Commercial Development Charge Reserve Fund 3,560

Industrial Development Charge Reserve Fund 8,900

Roads Capital Reserve – Special Growth Levy 890

Total Additional Regional Share – Regional Storm Sewer **\$44,500**

Total Additional Regional Share **\$4,610,100**

Total Additional Developer's Share **\$2,169,800**

Total Project Additional Financing **\$6,779,900**
CARRIED

- F) Shared Service Connection Replacement Policy including Disconnection of Existing Common Water and Sanitary Sewer Service Connections on James Street and Centre Street South in the Town of Whitby (2021-W-26)

Report #2021-W-26 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(78) That we recommend to Council:

- A) That the Shared Service Connection Replacement Policy included with Report #2021-W-26 of the Commissioner of Works be adopted;
- B) That staff be authorized to negotiate with the property owners of 301, 303, 305 and 307 James Street and 1010 Centre Street South, in the Town of Whitby to facilitate the disconnection of existing common water and sanitary sewer connections and reconnection of those properties in a coordinated manner;
- C) That the Regional Municipality of Durham's Water Supply System By-Law #89-2003 and Sanitary Sewerage System By-Law #90-2003 be modified to offer reimbursement to property owners in the amount of the current

connection charge rate for work completed on private property as well as increasing the period of time to reconnect from thirty days to six months; and

- D) That a copy of Report #2021-W-26 of the Commissioner of Works be forwarded to the Town of Whitby and the property owners of 301, 303, 305 and 307 James Street and 1010 Centre Street South, in the Town of Whitby, for information.

CARRIED

- G) Request from Hamilton Oshawa Port Authority for the Assumption of Ownership of Farewell Street (Regional Road 56) south of Harbour Road, City of Oshawa (2021-W-27)
-

Report #2021-W-27 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(79) That we recommend to Council:

- A) That Regional staff be authorized to examine the request from Hamilton Oshawa Port Authority for the assumption of ownership of Farewell Street (Regional Road 56) south of Harbour Road in the City of Oshawa, and report back with a recommendation and/or next steps;
- B) That the examination of this request be based on due diligence consideration of the land use, legal and financial impacts associated with the transaction;
- C) That a copy of Report #2021-W-27 of the Commissioner of Works be circulated to the City of Oshawa with a request for comments by September 30, 2021; and
- D) That a copy of Report #2021-W-27 of the Commissioner of Works be provided to the Hamilton Oshawa Port Authority for information.

CARRIED

9. Advisory Committee Resolutions

There were no advisory committee resolutions to be considered.

10. Confidential Matters

There were no confidential matters to be considered.

11. Other Business

There was no other business to be considered.

12. Date of Next Meeting

The next regularly scheduled Works Committee meeting will be held on Wednesday, September 8, 2021 at 9:30 AM in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

13. Adjournment

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

CARRIED

The meeting adjourned at 12:24 PM

Respectfully submitted,

D. Mitchell, Chair

S. Glover, Committee Clerk



Corporate Services Department
Legislative Services Department
The Regional Municipality of Durham
605 Rossland Road East
Whitby, ON L1N 6A3
clerks@durham.ca

Sent by E-Mail

June 24, 2021

Re: Acceleration of Automated Speed Enforcement Program in Ajax

The following resolution was passed by Ajax Town Council at its meeting held June 21, 2021:

WHEREAS speeding continues to be a major safety concern for the public and Ajax Council;

AND WHEREAS Automated Speed Enforcement (ASE) helps make streets safer for everyone by acting as a speeding deterrent, encouraging drivers to slow down and obey the speed limit;

AND WHEREAS the ASE tool is a proven investment in road safety used by many municipalities to enforce speed limits in community safety zones, including the Region of Durham, who use the cameras on regional roads in support of Durham Vision Zero, a long-term plan to create a safer transportation system and ensure no lives are lost or serious injuries occur on Durham's roadways;

AND WHEREAS advancing the Town's ASE program will complement and enhance other initiatives underway to make our streets safer, including the Town's establishment of additional Community Safety Zones and implementation of traffic calming measures on Town roads, Durham Regional Police Service's road safety initiatives and Durham Region's ASE program;

AND WHEREAS Town staff are finalizing the specific details and operation of a Town ASE program, including data monitoring, retaining a contract ASE Transportation Technologist, as well as reviewing agreements and sourcing required regulatory signs;

NOW THEREFORE BE IT RESOLVED THAT:

1. Staff be directed to enter into the necessary agreements to implement the Town's ASE program in 2021, including providing appropriate notice and procuring three portable ASE units for installation;
2. Council and staff continue to advocate for the Region of Durham to implement a single Region-wide ASE program which would incorporate lower-tier municipal programs with the

Region's program in order to maximize program resources, improve efficiencies and reduce overall administrative costs associated for all Durham municipalities operating an ASE program; and

3. This motion be circulated to all Durham municipalities and the Region of Durham.

If you require further information please contact me at 905-619-2529 ext. 3342 or alexander.harras@ajax.ca.

Sincerely,

A handwritten signature in blue ink, appearing to be 'AH' followed by a long horizontal stroke.

Alexander Harras
Manager of Legislative Services/Deputy Clerk

Copy: Mayor Shaun Collier
Regional Councillor M. Crawford
All Durham Region municipalities



Hon. Caroline Mulroney
Ministry of Transportation
5th Floor, 777 Bay St.
Toronto, ON M7A 1Z8
caroline.mulroneyco@pc.ola.org

Sent by E-Mail

June 24, 2021

Re: Provincial Road Safety

The following resolution was passed by Ajax Town Council at its meeting held June 21, 2021:

WHEREAS Vision Zero is an approach to road safety thinking based on the premise that no loss of life resulting from a motor vehicle collision is acceptable, and has been adopted by municipalities across Canada and around the world, including Durham Region, to inform their Durham Vision Zero Strategic Road Safety Action Plan;

AND WHEREAS as part of Vision Zero Canada's mission, using Vision Zero as a guiding principle, safety is prioritized over factors such as cost, speed, delay, level of service, and convenience - factors upon which decisions were traditionally made;

AND WHEREAS the Canadian Council of Motor Transportation Administrators (CCMTA) is the custodian of the *Road Safety Strategy 2025*, which encourages all road safety stakeholders to make Canada's roads the safest in the world and adopts a "safe systems approach", a key component of Vision Zero;

AND WHEREAS the Ontario Good Roads Association (OGRA) has repeatedly requested the Province of Ontario to establish a Provincial Vision Zero Strategy;

AND WHEREAS following a City of Mississauga Council endorsement of the OGRA request and letter to the Minister of Transportation, the Minister indicated that the Province supports federal measures for road safety, but did not address a provincial Vision Zero strategy. The request by OGRA and Mississauga has since been reinforced by a motion of Peel Region Council;

AND WHEREAS all local and regional Vision Zero strategies would be better supported, more consistent and effective with provincial buy-in and a dedicated provincial strategy in place. For example, current automated speed enforcement (ASE) regulations only permit installation in community safety zones and school zones, without the ability for municipalities to strategically utilize ASE equipment in a timely way to collect data in support of Vision Zero goals;

NOW THEREFORE BE IT RESOLVED THAT:

1. Ajax Council affirm their support for Durham Region's Vision Zero goals and the Durham Vision Zero Strategic Road Safety Action Plan;
2. Ajax Council requests that the Province of Ontario take immediate steps to consult on a province-wide Vision Zero strategy framework;
3. Ajax Council requests that the Province of Ontario amend the Automated Speed Enforcement regulations under the *Highway Traffic Act* to allow for greater flexibility for the use of ASE by Ontario municipalities;
4. This request be shared with the Region of Durham and local Durham municipalities for their support; and
5. This motion be distributed to the Hon. Caroline Mulroney, Minister of Transportation, and Rod Phillips, MPP for Ajax.

If you require further information please contact me at 905-619-2529 ext. 3342 or alexander.harras@ajax.ca.

Sincerely,



Alexander Harras
Manager of Legislative Services/Deputy Clerk

Copy: Regional Councillor M. Crawford
Councillor A. Khan
Hon. Rod Phillips, Minister of Long-Term Care and MPP for Ajax
The Region of Durham and all local Durham Region municipalities

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: #2021-W-28
Date: September 8, 2021

Subject:

Expropriation of Lands Required for the Proposed Regional Road 3 Rehabilitation Project from 75 metres East of Townline Road to 150 metres East of Enfield Road (Regional Road 34) in the Municipality of Clarington

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That authority be granted to Regional Municipality of Durham staff to initiate expropriation proceedings where necessary for the property requirements related to the proposed Regional Road 3 Rehabilitation project (Project) along Regional Road 3 as depicted in Attachment #1, Attachment #2, and Attachment #3 and as such other property requirements as may be determined and identified by Regional Municipality of Durham staff required for the Project.
- B) That authority be granted to the Regional Clerk and Regional Chair to execute any notices and forms as may be statutorily mandated by the Expropriations Act R.S.O. 1990, c. E.26 to give effect to Recommendation C in this report, including the Notices of Application of Approval to Expropriate.
- C) That authority be granted to Regional Municipality of Durham staff to serve and publish Notices of Application for Approval to Expropriate the property requirement as described in Recommendation A in this Report, and to forward to the Chief Inquiry Officer any requests for hearing that is received, to attend the hearings to present the Regional Municipality of Durham's position, and to report the Inquiry Officer's recommendations to Regional Council for its consideration; and

- D) That all agreements and reports required for amicable property acquisitions and all agreements and reports required for settlements pursuant to the Expropriations Act RSO 1990, c. E.26 related to the Regional Road 3 Rehabilitation Project approved in accordance with the Delegation of Authority By-Law 29-2020 or by Regional Council, remain confidential in accordance to Section 239 (2)(c) of the Municipal Act as it relates to a proposed or pending acquisition or disposition of land for Regional Corporate purposes and only be released publicly by the Commissioner of Works once all compensation claims have been resolved on a full and final basis for the Regional Road 3 Rehabilitation Project.
-

Report:**1. Purpose**

- 1.1 The purpose of this report is to obtain approval to expropriate property requirements needed for the Regional Road 3 Rehabilitation Project if the Regional Municipality of Durham (Region) is unable to obtain an amicable agreement through negotiations with property owners.

2. Background

- 2.1 The Region is proposing reconstruction/rehabilitation of Regional Road 3 from 75 metres east of Townline Road to 150 m east of Enfield Road in the Municipality of Clarington.
- 2.2 Road widening of the existing 20-metre road allowance to a 30-metre width is required as per the Regional Municipality of Durham Official Plan, Transportation Master Plan, and National, Provincial and Regional road design standards.
- 2.3 The proposed road work will improve road safety, cycling accessibility, movements for large farm vehicles and access in and out of properties. The road structure and drainage upgrades will reduce future maintenance requirements.

3. Property Acquisitions

- 3.1 Regional staff have identified land requirements from eighteen properties that will be affected by the proposed works. One property has been acquired by Regional staff, and negotiations with the remaining 17 property owners are ongoing. The Region will need to acquire a portion of each property to facilitate the works.

- 3.2 While the Region attempts to obtain land requirements through amicable negotiations, there are situations where negotiations become lengthy, or an agreement cannot be reached. Regional staff may need to consider the option to commence the expropriation process in order to complete the project in a timely manner if negotiations are not successful for these 17 properties.

4. Relationship to Strategic Plan

- 4.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:
- a. Community Vitality Goal 2.2: Enhance community safety and well-being.
 - b. Economic Prosperity Goal 3.3: Enhance communication and transportation networks to better connect people and move goods more effectively.

5. Conclusion

- 5.1 Regional Municipality of Durham staff will negotiate with the property owners to acquire the necessary properties. Should these negotiations fail, this approval will permit staff to commence expropriation proceedings to ensure that the timelines are met allowing this project to proceed to construction.
- 5.2 If Regional Municipality of Durham staff exercises the option of commencing expropriation pursuant to the authority being sought through this report, staff will report back further to Regional Council to seek authority for the next stage which will be to expropriate the property requirements and proceed to serve the next set of notices on affected property owners as would be statutorily mandated by the Expropriations Act R.S.O. 1990, c. E.26.
- 5.3 This report has been reviewed by the Legal Department.
- 5.4 For additional information, contact: Jenni Demanuele, Director, Business Services, at 905-668-7711, 3456.

6. Attachments

- Attachment #1: Properties of Interest, Map 1 - Regional Road 3 Rehabilitation Project from 75 metres east of Townline Road to 150 metres east of Enfield Road (Regional Road 34) in the Municipality of Clarington
- Attachment #2: Properties of Interest, Map 2 - Regional Road 3 Rehabilitation Project from 75 metres east of Townline Road to 150 metres east of Enfield Road (Regional Road 34) in the Municipality of Clarington
- Attachment #3: Properties of Interest, Map 3 - Regional Road 3 Rehabilitation Project from 75 metres east of Townline Road to 150 metres east of Enfield Road (Regional Road 34) in the Municipality of Clarington

Respectfully submitted,

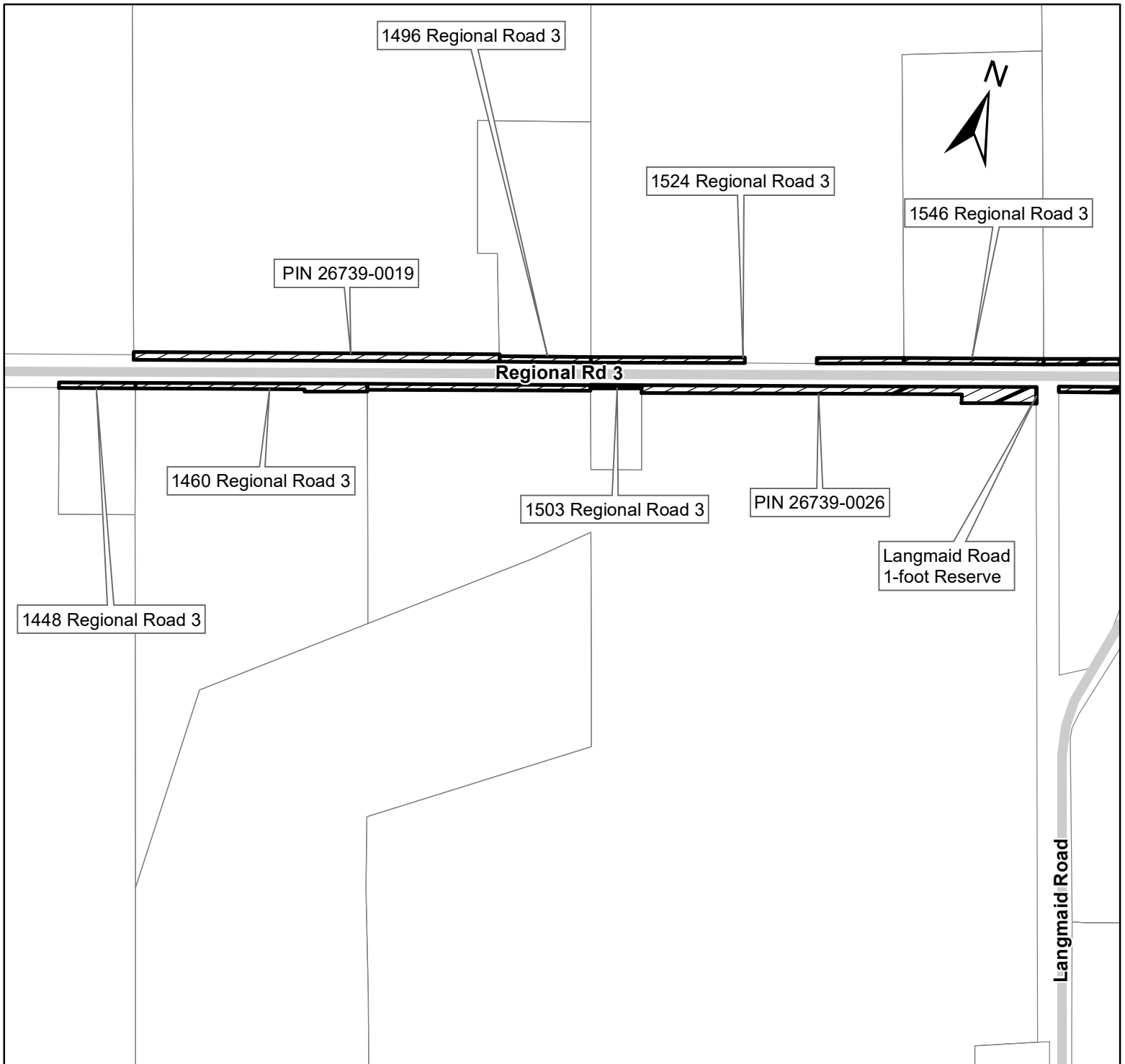
Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer

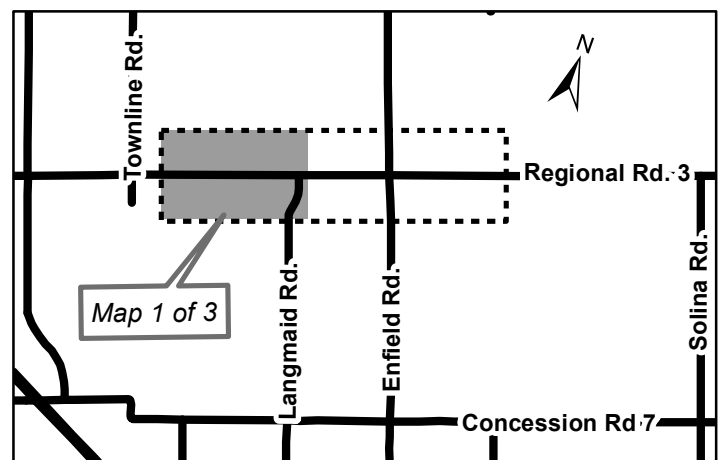


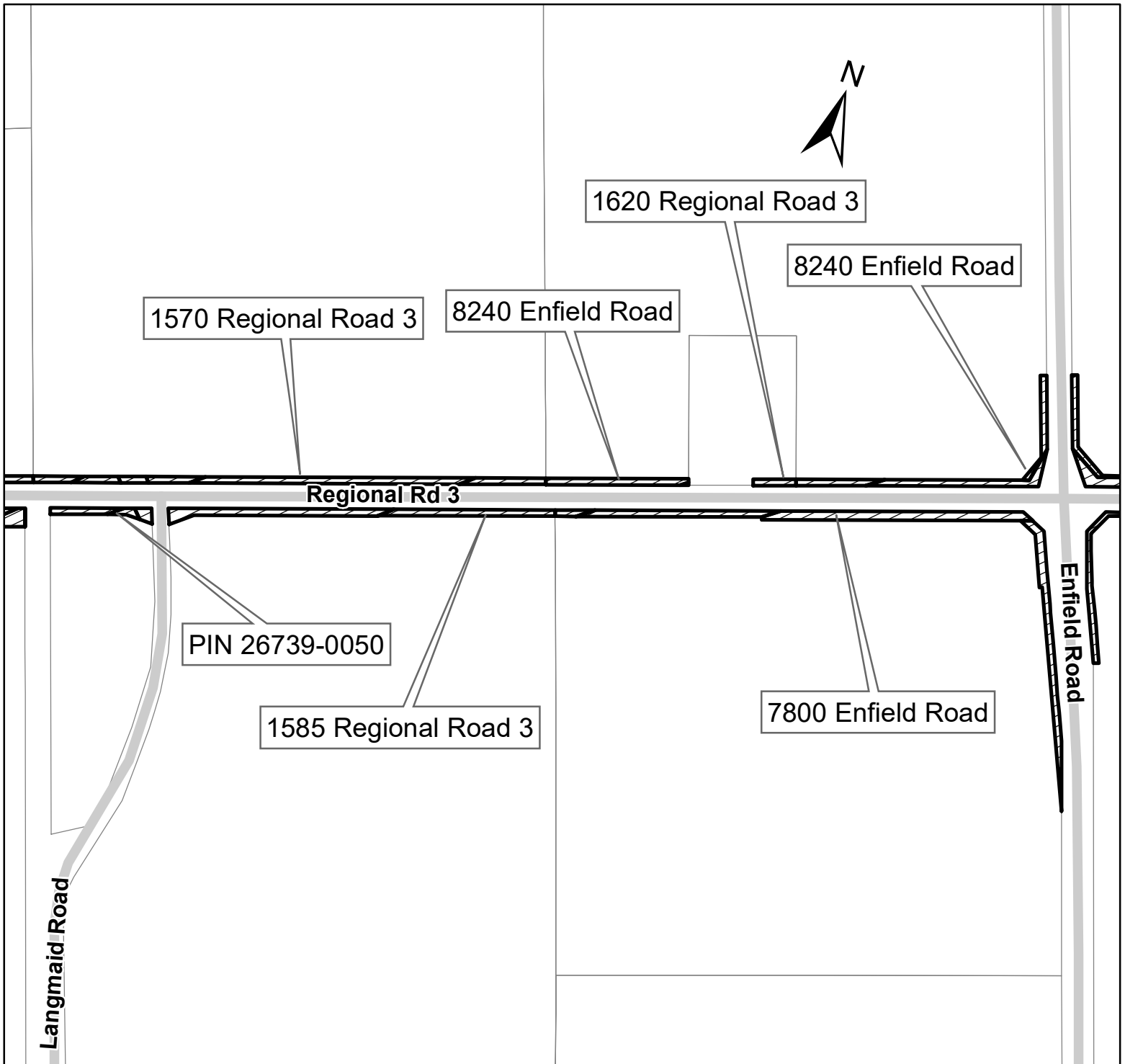
**Attachment #1: Properties of Interest, Map 1
- Regional Road 3 Rehabilitation
Project from 75 metres east of Townline Road
to 150 metres east of Enfield Road
(Regional Road 34) in the Municipality of Clarington**

Map 1 of 3



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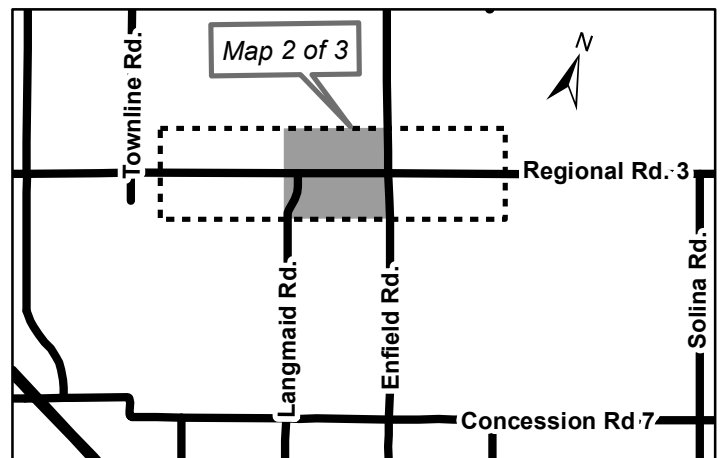


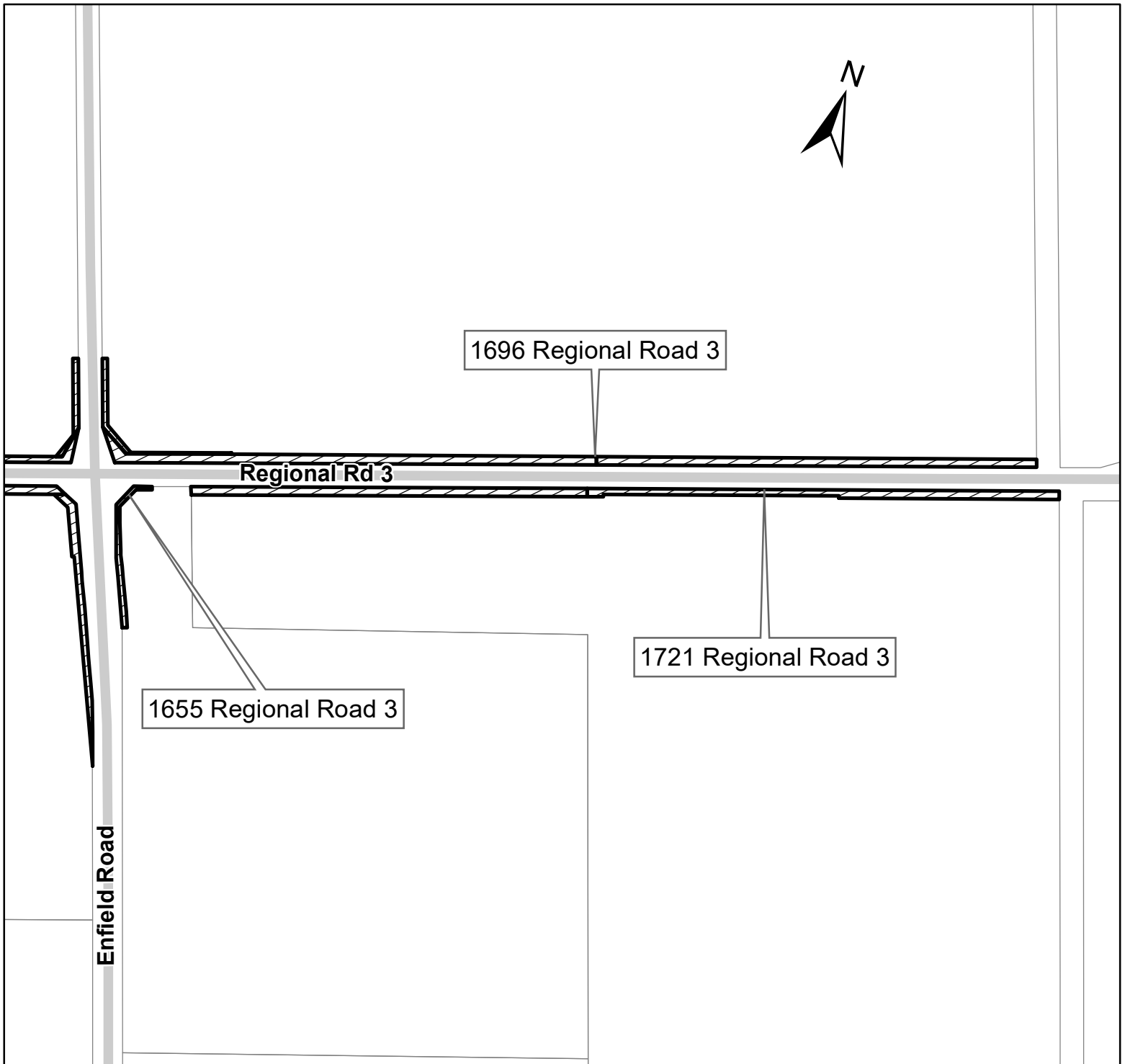
Attachment #2: Properties of Interest, Map 2
- Regional Road 3 Rehabilitation Project
from 75 metres east of Townline Road to
150 metres east of Enfield Road
(Regional Road 34) in the Municipality of Clarington

Map 2 of 3



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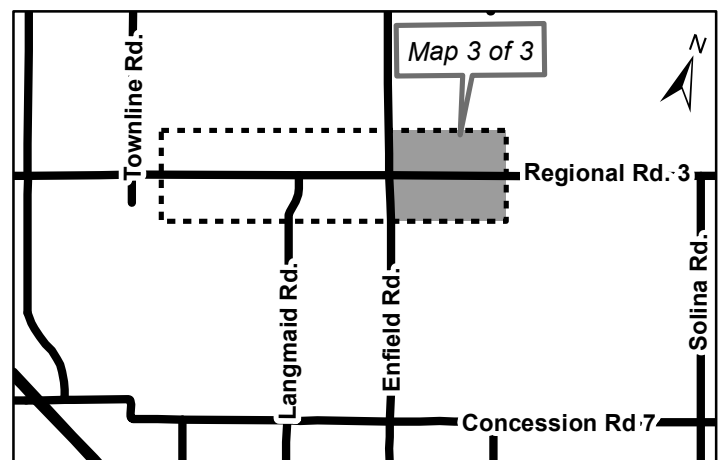


**Attachment #3: Properties of Interest, Map 3 -
Regional Road 3 Rehabilitation Project from
75 metres east of Townline Road to 150 metres
east of Enfield Road (Regional Road 34)
in the Municipality of Clarington**

Map 3 of 3



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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: #2021-W-30
Date: September 8, 2021

Subject:

Standardization of Septage Receiving and Bulk Water Filling Station Hardware and Software to be used for Regional Facilities

Recommendations:

That Works Committee recommends to Regional Council:

- A) That the Finance Department following successful negotiations be authorized to award contracts to Flowpoint Systems for the provision of septage receiving station hardware to be used at Regional facilities and related maintenance and support agreements for a five-year term;
 - B) That subject to successful completion of the negotiations, the pre-packaged bulk water filling station units supplied by Flowpoint Systems, and the septage receiving and bulk water filling station hardware supplied by Flowpoint Systems be adopted as the Regional standard for a period not exceeding five years for Regional facilities;
 - C) That financing for the purchase of new septage receiving and bulk water filling station hardware and the provision of servicing and maintenance requirements be provided from future Sanitary Sewerage Capital, Water Supply Capital and Operating budgets; and,
 - D) That the Commissioner of Finance be authorized to execute the required agreements.
-

Report:**1. Purpose**

- 1.1 The purpose of this report is to obtain Regional Municipality of Durham (Region) Council's approval to:
- a. Standardize septage receiving and bulk water filling station hardware for inclusion in the tender specifications being prepared for construction contracts for upgrades at Regional Municipality of Durham (Region) facilities; and
 - b. Sole source pre-packaged bulk water filling station units supplied by Flowpoint Systems and the septage receiving and bulk water filling station hardware for five years.

2. Background

- 2.1 Septage is the liquid and solid material pumped from tanks used for private sewage disposal systems and holding tanks. Septage unloading is currently available to any licensed hauler at any of Duffin Creek, Courtice and Port Darlington Water Pollution Control Plants (WPCP) through existing receiving stations.
- 2.2 Septage unloading, billing and tracking is an intensive process which involves the manual collection of delivery slips, data entry by the Sewer Use By-Law Office (Works Department) and then further data entry by the Works and Finance Departments to prepare invoices for billing to the haulers.
- 2.3 Water haulers are currently able to load through a hydrant permitting system or the existing bulk water filling stations. The Region has commissioned a new bulk water filling station at the Oshawa/Whitby Maintenance Depot and another bulk water filling station is under construction at the Zone 4 Reservoir in Seaton. Future stations are proposed in Clarington and Scugog.

3. Previous Reports and Decisions

- 3.1 Direction was received at the February 14, 2018 Council Meeting (Item #20) that staff explore the implementation of a metering system for the unloading of septage and review the current efficiencies in the speed of unloading the septage carriers.

4. Justification for Standardization of Equipment and Sole Sourcing of Hardware

- 4.1 The existing septage receiving stations are non-uniform in configuration and have three separate, local data recording systems which have not been integrated into a cohesive, Region-wide system. Each system came with its own set of identification parameters that would be issued to the haulers, resulting in licensed haulers having to be coded or registered into three separate systems depending on their destination.
- 4.2 The existing receiving stations were installed as components of larger water pollution control plant capital projects as outlined below:

Plant	Manufacturer or Supplier	Comments
Duffin Creek WPCP	Municipal Solutions (Flowpoint)	Installed under Stage 3 expansion program under York Region-issued Contract T-08-03
Courtice WPCP	SecuraKey	Installed under Courtice WPCP Construction Region Contract
Port Darlington WPCP	Flemech (PortaLogic)	Installed under Port Darlington WPCP Upgrades Region Contract

- 4.3 Future Regional septage receiving stations would be connected to the existing Regional database/billing software system.
- 4.4 The supply of hardware for two bulk water filling stations were competitively tendered in 2019 through Contract D2019-049 at the Oshawa/Whitby Maintenance Depot and in 2020 through Contract D2020-039 at the Zone 4 Reservoir in Seaton. For these two tenders the bidders selected and provided Flowpoint Systems pre-packaged units with the associated hardware and software to meet the Region's specifications.
- 4.5 The Flowpoint system is in service and the payment system is in use for the bulk water filling stations. A monthly service contract with Flowpoint Systems for the cloud administration of the payment system at an annual cost of approximately \$8,400 (excluding applicable taxes) is in place.

- 4.6 Under contract T-08-03 issued by York Region, a septage unloading station was installed at Duffin Creek WPCP as a component of the Stage 3 Liquids Expansion by York Region. The vendor of record was Municipal Solutions which has been subsequently acquired by Flowpoint Systems.
- 4.7 The existing installation at Duffin Creek WPCP is over 15 years old and required upgrading of the existing local hardware. Region staff contacted Flowpoint Systems to determine the suitability of upgrading the existing system. Flowpoint Systems has confirmed that the hardware can be upgraded, and with a simple software module addition, the existing billing software already in use, can be expanded to accommodate septage receiving station unloading and metering.
- 4.8 Other existing stations were inspected for retrofitting and Flowpoint Systems has confirmed that these sites can be integrated as well. Capital upgrades in the form of process mechanical improvements and network connectivity are required in addition to the Flowpoint System upgrades.
- 4.9 The standardization of the Flowpoint Systems platform allows for efficiencies in on-going hardware maintenance costs (one system of hardware for the current three systems) and for annual software licensing and support costs which are already in place.
- 4.10 The corporate infrastructure for use of the existing software is already in use within the Works and Finance Departments.
- 4.11 Standardizing the pre-packaged bulk water filling station units supplied by Flowpoint Systems provides familiarity and ease of operation for bulk water haulers throughout the Region and ensures compatibility with the existing hardware and software already in place.

5. Financial Implications

- 5.1 Section 7.2 of the Purchasing By-Law #16-2020 permits the Finance Department to negotiate an agreement in situations where the goods and services can only be supplied by a particular supplier and no reasonable alternative and substitute goods and services exist for reasons such as ensuring compatibility with existing goods or to maintain specialized goods that must be maintained by the manufacturer of those goods or its representative.
- 5.2 Financing for the purchase of hardware for each facility installation, estimated at \$50,000 per site, will be included within future Sanitary Sewerage and Water

Supply capital budgets. The annual operating costs, estimated at \$50 per month for each terminal unit, for the service contracts will be included within future Sanitary Sewerage and Water Supply operating budgets.

6. Relationship to Strategic Plan

6.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:

- a. Optimize resources and partnerships to deliver exceptional quality services and value.
- b. Collaborate for a seamless service experience.

6.2 Provision of a standardized septage receiving and bulk water filling station facility and payment system will optimize internal resources with regard to maintenance and operation of the software payment platform and the associated station hardware. Future stations to service other areas are easily integrated into the system.

7. Conclusion

7.1 It is recommended that Regional Council authorize the negotiations with Flowpoint Systems for septage receiving and bulk water filling station hardware for Regional Facilities.

7.2 It is recommended that sole source agreements with Flowpoint Systems be authorized for hardware and service contracts for five years.

7.3 It is recommended that the Commissioner of Finance be authorized to execute the purchase agreements.

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

7.5 For additional information, contact Mike Hubble, Manager, Environmental Services Design, at 905-668-7711 extension 3460.

Respectfully submitted,

Original signed by:

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: #2021-W-31
Date: September 8, 2021

Subject:

Amendment to Regional Water Pollution Control System and Storm Sewer System By-Law #90-2003 and Residential Water and Sanitary Service Connection Protection Plans

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the Regional Water Pollution Control System and Storm Sewer System By-Law #90-2003 be amended by extending a property owner's limit of responsibility for residential sanitary service connections from 1 metre (m) outside the foundation of the home currently to the new limit at the property boundary, to be consistent with the responsibility for water service connection maintenance effective July 1, 2022;
- B) That the Regional Municipality of Durham enter into an agreement that endorses residential water and sanitary service line warranty protection plans with Service Line Warranties of Canada Inc. for an initial two-year period, with a maximum of two, five-year term renewal options for extension, with such extensions subject to Regional Council approval based upon a review of the overall success of the program;
- C) That Regional staff report back to Regional Council prior to the end of the initial two-year period of the agreement to advise if the program is meeting the customer service needs and performance metrics as outlined in the agreement; and

- D) That the Commissioner of Works be authorized to execute the agreement with Service Line Warranties of Canada Inc. for residential water and sanitary service warranty protection plans, together with such further ancillary documents that may be required, all in a form satisfactory to the Commissioner of Works, Commissioner of Finance, and the Regional Solicitor.
-

Report:**1. Purpose**

- 1.1 The purpose of this report is to obtain approval for the Regional Municipality of Durham (Region) to:
- a. Amend the Regional Water Pollution Control System and Storm Sewer System By-Law #90-2003 to align with the ownership limits of the Regional Water Supply System By-Law #89-2003 as well as most other Ontario municipalities by revising the limit of responsibility for sanitary service connections; and
 - b. Enter into an agreement with Service Line Warranties of Canada Inc. (SLWC) that endorses residential water and sanitary service connection protection plans.

2. Background

- 2.1 The municipal water and sanitary sewerage systems are owned and maintained by the Region and currently service approximately 178,000 residential connections.
- 2.2 Many property owners are not aware of the ownership limits or the responsibilities of water and sanitary sewer service connection lines.
- 2.3 Because service connection failure is often unpredictable, residential property owners may not be prepared to respond quickly or with full knowledge of what is required of them to remedy the situation. Often overwhelmed, property owners will contact the Region seeking assistance for repairs to infrastructure that is not the responsibility of the Region.
- 2.4 Given this situation, opportunities to optimize resources and partnerships to deliver exceptional quality services and value to property owners in keeping with the Region's Strategic Plan were explored by Regional staff.

3. Region's Water Supply System By-Law #89-2003 and Water Pollution Control System and Storm Sewer System By-Law #90-2003

- 3.1 The Region's water service connection ownership limits are consistent with most Ontario municipalities and do not warrant further review.
- 3.2 The Region's sanitary sewer service connection ownership limits are unique compared to most Ontario municipalities. These limits were reviewed as maintenance work is currently required on private property, presenting a significant risk and associated liability to the Region.
- 3.3 The Region's Water Supply System By-law #89-2003 sets out that the maintenance and repair of the water service connections from the watermain to the property line is the responsibility of the Region, while the section from the property line into the dwelling is the responsibility of the property owner (Attachment #1). When these service connections break or leak on private property, the property owner is informed that it is not the responsibility of the Region to repair or replace the service pipe.
- 3.4 The Region's Water Pollution Control System and Storm Sewer System By-law #90-2003 sets out that the maintenance and repair of the residential sanitary service connection from the sanitary sewer up to one metre (m) from the foundation of the home is the responsibility of the Region, provided there is a 100 millimetre (mm) clean out port in the basement, as work can be completed using trenchless technology. Clean out ports may not exist in older homes. When there are blockages within 1 m from the foundation of the home, the property owner is informed that it is not the responsibility of the Region to repair or replace the service pipe.
- 3.5 Based on the service level review, Regional staff are recommending that the service limit for sanitary service connections be revised from 1 m outside the house foundation to the property limit. This will require property owners to be responsible for repairing/replacing sanitary sewer connections on their property. The Region will no longer have responsibility to repair/replace sanitary sewers located on private property.
- 3.6 An amendment to the Region's Water Pollution Control System and Storm Sewer System By-Law #90-2003 is proposed to align the ownership limits for sanitary sewer connections to be consistent with the water service connections under the Region's Water Supply System By-Law #89-2003. This will also align the Region's level of ownership with most other Ontario municipalities.

3.7 In order to allow a transition period for the proposed service level change, it is recommended that Water Pollution Control System and Storm Sewer System By-Law #90-2003 be amended such that the new service level change have an effective date of July 1, 2022.

3.8 Regional staff will develop and implement a communication strategy to notify rate payers of the recommended change to the service limit for sanitary service connections.

4. Current Maintenance Operations Standard Operating Procedures

4.1 When a property owner has an issue with their water or sanitary service, they typically contact the Region. The Region will first determine the location of the failure/leak and if the issue is determined to be outside the Region's limit of responsibility, the Region will advise the property owner (or the tenant occupant) that all work is the responsibility of the property owner. As private repair requirements are typically unexpected, time consuming and costly, the impacts are often overwhelming on a property owner.

4.2 If it is determined that it is the Region's responsibility to repair the sanitary service, the Region requests that the property owner sign a waiver to confirm that they are aware that the Region will only restore to grade and will not resod, repave the driveway, or reinstall landscaping features such as interlock, retaining walls, etc. due to the extended limits of Regional responsibility onto private property under the current service levels noted in 3.4 above.

4.3 Service connection breaks outside of the Region's responsibility are usually not covered by the home insurance policy, although many companies are starting to offer this as an endorsement to homeowner policies.

5. Sanitary Sewer Service Connection Repair Statistics

5.1 The number of sanitary sewer service calls and the estimated Regional cost for repairs were monitored from May 1 to July 28, 2021 and are as follows:

- a. 418 sanitary sewer service calls were received and investigated with an estimated cost of \$104,500.
- b. 52 sanitary sewer service repairs were completed with an estimated cost of \$238,000.

- c. 61 per cent of the sanitary sewer service repairs were located on private property with an estimated cost of \$99,900.

6. Service Level Review

- 6.1 As part of a service level review, Regional staff researched best management practices based on industry peers within Ontario. This research showed that there are warranty service providers that offer protection plans and programs to residential property owners, including water service connections, sanitary service connections, and internal home plumbing and drainage repair and replacement services.
- 6.2 The services provided by these warranty service providers are completed by private contractors and not municipal forces.
- 6.3 SLWC is an affiliate of Utility Service Partners Private Label Inc (USPPL), an independent provider of service connection warranties in the United States of America. SLWC have been endorsed as a vendor of choice by the Local Authority Service (LAS). LAS was established in 1992 by the Association of Municipalities of Ontario (AMO). LAS works with Ontario municipalities to provide vendors of choice that leverage economies of scale and cooperative procurement efforts.
- 6.4 There are several municipalities in Ontario which have endorsed the services of SLWC to their residential customers including the Region of Peel, City of Hamilton and City of Ottawa. To date there are 62 municipalities which endorse SLWC's warranty services in Ontario. Based on a review of other municipalities' experience with SLWC, the warranty offered appears to be successful and receiving positive feedback from customers.
- 6.5 To participate in this program, municipal endorsement of the program model is required. The Region's endorsement of the warranty program model allows SLWC to effectively market the program to residential property owners.
- 6.6 SLWC would offer the warranty plans to property owners for repairs and replacements to buried water and sanitary services outside of the Region's limit of responsibility for a fixed monthly cost and that SLWC be able to use the Region's logo for marketing purposes.
- 6.7 The Region would have the right to review and approve all marketing material before distribution, with SLWC expected to cover all costs of producing the marketing materials and administering the program.

- 6.8 The warranty protection plans offered by SLWC are entirely optional and there is no obligation for property owners to purchase the warranty plans. The warranty contract will be between the property owner and SLWC only and the option to enter into an agreement with SLWC is completely at the discretion of the property owner.
- 6.9 In addition, most municipalities' service levels include the same limit of responsibility for sanitary service connections as the water service connections which is at the property line.

7. Warranty Coverage, Cost Structure and Billing for Region Property Owners

- 7.1 In general, the warranty coverage offered by SLWC provides property owners with repair services for their buried infrastructure over and above the typical damage claims which may or may not be covered by their home insurance, and where there is no coverage for restoration services.
- 7.2 The service warranty plan is a monthly flat-rate fee in a subscription-based pricing structure with no deductibles or any additional fees to customers. The property owner may still be responsible for additional Regional charges such as isolating a water service to complete a repair.
- 7.3 SLWC will not be entitled to include subscription billing for the warranty plans with utility billing. They will develop, maintain and administer all billing requirements independently. The Region will not be involved in any billing arrangements or disputes.
- 7.4 The scope of SLWC service coverage for water and sanitary sewer service connections will be from the property line to the point where the service connection enters the house foundation, both of which includes any service under a concrete floor. The scope includes locating, excavating and repairing or replacing as required the water and/or sanitary service connections including any damage as a result of thawing of frozen services. An amendment of the service level for sanitary service connections to include the same limits as water services connections would be reflective in the scope of the SLWC coverage.
- 7.5 The warranty would cover any emergency repair required due to reduction in performance caused by normal wear and tear. It would also include a one-year warranty for workmanship and quality of all repair and restoration work performed.

- 7.6 The service warranty currently costs \$6.00 per month with a coverage limit of \$5,000 per occurrence for water services and \$8.00 per month with a coverage limit of \$8,000 per occurrence for sanitary services with basic site restoration.
- 7.7 An enhanced site restoration plan would cost \$10.00 per month with a coverage limit of \$8,000. Basic site restoration services provided by SLWC to the affected area will be limited to filling trenches, mounding (to allow for settling), raking and seeding (weather permitting) and excludes sod. If slab cutting within the foundation walls is necessary to repair a broken sewer line, the resulting trench will be filled with gravel and covered with concrete.
- 7.8 Since the Region only restores the site to grade and does not resod, repave the driveway, or reinstall landscaping features such as interlock, retaining walls, etc. SLWC has a plan that includes enhanced site restoration that provides for additional restoration of the site that is not provided by the Region.
- 7.9 While not included in the Region endorsed offerings, SLWC also offers an in-house plumbing warranty which covers the water and sanitary service pipes inside the house after the point of entry. Coverage also includes broken or leaking water and sanitary lines that may be embedded under the slab or basement floor.
- 7.10 The internal plumbing warranty costs \$9.00 per month with a coverage limit of \$3,000 per occurrence.

8. Financial Implications

- 8.1 All administrative costs associated with the warranty plans from marketing to complete claims handling are the full responsibility of SLWC. The Region will bear no financial costs or liability related to program delivery.
- 8.2 There will be a negligible cost to the Region to administer the agreement with SLWC and to maintain the Region's due diligence throughout the term of the agreement.
- 8.3 As per the City of Hamilton and the Region of Peel agreements with SLWC, there is a five per cent royalty available from SLWC to the Region for the use of the Region's logo and program endorsement.
- 8.4 Similar to the model adopted by the Region of Peel, staff recommends that the Region of Durham opt out of receiving the five per cent royalty and provide those monies back to the property owners as savings on the cost of the warranty. Opting out of the royalty would provide more competitive pricing for property owners both

in the short term and going forward. As of 2020, at the Region of Peel, a royalty of \$55,061 has been reinvested by SLWC into the program to allow for lower warranty rates for their property owners.

- 8.5 The service warranty costs outlined in the section above do not reflect the Region opting out of receiving royalties.
- 8.6 Any financial impacts related to the proposed service level for sanitary service connections will be reviewed and reflected in the 2022 Sanitary Sewerage Business Plans and Budget .

9. Agreement

- 9.1 An agreement in a form acceptable to the Works Department, Legal Services and the Finance Department will be negotiated with SLWC to ensure Regional requirements are met.
- 9.2 Staff recommend an initial term of the agreement of two years with the Region having the option to extend for two additional five-year periods, subject to Regional Council approval. A report will follow to highlight how the program is being received by property owners prior to any future extension of the term.
- 9.3 The amount of the commission-based royalty payable to the Region by SLWC in the agreement in exchange for the use of the Region's logo and its endorsement of SLWC's warranty program is five percent of the revenue earned by SLWC from all actively enrolled customers in any of its warranty plans within the geographical boundaries of the Region.
- 9.4 Under the proposed agreement, Regional staff recommend that SLWC not be required to pay these revenues directly to the Region during the initial two year term and must instead pass these revenues back to property owners as a five percent savings on the cost of their monthly warranty plan premiums. This provision has the effect of immediately reducing the property owner's costs.
- 9.5 The Region may request a re-evaluation and adjustment to this revenue structure after the initial two-year term of the Agreement, should Regional Council choose to exercise its right to extend the agreement.
- 9.6 The agreement contains a non-exclusivity provision which allows the Region the opportunity to endorse other parties for the same or similar services as those provided by SLWC or to provide the same or similar services internally, should it so choose. This provides the Region with options with respect to other warranty

providers, as necessary, to ensure continuous service improvements to the Region's property owners.

- 9.7 SLWC is required to indemnify the Region from any liability claims that may arise as a result of its agreement, including the Region's corporate endorsement of the warranty plan programs offered by SLWC and SLWC's use of the Region's logo.
- 9.8 SLWC is also required to provide the Region reports that enable staff to continuously monitor the services provided by SLWC to the Region's property owners to ensure that the program is meeting the customer service levels and performance metric expectations of the Region.

10. Next Steps

- 10.1 Moving forward, Regional staff propose to work with SLWC to identify training and administrative requirements, develop the necessary performance reporting to evaluate the ongoing effectiveness of the agreement and complete the marketing and communications campaign.
- 10.2 Regional staff will review all communications and marketing strategies put forward by SLWC before they are published. Marketing strategies include a letter that would be mailed to property owners, as well as updating the Region's website to outline its endorsement of the SLWC warranty program and the program's benefits to property owners. There will also be a link to the SLWC home webpage where property owners can obtain further information relating to the coverage options and the company.
- 10.3 In all communications, the difference between the municipal and private side services including the property owner's roles and responsibilities associated with private side services will be highlighted.
- 10.4 The Region will not be providing a mailing list for customer distribution. SLWC is expected to determine customer address listings on its own.
- 10.5 Marketing activities by SLWC involving tele-marketing or door-to-door solicitations will be strictly prohibited under the agreement.
- 10.6 Training of Regional staff will be required in order to ensure that questions pertaining to the warranty program can be properly answered.
- 10.7 Regional staff will review and ensure that the terms of the agreement with SLWC are being met. A summary report on the impact to operations and the impact to

property owners will be submitted to the Region by SLWC at the end of the first year and prior to the end of the agreement.

- 10.8 Using the report, Regional staff will assess the success of the program based on the review of established performance reports, customer feedback, adherence by SLWC to its agreement with the Region and the review of any associated internal costs to the Region.
- 10.9 Based on the assessment of the performance of the program prior to the end of the initial two year term of the agreement, Region staff will provide Council with an update on the program to assess performance and outcomes, and an analysis of any other warranty service coverage programs that may have successfully entered the local market. At that point, the Region will have the option to continue with the SLWC program, or partner with other firms, or choose to no longer endorse this type of warranty service coverage program.

11. Relationship to Strategic Plan

- 11.1 This report aligns with the following strategic goals and priorities in the Durham Region Strategic Plan:

Goal 5.1 and 5.2 – Service Excellence

- Optimize resources and partnerships to deliver exceptional quality services and value; and
- Collaborate for a seamless service experience.

12. Conclusion

- 12.1 It is recommended that the Regional Water Pollution Control System and Storm Sewer System By-Law #90-2003 be amended to revise the Region's responsibility for sanitary service connections to the limit of the property line which is consistent with the Regional Water Supply System By-Law #89-2003 as well as with most other Ontario Municipalities.
- 12.2 It is recommended that the Regional Municipality of Durham enter into an agreement with Service Line Warranties of Canada Inc. to provide property owners with the opportunity, at their discretion, to benefit from a Regional Municipality of Durham endorsed water and sanitary service infrastructure warranty program to help mitigate risks and unexpected costs of home ownership.

- 12.3 The program provides affordable protection against significant, unexpected costs of repairing or replacing leaking water and sanitary services and provides timely and high-quality warranty service in adherence to Provincial and Regional standards and codes while minimizing damage to surrounding streets and infrastructure.
- 12.4 The program will also create awareness and inform property owners of their responsibilities when it comes to their water and sanitary service infrastructure.
- 12.5 There would be a negligible cost implication to the Regional Municipality of Durham to participate in the program. Service Line Warranties of Canada Inc. will manage all aspects of the program including marketing, outreach and claims handling. Based on the experience from other municipalities, the Regional Municipality of Durham's internal cost for administration is negligible as customers complaints are potentially reduced.
- 12.6 This report has been reviewed by the Finance Department and the Legal Services Division of the Corporate Services Department.
- 12.7 For additional information, contact: Mike Hubble, Manager, Environmental Services Design, at 905-668-7711, extension 3460.

13. Attachments

Attachment #1: Residential Property Owners Responsibility Sketch

Respectfully submitted,

Original signed by:

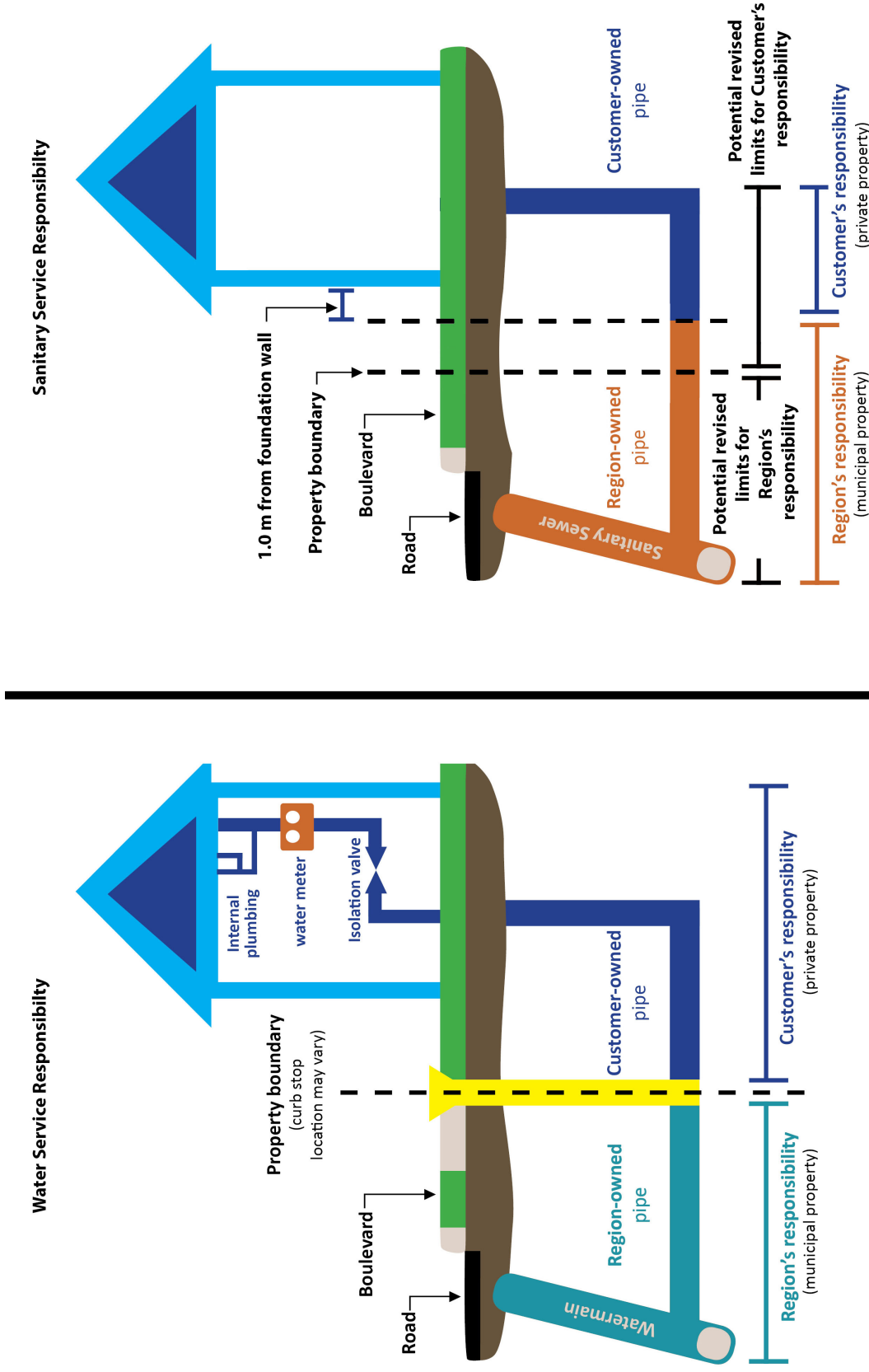
Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer

Figure 1: Residential Property Owners Responsibility Sketch





The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2021-W-32
Date: September 8, 2021

Subject:

Sole source approval to Award Maintenance Service and/or Parts Supply Agreements
Negotiated for Equipment Installed at the Duffin Creek Water Pollution Control Plant, in the
City of Pickering

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the sole source maintenance service and/or parts supply agreements for existing equipment installed as components of the Stage 3 expansion and the Stages 1 and 2 upgrades at the Duffin Creek Water Pollution Control Plant (WPCP), be negotiated and awarded as noted in the following table, with terms not to exceed five years.

Authorized Supplier	Manufacturer	Estimated Annual Costs (excluding HST)
Alfa Laval	Alfa Laval	\$125,000
Xylem	Xylem	\$375,000
C & M Environmental	Brentwood Industries	\$300,000
Envirocan Ltd	JWC	\$125,000
Directrik	Vogelsang, Hydrostal, Weir, Wemco, Trillium Pumps	\$275,000
Toshont	Toshiba	\$100,000
Thermogenics	Thermogenics	\$150,000
Waterloo Manufacturing	Cleaver Brooks	\$150,000
	TOTAL	\$1,600,000

- B) That financing for the sole source maintenance service and/or parts supply agreements be provided from the approved annual Sanitary Sewerage Operations Budget for the Duffin Creek Water Pollution Control Plant, at an estimated cost not to exceed \$1,600,000, to be cost shared with the Regional Municipality of York, with Durham's share to be determined annually based on Region's Operating agreement; and
 - C) That the Commissioner of Finance be authorized to execute the necessary maintenance service and/or parts supply agreements.
-

Report:**1. Purpose**

- 1.1 The purpose of this report is to seek Regional Council approval to award sole source maintenance service and/or parts supply agreements, subject to the negotiation of contracts that are satisfactory to the Commissioner of Finance, for existing major equipment installed as components of the Stage 3 expansion and the Stages 1 & 2 upgrades at the Duffin Creek Water Pollution Control Plant (WPCP).

2. Background

- 2.1 The Regional Municipalities of Durham (Durham) and York (York) pre-purchased several major equipment components for the Duffin Creek WPCP as part of the Stage 3 expansion circa 2011, and the Stages 1 & 2 upgrades circa 2017. These components were procured through York's procurement process since the associated capital works tenders were issued through York Region.
- 2.2 In order to maintain the equipment warranties, it is essential that regularly scheduled maintenance be conducted as specified by the manufacturer. In most cases, this specialized maintenance must be done by qualified and trained personnel. Often, consumable spare parts, replacement components, and other maintenance items can only be obtained through the original vendor or their authorized Ontario representative.
- 2.3 In addition, specialized testing of some components is required to comply with the Ministry of the Environment, Conservation and Parks (MECP) Environmental Compliance Approval, or the Regions may be at risk of non-compliance.
- 2.4 Regional Council previously provided authorization for the sole source award of maintenance service and/or parts supply agreements for not more than 5-year terms, however, authorization will expire this year.

- 2.5 In some instances, the Ontario based representatives for authorized equipment suppliers have changed from previous reports, necessitating an update.
- 2.6 In addition, the asset inventory at the Duffin Creek WPCP has increased since the previous reports which has led to increased scope of supply and services.

3. Previous Reports and Decisions

- 3.1 In May 2011, Works Committee Report #2011-W-43 requested and received authorization for the Finance Department to negotiate several sole source maintenance services and/or parts supply agreements for major items installed as components of the Stage 3 expansion of the Duffin Creek WPCP, with terms not to exceed 5 years.
- 3.2 Report #2011-W-43 noted that following approval of that report additional equipment may be identified as requiring maintenance service or parts supply agreements, which would be reported on separately.
- 3.3 In March 2017, Works Committee Report #2017-COW-51 requested and received authorization for the renewal of approvals granted under Report #2011-W-43, and also included additional vendors for equipment installed at the WPCP under the Stages 1 & 2 Liquids Rehabilitation Project, with terms not to exceed 5 years.
- 3.4 In November 2017, Works Committee Report #2017-COW-244 requested an increase in financial authorization for one of the vendors approved under Report #2017-COW-51 due to an increased scope of maintenance activities and associated increase in supply of spare parts.
- 3.5 In August 2018, Summer Recess Approval was granted to negotiate sole source maintenance service and/or parts supply agreements for equipment installed at the Duffin Creek WPCP by 3 additional vendors, with terms not to exceed 5 years.

4. Rationale for Sole Source Approval of Maintenance Service and/or Parts Supply Agreements

- 4.1 Major equipment components at the Duffin Creek WPCP have been in service for periods ranging from 5 to 35 plus years. As such, replacements of wearable parts are required and will continue to be required in the immediate future.
- 4.2 Some original spare parts inventories provided as components of capital contracts have been or will soon be consumed. On-site inventories need to be restocked to enable efficient maintenance planning and execution to occur. In addition, spare parts and agreements must be in place to:

- Plan preventative maintenance; and

- React to unplanned activities

- 4.3 Specialized maintenance and inspection services need to be procured and scheduled.
- 4.4 Scheduled interventions to proactively replace assets prior to failure are increasing in frequency as the asset base continues to mature from its original installation date.
- 4.5 Procurement of the above services and parts for the Duffin Creek WPCP has followed Regional practices to date, including the use of sole source agreements. The major equipment components listed in Table #1 will require on-going maintenance service and/or parts supply agreements and/or possibly standing agreements with the manufacturer or sole authorized supplier for proposed terms not to exceed five years.

4.6 Table #1

Item	Authorized Supplier	Manufacturer	Comments	Estimated Annual Costs (excluding HST)
Dewatering Centrifuge Supply of Spare Parts, and Service as required	Alfa Laval	Alfa Laval	Installed under Stage 3 expansion	\$125,000
Submersible Raw Sewage Pumps	Xylem	Xylem	<p>Installed in Stage 3 Influent Pumping Station circa 2013</p> <p>Installed in Stages 1 & 2 Influent Pumping Station circa 2017</p> <p>Annual pump removal/inspection specified, with spare parts and service as required</p>	\$375,000

Item	Authorized Supplier	Manufacturer	Comments	Estimated Annual Costs (excluding HST)
Secondary Cross Collector Chain and Flygt Equipment Grit and Screenings Coneyors	C & M Environmental	Brentwood Industries	Installed under Stage 3 expansion Scheduled chain replacement required Installed under Stage 3 and Stages 1 & 2 projects	\$300,000
Barscreens and Washer Compactors	Envirocan Ltd	JWC	Installed under Stage 3 and Stages 1 & 2 projects	\$125,000
Waste Heat Boiler Feedwater Pumps (Rotojet) Rotary Lobe Pumps Grit Slurry Pumps & Grit Classifiers RAS & WAS Pumps	Directrik	Vogelsang, Hydrostal, Weir, Wemco, Trillium Pumps	Waste Heat Boiler Feed Water Pumps supplied under York Contract P-19-303 Installed under Stage 3 and Stages 1 & 2 projects	\$275,000
Variable Frequency Drive (spare parts and 4160 drive service)	Toshont	Toshiba	Installed under Stage 3 and Stages 1 & 2 projects	\$100,000
Original Auxiliary Boilers (1,2,3)	Thermogenics	Thermogenics	Installed in the 1980s. Being phased out in 2024 under capital	\$150,000

Item	Authorized Supplier	Manufacturer	Comments	Estimated Annual Costs (excluding HST)
			program, but may need intervention to keep operable	
Hot Water Boilers	Waterloo Manufacturing	Cleaver Brooks	Installed under Stage 3 expansion Ontario OEM change since last authorization	\$150,000
Total Estimated Annual Cost				\$1,600,000

4.7 The above Table #1 provides the manufacturer's Ontario based authorized representative for service and/or parts.

4.8 In all cases, finalization of the cost, scope and duration of the agreement will be negotiated with the suppliers of the service and/or parts once Regional Council approval has been received.

4.9 The pricing in the above Table #1 has been estimated from a review of the procurement of representative services and/or parts to date.

4.10 The use of the maintenance services and/or parts supply agreements will ensure the Regions have the ability to obtain preferential pricing and will streamline the volume of procurement activities that are occurring.

5. Financial Implications

5.1 Section 7.2 of the Region's Purchasing By-law #16-2020, permits the acquisition of goods and services through sole source negotiations under specific circumstances outlined in Appendix "C" of the by-law. Section 1.1 of Appendix "C" permits negotiations for goods or services that can be supplied only by a particular supplier where no reasonable alternative or substitute goods or services exist to ensure compatibility with existing good or to maintain specialized goods that must be maintained by the manufacturer of those goods or its representative. The by-law also requires approval by the appropriate standing committee and Council for the award of sole source contracts that exceed \$100,000 in value.

- 5.2 Financing for the maintenance service and/or parts supply agreements, estimated at an annual cost of \$1,600,000, will be funded from the annual Sanitary Sewerage Operating Budgets for the Duffin Creek WPCP, cost shared with the Regional Municipality of York, with Durham's share to be determined annually based on the operating agreement with the Regional Municipality of York Region.

6. Relationship to Strategic Plan

- 6.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:
- a. Optimize resources and partnerships to deliver exceptional quality services and value.
 - b. Collaborate for a seamless service experience.
- 6.2 Standardization of supplies and services of specialized equipment will aid in the promotion of asset longevity and reduced, unplanned facility maintenance events.

7. Conclusion

- 7.1 It is recommended that Regional Council approve the award sole source maintenance service and/or parts supply agreements subject to negotiations of a contract satisfactory to the Commissioner of Finance for equipment installed at the Duffin Creek Water Pollution Control Plant.
- 7.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendations.
- 7.3 For additional information, contact: Brad Dobson, Project Superintendent, at 905-668-7711, extension 4297.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer