



The Regional Municipality of Durham

Works Committee Revised Agenda

Wednesday, April 8, 2026, 9:30 a.m.

Regional Council Chambers

Regional Headquarters Building

605 Rossland Road East, Whitby

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

Note: This meeting will be held in a hybrid meeting format with electronic and in-person participation. Committee meetings may be [viewed via live streaming](#).

	Pages
1. Roll Call	
2. Declarations of Pecuniary Interest	
3. Adoption of Minutes	
3.1 Works Committee meeting - March 4, 2026	4
4. Statutory Public Meetings	
There are no statutory public meetings	
5. Presentations	
There are no presentations	
6. Delegations	
There are no delegations	
7. Waste	
7.1 Correspondence	
7.2 Reports	
There are no Waste reports to be considered	
8. Works	
8.1 Correspondence	
a. Certificate of Proclamation	
Re: "Dig Safe Month" (April)	10

Recommendation: Receive for Information

- *b. Correspondence received from Doug Glass, Ajax Resident Re: Report #2026-W-8; Report #2026-W-9; Report #2026-W-10; Report #2026-W-11; and Report #2026-W-12 12

Recommendation: Refer to consideration of Report #2026-W-8 [Item 8.2 a.]; Report #2026-W-9 [Item 8.2 b.]; Report #2026-W-10 [Item 8.2 c.]; Report #2026-W-11 [Item 8.2 d.]; and Report #2026-W-12 [Item 8.2 e.]

8.2 Reports

- a. Report #2026-W-8 14
Approval to Award a Sole Source Agreement for Annual Hoist Inspections and Manufacturer Preventative Maintenance at Durham Region Transit Facilities
- b. Report #2026-W-9 18
Extension of the Standardization of Emerson and GE Vernova Platforms and Associated Supervisory Control and Data Acquisition (SCADA) and Programmable Logic Controllers (PLC) Related Process Control Hardware; Approval to Enter into an Agreement with ElectroZad; and Approval to Enter into an Agreement with Gray Matter Systems Canada Required to Support, Maintain, Secure and Sustain SCADA Systems for Regional Water and Wastewater Facilities
- c. Report #2026-W-10 24
Sole Source Procurement of Engineering Services for the Preliminary and Detailed Design of the Harmony Road (Regional Road 33) Widening from north of Conlin Road to north of Britannia Avenue, in the City of Oshawa
- *d. Report #2026-W-11 30
Sole Source Supply of the Opticom Emergency Vehicle Pre-emption Equipment from Velociti Innovations
- e. Report #2026-W-12 34
Lease Agreement with Lakeridge Health at 451 Paxton Street, in the Township of Scugog (Port Perry) for the Regional Municipality of Durham Social Services Department

9. Advisory Committee Resolutions

There are no advisory committee resolutions to be considered

10. Confidential Matters

There are no confidential matters to be considered

11. Other Business

12. Date of Next Meeting

Wednesday, May 6, 2026 at 9:30 AM

13. Adjournment

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The Regional Municipality of Durham

Works Committee Minutes

Wednesday, March 4, 2026

A regular meeting of the Works Committee was held on Wednesday, March 4, 2026 in the Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby, Ontario at 9:30 AM

Councillor Barton assumed the Chair.

1. Roll Call

Electronic participation was offered for this meeting.
* indicates individuals who participated electronically.

Members

Present: Councillor Barton, Chair
Councillor Marimpietri, Vice-Chair
Councillor Cook*
Councillor Lee*
Councillor Mulcahy
Councillor Nicholson
Regional Chair Henry

Also

Present: Councillor McDougall
Councillor Wotten*

Members

Absent: Councillor Foster was absent on municipal business

Staff Present: N. Andres, E. Baxter-Trahair, S. Dessureault, D. Dunn, A. Evans, M. Hubble, A. Hurst, R. Inacio, R. Jagannathan, J. Kilgour, B. McWade, N. Prasad, L. Saha*, K. Smith, D. Waechter, R. Woon

2. Declarations of Pecuniary Interest

There were no declarations of pecuniary interest.

3. Adoption of Minutes

Motion #8

Moved by Councillor Mulcahy, Seconded by Councillor Marimpietri,
That the minutes of the regular Works Committee meeting held on
Wednesday, February 4, 2026, be adopted.

Carried

4. **Statutory Public Meetings**

There were no statutory public meetings.

5. **Presentations**

- 5.1 Dan Waechter, Director, Capital Projects Delivery; Adam Hurst, Manager, Sustainable Infrastructure; and Ben McWade, Manager, Construction Management Services
Re: Advancing Predictive Analytics for Water and Wastewater Asset Management

Dan Waechter, Director, Capital Projects Delivery; Adam Hurst, Manager, Sustainable Infrastructure; and Ben McWade, Manager, Construction Management Services, provided a PowerPoint presentation regarding Advancing Predictive Analytics for Water and Wastewater Asset Management.

Highlights from the presentation included:

- Organization Chart
- What is Asset Management?
- Why This Matters
- Can this happen here?
- Why did it break?
- Vertical Asset Management
- Linear Asset Management
- Rehabilitation Design
- Linear Rehab & Maintenance
- Capital Budget
- Looking Ahead

Staff responded to questions from the Committee regarding asset management and infrastructure planning including: the purpose of the presentation; impacts on taxpayers; budget allocation between asset management and growth; how asset management data and system improvements are reported to Council; how risks are assessed; how infrastructure condition and age are tracked and mapped; how high-risk areas are identified and prioritized for funding; funding responsibilities between upper- and lower-tier municipalities; the use of development charges; implications of deferring asset management in favour of growth; lessons learned from major pipe failures elsewhere, and how emergency repairs and infrastructure upgrades are monitored and managed to reduce future risk.

Councillor Nicholson requested that information be provided on where emergency (unplanned) repairs are primarily being done to help coordinate Regional repair works with local municipal road works. D. Waechter advised this coordination happens regularly. R. Jagannathan advised he would discuss with staff to determine appropriate formatting for the information.

6. Delegations

There were no delegations.

7. Waste

7.1 Correspondence

There were no Waste communications to consider.

7.2 Reports

There were no Waste reports to consider.

8. Works

8.1 Correspondence

- A) Correspondence from Doug Glass, Ajax resident, re: Report #2026-W-5: The Regional Municipality of Durham's Drinking Water Systems 2025 Summary Report
-

Motion #9

Moved by Councillor Mulcahy, Seconded by Regional Chair Henry,
That correspondence received from Doug Glass, Ajax resident, regarding Report #2026-W-5: The Regional Municipality of Durham's Drinking Water Systems 2025 Summary Report be referred to consideration of Item 8.2 A).

Carried

8.2 Reports

- A) The Regional Municipality of Durham's Drinking Water Systems 2025 Summary Report
([2026-W-5](#))
-

Report #2026-W-5 from R. Jagannathan, Commissioner of Works, was received.

Staff responded to a question from the Committee regarding why certain Drinking Water Systems are listed as "Not compliant".

Motion #10

Moved by Councillor Nicholson, Seconded by Councillor Mulcahy,
That we recommend to Council:

- A) That the 2025 Summary Report for the Regional Municipality of Durham Drinking Water Systems be received for information;

- B) That receipt of Report #2026-W-5 of the Commissioner of Works be confirmed by resolution of Regional Council; and
- C) That a copy of this resolution be forwarded to the Ontario Ministry of the Environment, Conservation and Parks' York-Durham District Office to indicate that the conditions of Schedule 22 of Ontario Regulation 170/03 have been fulfilled.

Carried

9. Advisory Committee Resolutions

There were no advisory committee resolutions to be considered.

10. Confidential Matters

10.1 Reports

- A) Confidential Report of the Commissioner of Works – A Proposed or Pending Acquisition or Disposition of Land for Regional Corporation Purposes as it relates to a Property Located in the City of Oshawa (2026-W-6)

Confidential Report #2026-W-6 from R. Jagannathan, Commissioner of Works, was received.

Staff responded to a question from the Committee regarding when the properties listed in Confidential Report #2026-W-6 and #2026-W-7 will be disclosed to the public; how the information will become public record; and whether an information sheet can be provided to Council to indicate what information can be shared with the public.

Motion #11

Moved by Regional Chair Henry, Seconded by Councillor Mulcahy,
That we recommend to Council:

That the recommendations contained in Confidential Report #2026-W-6 of the Commissioner of Works be adopted.

Carried

- B) Confidential Report of the Commissioner of Works – A Proposed or Pending Acquisition or Disposition of Land for Regional Corporation Purposes as it relates to a Property Located in the Town of Whitby for the Durham Region Police Service (2026-W-7)

Confidential Report #2026-W-7 from R. Jagannathan, Commissioner of Works, was received.

Motion #12

Moved by Regional Chair Henry, Seconded by Councillor Mulcahy,
That we recommend to Council:

That the recommendations contained in Confidential Report #2026-W-7 of the
Commissioner of Works be adopted.

Carried

11. Other Business

11.1 Women in Construction Week

Regional Chair Henry advised that it was Women in Construction Week and
thanked all of the teams that work in the field.

11.2 Simcoe Street South Road Closure

Councillor Nicholson stated that due to the closure of Simcoe Street South in
Oshawa for construction on the Metrolinx project, the traffic on Olive Street,
Ritson Road and neighbourhoods in the area are seeing a huge increase in traffic
and are becoming dangerous for residents, and requested that staff take steps to
help reduce the impact of increased traffic in the area.

R. Jagannathan advised he would review the matter.

12. Date of Next Meeting

The next regularly scheduled Works Committee meeting will be held on
Wednesday, April 8, 2026 at 9:30 AM in Council Chambers, Regional
Headquarters Building, 605 Rossland Road East, Whitby.

13. Adjournment

Motion #13

Moved by Regional Chair Henry, Seconded by Councillor Marimpietri,
That the meeting be adjourned.

Carried

The meeting adjourned at 11:02 AM

Respectfully submitted,

D. Barton
Chair

K. Smith
Committee Clerk



**The Regional
Municipality of
Durham**

Office of the Regional Chair

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Canada

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john.henry@durham.ca
durham.ca

John Henry
Regional Chair and CEO

April 1, 2026

Dear Friends:

Re: “Dig Safe Month”

I am pleased to present to you the enclosed certificate
proclaiming April 2026 as “Dig Safe Month” in Durham
Region.

Kindest personal regards,

A handwritten signature in blue ink, appearing to read 'John Henry'.

John Henry
Regional Chair and CEO



The Regional Municipality of Durham

Certificate of Proclamation

presented to

Ontario Regional Common Ground Alliance

On behalf of the Council of
The Regional Municipality of Durham,
it is my pleasure to proclaim

April 2026

as

Dig Safe Month

in Durham Region

A blue ink handwritten signature, appearing to be 'John Henry', written over a horizontal line.

John Henry
Regional Chair and CEO



From: [Dee G](#)
To: [Dave Barton](#); [Clerks](#); [chair](#); [Linda, Cook, Councillor](#); [Mayor Shared Mailbox](#); [Sterling Lee](#); [Rhonda Mulcahy](#); [Brian Nicholson](#); tmarimpietri@oshawa.ca
Subject: April 2026 - Works Agenda
Date: April 4, 2026 9:20:44 AM

CAUTION: This email is from an external source. Verify sender before opening links and attachments.

I am writing regarding several items on the April 8, 2026 Works Committee agenda. There is a consistent pattern across these reports that warrants closer scrutiny from a governance, transparency, and taxpayer accountability perspective.

1. Report 2026-W-9 (SCADA / Water & Wastewater Systems)

The report recommends extending long-standing standardization and sole source agreements through to 2031 at an estimated **\$850,000 annually**. While the rationale speaks to reliability, efficiency, and risk mitigation, it also states:

“Ensure accountable and transparent decision-making...” (p.5)

However, there is no supporting evidence provided to demonstrate this accountability or transparency in practice. For example, there are no:

- performance metrics (uptime, failures, cybersecurity incidents)
- cost benchmarking vs alternatives
- lifecycle cost comparisons
- vendor dependency or risk analysis

Given that this relates to critical water and wastewater infrastructure, this level of reporting is not sufficient. If this standardization approach is the right one, the data should clearly demonstrate it. Right now, it does not.

2. Report 2026-W-10 (Harmony Road Design – Sole Source)

The justification for sole sourcing to CIMA Canada is based primarily on efficiency, continuity, and coordination benefits (p.2–3) While those may be valid considerations, the report provides:

- no competitive pricing validation
- no quantified comparison to market rates
- no procurement analysis demonstrating value for money

The statement that rates are “comparable” is not supported with any data (p.5) For an \$825,000 design assignment that directly informs future multi-year capital spending, this is a material gap.

3. Additional Items

- **2026-W-11 (Emergency Vehicle Systems):** Sole sourced since the 1970s, with annual costs increasing significantly - no explanation of cost escalation or alternatives.
- **2026-W-8 (Transit Hoists):** Partial competition appears possible but not explored.
- **2026-W-12 (Lease):** Low cost, but repeated renewals without clear service-level reporting or long-term planning.

Across these items, a consistent pattern emerges:

- Sole sourcing and standardization are repeatedly approved
- Long-term financial commitments are extended
- Funding is embedded in budgets

But there is **no consistent evidence of:**

- measurable outcomes
- cost effectiveness
- alternative analysis
- or clear taxpayer impact

If this Committee is exercising effective oversight, we should consistently see:

- what outcomes are being achieved
- how performance is improving
- how costs compare to alternatives
- and how decisions protect long-term financial sustainability

Instead, we see activity, process, and approvals — without a clear line to results.

I respectfully request that this correspondence be included as part of the public record for the April 8, 2026 Works Committee meeting and that the Committee consider strengthening expectations for reporting, particularly for sole sourced and long-term operational and capital decisions.

Thank you for your consideration.

D Glass
Ajax Resident

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: #2026-W-8
Date: April 8, 2026

Subject:

Approval to Award a Sole Source Agreement for Annual Hoist Inspections and
Manufacturer Preventative Maintenance at Durham Region Transit Facilities

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That a sole source agreement be awarded for the provision of annual vehicle hoist inspections and manufacturer-recommended preventative maintenance, effective January 1, 2026, for a term not to exceed six (6) years, to ensure optimal performance of the vehicle hoists at Durham Region Transit facilities, at an estimated total contract value of \$406,782* over the six-year term; and
 - B) That the Commissioner of Finance be authorized to execute the necessary documents related to this sole source agreement.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to obtain Regional Municipality of Durham Council's approval to execute a sole source agreement for the provision of annual vehicle hoist inspections and periodic manufacturer-recommended preventative maintenance, effective upon award, for a term not to exceed six (6) years, to ensure the optimal operation of vehicle hoists at Durham Region Transit facilities.
- 1.2 Dollar amounts followed by an asterisk (*) are exclusive of applicable taxes.

2. Background

- 2.1 There are nineteen (19) vehicle lifting hoists installed and in use at Durham Region Transit (DRT) facilities, eighteen (18) of which are manufactured by Stertil-Koni. These units are heavy-duty transit bus lifting systems specifically engineered to accommodate the size, weight, wheelbase, and axle loads of 40-foot and 60-foot articulated buses within the DRT fleet. Their design supports full vehicle elevation for major undercarriage, drivetrain, suspension, and brake work on transit buses, reflecting the specialized nature of municipal fleet maintenance infrastructure.
- 2.2 In developing specifications for the annual certification inspection and manufacturer-recommended preventative maintenance of Stertil-Koni vehicle hoists located at Durham Region Transit sites, it was confirmed that Novaquip Lifting Systems is the sole authorized distributor and factory-trained/certified installer and service representative for Stertil-Koni products in Ontario.
- 2.3 Annual vehicle hoist certification inspections are required to comply with the American National Standards Institute / Automotive Lift Institute Automotive Lift Construction, Testing and Validation (ANSI/ALI ALCTV) standard, which governs the safety, construction, testing, and certification of automotive lifting equipment. All inspections must be performed by an Automotive Lift Institute (ALI) Certified Lift Inspector. Manufacturer-recommended preventative maintenance must be completed by an authorized and qualified service provider.

3. Previous Reports and Decisions

- 3.1 In December 2019, Regional Council approved [Works Committee Report #2019-W-92](#) authorizing the approval to award a sole source agreement for Annual Vehicle Hoist Inspection and Periodic Maintenance of Stertil Koni Vehicle Hoist in Use at the Durham Region Transit Facilities with terms not to exceed six years.

4. Justification For Sole Source

- 4.1 Novaquip Lifting Systems is the sole authorized distributor, factory-authorized installer, and service provider for Stertil Koni vehicle hoists within Ontario, Quebec, Newfoundland and Labrador, Prince Edward Island, New Brunswick, and Nova Scotia. Stertil Koni, the manufacturer, provides only Novaquip technicians with direct manufacturer training and access to approved parts, technical updates, and prescribed maintenance procedures, ensuring the equipment is serviced in accordance with current manufacturer standards.

- 4.2 While annual inspections may be performed by any ALI-certified inspector, utilizing Novaquip's manufacturer-trained technicians ensures alignment with Steril Koni specifications and maintains consistency, safety, and service continuity across the installed units. This approach supports equipment reliability and maximizes hoist availability, which is critical to maintaining uninterrupted bus maintenance operations at DRT garages.

5. Financial Implications

- 5.1 Section 7.2 of the Purchasing By-law allows for the acquisition of goods and services through limited tendering (sole/single source) in specific circumstances set out in Section 1.1 of Appendix "C." Sole/single source purchases are permitted where the required goods or services can be supplied only by a particular supplier, where specialized goods must be maintained by the manufacturer of those goods or its authorized representative.
- 5.2 Financing for the sole source agreement for the provision of annual vehicle hoist certification inspections and manufacturer-recommended preventative maintenance will be provided from the annual Durham Region Transit Business Plans and Budget for the various facilities at an estimated cost not to exceed \$406,782* over a six-year term.

6. Relationship to Strategic Plan

- 6.1 This report aligns with 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 for specialized equipment will promote asset longevity and reduce unplanned facility maintenance events.

7. Conclusion

- 7.1 It is recommended that Regional Municipality of Durham Council approve the award of a sole source agreement with Novaquip Lifting Systems for the annual certification inspection and manufacturer-recommended preventative maintenance of Steril-Koni vehicle hoists at Durham Region Transit facilities, effective January 1, 2026, for a term not to exceed six (6) years.

- 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, please contact James Kilgour, Director of Special Projects at 905-668-4113, extension 6260 and Robert Adamsz, Manager, Facilities Maintenance and Operations at 905-442-9011.

Respectfully submitted,

**Original signed by David Dunn, Director,
Transportation and Field Services
for**

Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE
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: #2026-W-9
Date: April 8, 2026

Subject:

Extension of the Standardization of Emerson and GE Vernova Platforms and Associated Supervisory Control and Data Acquisition (SCADA) and Programmable Logic Controllers (PLC) Related Process Control Hardware; Approval to Enter into an Agreement with ElectroZad; and Approval to Enter into an Agreement with Gray Matter Systems Canada Required to Support, Maintain, Secure and Sustain SCADA Systems for Regional Water and Wastewater Facilities

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That the standardization of Emerson Programmable Logic Controllers (PLCs) and GE Vernova Platform and Control System software, the associated Controls Equipment, Change Management systems, Operational Technology (OT) Cybersecurity Software-Hardware, and Industrial OT Computing Platforms used for the integration, operation, maintenance, and upgrade of the SCADA systems supporting Regional Water Supply and Wastewater facilities, be continued and expanded, as required, until December 31, 2031, in order to maintain system reliability, operational resilience, safety, cybersecurity, and regulatory compliance, and to minimize operational risk to critical water and wastewater infrastructure; and

- B) That sole source agreements be awarded to ELECTROZAD for the Purchase of Emerson Hardware, Related Software, Training, and Associated Services and GRAY MATTER SYSTEMS CANADA for Proficy Industrial Software Suite, Associated Hardware, Maintenance Plan, Supporting Software, Training, and Other Related Goods and Services for a five (5) year term, ending December 31, 2031 at an estimated annual cost of \$850,000; and

- C) That the Commissioner of Finance be authorized to execute the negotiated agreements and amendment agreements.
-

Report:**1. Purpose**

1.1 The purpose of this report is to:

- a. Seek Regional Council approval to extend the standardization of Emerson Programmable Logic Controllers, GE Vernova Control Systems software, associated specialized hardware, process control equipment, and control system software used within the SCADA systems supporting the Regional Municipality of Durham's Water Supply and Wastewater facilities, until December 31, 2031; and
- b. Seek Regional Council approval to enter into agreements with
 - ELECTROZAD from May 1, 2026 to December 31, 2031; and
 - GRAY MATTER SYSTEMS CANADA from September 21, 2026 to December 31, 2031.

2. Background

2.1 The current standardization of PLC, SCADA Software, specialized hardware for both PLC and SCADA, and supportive process control equipment/software expires on April 30, 2026 and requires renewal.

2.2 The current agreement with ELECTROZAD (formerly SESCO and GESCAN) for Programmable Logic Controllers, related process control equipment, related Software, Training and Support expires on April 30, 2026 and requires renewal.

2.3 The current agreement with GRAY MATTER SYSTEMS CANADA for SCADA-related Software, related Hardware, Maintenance Acceleration Plan with Support (previously GlobalCare) and Training to Support this customized SCADA integrated controls system expires on September 20th, 2026 and requires renewal.

3. Previous Reports and Decisions

3.1 Works Committee Report #2010-W-21 approved Standardization of Programmable Logic Controllers, Related Process Control Equipment and Control

System Software and the Renewal of Agreements with GE Intelligent Platforms Canada, Gray Matter Systems Canada.

- 3.2 Works Committee Report #2014-W-58 approved the extension of the standardization of process control products for SCADA projects and expanded the Regional standard to the Region's 14 Water Supply systems.
- 3.3 Works Committee Report #2014-W-58 also authorized the negotiation of purchase agreements for software, support, training and hardware that support the SCADA systems that control the Region's Water and Wastewater facilities.
- 3.4 In April of 2016 the pricing for the purchasing agreement was extended for a period of 5 years and the agreement was executed by the Commissioner of Finance.
- 3.5 In the 1920's GESCAN Automation started out as a division of Canadian General Electric Co. Ltd. (CGE) and was re-named General Electric Supply Canada (GESCAN) in 1975.
- 3.6 In late 2019 GE Digital sold their line of Programmable Logic Controllers and hardware to Emerson Automation Solutions. Prices from the existing GE purchase agreement with the Region have been upheld since the transfer of ownership.
- 3.7 On January 1, 2024, GESCAN Automation Ontario joined the SESCO business, creating one consolidated Operating Company SESCO.
- 3.8 On October 30, 2025, SESCO officially become ELECTROZAD (A Sonepar Company)
- 3.9 [Works Committee Report #2021-W-5](#) approved extension of the standardization of Programmable Logic Controllers, SCADA Software/Hardware, Related Process Control Equipment and the Renewal of Agreements with ELECTROZAD (previously GESCAN) and GRAY MATTER SYSTEMS CANADA.

4. Justification for Standardization of Equipment and Sole Sourcing of Software and Support

- 4.1 The primary objective of standardizing SCADA equipment and software across Water Supply and Wastewater facilities is to ensure seamless integration of all operational sites into a unified monitoring and control Human Machine Interface (HMI) environment. Standardization enables operators to view and manage any facility from any location, improving situational awareness and operational

efficiency, and supporting unified monitoring wherever technologically feasible across the Regional network.

- 4.2 Standardization of process control products mitigates the risks associated with using multiple manufacturers, including communication failures, interoperability issues, and reduced overall SCADA system reliability. A unified platform also strengthens security and data safety protections by reducing system complexity, minimizing cyber-attack surfaces, and ensuring consistent planning and application of security controls, thereby enhancing overall system robustness and resilience.
- 4.3 A common hardware and software platform ensures that operations and maintenance staff maintain strong working knowledge of the equipment, enabling efficient troubleshooting and supporting compliance with regulatory requirements. Standardization also reduces training needs, streamlines project delivery, and minimizes operational and capital risks. A unified platform further enables staff to keep pace with rapidly evolving Operational Technology (OT) and supports more effective planning and execution of system upgrades across all facilities.
- 4.4 Currently, this equipment is now in place at 45 sites, with ongoing deployments and upcoming projects scheduled to extend coverage to 104 Regional facilities. SCADA infrastructure in newly constructed or expanded facilities is upgraded to comply with these standardized requirements. Over time, the Region's objective is for all Water and Wastewater facilities to adopt this standardized platform, ensuring uniformity, reliability, operational and service excellence, safety including cyber security, and long-term lifecycle support across the Region.

5. Financial Implications

- 5.1 Section 7.2 of the Purchasing By-Law #16-2020 allows for the acquisition of goods and services through limited tendering (sole/single source) in specific circumstances set out in Appendix "C" where the required goods or services can be supplied only 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 The extension of an existing contract would prove more cost effective or beneficial. All purchase agreement extensions will be executed by the Commissioner of Finance.

- 5.3 Section 3.1.5 of the Purchasing By-Law #16-2020 permits the standardization of goods wherever possible.
- 5.4 Financing for the purchase of the Programmable Logic Controllers, SCADA Software and related Hardware for each facility reconstruction/expansion is included within the applicable project budget.
- 5.5 Financing for the provision of equipment, software, hardware and services to support SCADA/Controls Systems, including an estimated value of \$850,000 per year covered under these agreements will be funded from the annual Water Supply and Sanitary Sewer Business Plans and 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. Align Regional infrastructure and asset management with projected growth, climate impacts, and community needs.
 - b. Ensure accountable and transparent decision-making to serve community needs, while responsibly managing available resources.

7. Conclusion

- 7.1 It is recommended that the standardization of Programmable Logic Controllers (PLC), Supervisory Control and Data Acquisition (SCADA) software, and associated process control equipment hardware and software used to maintain and upgrade SCADA systems supporting Regional Water Supply and Wastewater facilities be extended until December 31, 2031.
- 7.2 It is recommended that sole source agreements with ELECTROZAD and GRAY MATTER SYSTEMS CANADA be authorized for the provision of software, hardware, support and training as follows:
- ELECTROZAD from May 1, 2026 to December 31, 2031 and
 - GRAY MATTER SYSTEMS CANADA from September 21, 2026 to December 31, 2031.
- 7.3 It is recommended that the Commissioner of Finance be authorized to execute the negotiated agreements and amendment 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: Tyler Wilson, Manager, SCADA, at 905-668-7711, extension 3117.

Respectfully submitted,

**Original signed by David Dunn, Director,
Transportation and Field Services
for**

Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE
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: #2026-W-10
Date: April 8, 2026

Subject:

Sole Source Procurement of Engineering Services for the Preliminary and Detailed Design of the Harmony Road (Regional Road 33) Widening from north of Conlin Road to north of Britannia Avenue, in the City of Oshawa

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That staff be authorized to award a sole source engineering services agreement to CIMA Canada Inc. to undertake the preliminary and detailed design of the Harmony Road (Regional Road 33) widening from north of Conlin Road to north of Britannia Avenue, in the City of Oshawa, for an amount not to exceed \$825,000*, to be financed through the approved project budget; and
 - B) That the Commissioner of Finance be authorized to execute the necessary documents related to the sole source agreement.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to seek Regional Municipality of Durham (Region) Council approval to award a sole source for engineering services to CIMA Canada Inc. (CIMA) to undertake the preliminary and detailed design of the

Harmony Road (Regional Road 33) widening from north of Conlin Road to north of Britannia Avenue, in the City of Oshawa.

- 1.2 Dollar amounts followed by an asterisk (*) are before applicable taxes.

2. Background

- 2.1 The City of Oshawa retained CIMA in 2023 through a competitive bid process to complete the detailed design for the four-lane widening of Conlin Road from west of Ritson Road (Regional Road 16) to east of Grandview Street North. The CIMA detailed design assignment with the City of Oshawa includes Regional intersection improvements at Conlin Road and Ritson Road and at Conlin Road and Harmony Road that are funded by the Region.
- 2.2 Detailed design for the segment of the Conlin Road widening project that includes the Harmony Road intersection is ongoing with construction funding forecasted in 2027.
- 2.3 The Region is aware of concerns raised by area residents and members of both Local and Regional Council regarding the lack of urbanization, streetlighting, sidewalk, active transportation infrastructure, and transit infrastructure on Harmony Road north of Conlin Road as new subdivisions in the area are being constructed and occupied.
- 2.4 Funding for the design of the Harmony Road widening from north of Conlin Road to north of Britannia Avenue was approved in the 2026 Capital Road Program. Funding for property acquisition (2029), utility relocations (2030) and construction (2031-2035) is in the later years of the ten-year roads capital forecast included in the 2026 Business Plans Budget , but will be considered for advancement in subsequent years should design of this Harmony Road segment proceed quickly.

3. Sole Source Justification

- 3.1 Retaining CIMA to complete the preliminary and detailed design for the four-lane widening of Harmony Road from north Conlin Road to north of Britannia Avenue is beneficial for the following reasons:
- a. The design for the Harmony Road and Conlin Road intersection is already ongoing with CIMA through the City of Oshawa's Conlin Road widening assignment, which includes designing Harmony Road to approximately 200m north of Conlin Road. Having CIMA continue the design on Harmony

Road to north of Britannia Avenue would add approximately 800m of additional design work on Harmony Road. This would provide an accelerated and seamless design and leverage the synergies between the City of Oshawa and the Region by having one consultant complete the work.

- b. Having a single consultant will streamline utility relocation work and ensure utility relocations account for both Harmony Road widening and Conlin Road widenings, avoiding the need to complete relocations twice.
- c. Having a single consultant will deliver efficiency savings in aspects of the Harmony Road design that are already being carried out for the Conlin Road widening design. This would include technical studies such as geotechnical, environmental, and stormwater assessments, etc., as CIMA has background information and previous knowledge from the works they have already completed under the City of Oshawa assignment.
- d. CIMA has had ongoing coordination with stakeholders as part of the Conlin Road widening, including adjacent development work, and that knowledge will improve coordination efforts and accelerate the Harmony Road widening design.
- e. Coordinating the Harmony Road and Conlin Road widening designs under a single consultant will reduce review and approval times with regulatory agencies.
- f. Retaining a different design consultant to complete the design for the widening of Harmony Road north of Conlin Road while CIMA is completing the design for the Conlin Road and Harmony Road intersection is not efficient or cost effective. As the road design process is very dynamic and having two separate consultants coordinating overlapping designs would require complete integration of each of the consultants' design processes. This is likely to result in several change orders and increased costs for both consultant assignments.
- g. Having CIMA complete the design of Harmony Road widening north of Conlin Road will increase delivery possibilities, such as combining the Conlin Road and Harmony Road intersection and the Harmony Road widening north of Conlin Road into a single construction contract designed by CIMA, if construction schedules can be coordinated. This will save cost

and time and limit public disruption by avoiding the need to impact the area twice with construction activity. This also benefits the overall road network by accelerating the delivery schedule for the planned widening of Harmony Road north of Conlin Road.

- h. Accelerating the Harmony Road widening project north of Conlin Road also benefits the Oshawa community by having roadway urbanization, streetlights, sidewalks, active transportation connections, and transit facilities constructed sooner than originally anticipated.

4. Engineering Services Fee

4.1 The estimate engineering fee of \$825,000* includes the following services:

- a. Project Management;
- b. Coordination with Conservation Authorities, Provincial and Federal environmental agencies, the City of Oshawa, adjacent developers, and other key stakeholders;
- c. First Nations consultation;
- d. Subsurface utility investigations, mapping and coordination for relocations or protection of infrastructure, including major Enbridge and TransCanada pipelines;
- e. Road design, including traffic safety;
- f. Hydrology, drainage, and stormwater management investigations, reporting and design;
- g. Geotechnical and geo-environmental investigations, reporting and design;
- h. Archaeological investigations and reporting;
- i. Permit applications and approvals;
- j. Environmental studies to support permit applications;
- k. Traffic signal and illumination design;
- l. Traffic and construction staging design;

- m. Contract specification preparation; and
 - n. Additional services as required by the project.
- 4.2 The hourly staff rates quoted by CIMA for this assignment are comparable to the hourly rates paid for other competitively bid assignments undertaken by consultants on behalf of the Region.

5. Funding Source

- 5.1 Section 8.4.2 of the Region's Purchasing By-law Number 16-2020 requires approval of Regional Council to award an assignment as a sole source where the project or annual value of a consulting or professional service assignment is expected to be \$100,000 or greater.
- 5.2 Financing for the procurement of engineering services estimated at \$825,000* is to be provided from the approved project budget (Project ID R2416).

6. Relationship to Strategic Plan

- 6.1 This report aligns with/addresses the following Strategic Direction(s) and Pathway(s) in Durham Region's 2025-2035 Strategic Plan:
- a. Connected and Vibrant Communities
 - C1. Align Regional infrastructure and asset management with projected growth, climate impacts, and community needs.
 - C3. Improve public transit system connectivity, reliability, and competitiveness.
 - C4. Improve road safety, including the expansion and connection of active transportation networks to enhance the range of safe mobility options.
 - b. Strong Relationships
 - S3. Collaborate across local area municipalities, with agencies, non-profits, and community partners to deliver co-ordinated and efficient services.

- S5. Ensure accountable and transparent decision-making to serve community needs, while responsibly managing available resources.

7. Conclusion

- 7.1 It is recommended that authorization be approved for the sole source engineering services agreement with CIMA Canada Inc. to undertake the preliminary and detailed design of the Harmony Road (Regional Road 33) widening from north of Conlin Road to north of Britannia Avenue, in the City of Oshawa, at an upset limit not to exceed \$825,000*.
- 7.2 This report has been reviewed by the Finance Department, and the Commissioner of Finance concurs with the recommendations.
- 7.3 For additional information, contact David Dunn, Director, Transportation and Field Services at 905-668-4113 extension 3422 and Reid McGregor, Manager, Transportation Infrastructure Design, at 905-668-4113, extension 3502.

Respectfully submitted,

**Original signed by David Dunn, Director,
Transportation and Field Services
for**

Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE
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: #2026-W-11
Date: April 8, 2026

Subject:

Sole Source Supply of the Opticom Emergency Vehicle Pre-emption Equipment from Velociti Innovations

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the Opticom Emergency Vehicle Pre-emption equipment manufactured by Miovision be sole sourced for a period of five (5) years;
 - B) That authorization be provided to negotiate and award a sole source contract with Velociti Innovations for the provision of the Opticom Emergency Vehicle Pre-emption equipment for a period of up to five (5) years at a **total term** cost of approximately \$400,000* to be financed through the 100 percent recovery of costs from local municipalities' fire services; and
 - C) The Commissioner of Finance be authorized to execute the necessary documents related to the sole source agreement.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to seek Regional Municipality of Durham (Region) Council approval for the:
 - Renewal of the sole sourcing of the Opticom Emergency Vehicle Pre-emption (EVP) equipment for emergency vehicle pre-emption at traffic control signals; and

- Negotiation of a sole source contract with Velociti Innovations, authorized distributor, for the provision of the Opticom EVP equipment, for a period of up to five years.

1.2 Dollar amounts followed by an asterisk (*) exclude all applicable taxes.

2. Background

2.1 The Works Department operates and maintains all the traffic control signals in the Region of which approximately 95 percent are equipped with EVP equipment. The Region purchases and operates the traffic control signal related EVP equipment on behalf of all local fire departments who are responsible for all costs associated with the EVP system, including outfitting their own fire vehicles with infrared transmission equipment. Opticom EVP has been the fire departments' system of choice based on functionality, reliability and cross-municipal compatibility.

3. Justification for Sole Source

3.1 Opticom is the only EVP system that is fully compatible with existing traffic control signals and existing on-board fire vehicle signal transmission equipment across all local fire departments within the Region. This equipment has been sole sourced since the 1970s. Due to proprietary technology and operational programming, other EVP systems do not meet the required functional specifications to detect the Opticom vehicle signal emitters installed in these vehicles, and do not meet the level of performance requirements at the signalized intersections.

3.2 It is recommended that the traffic control signal related Opticom EVP equipment be purchased from Velociti Innovations to ensure 100 percent compatibility.

4. Previous Reports and Decisions

4.1 On April 28, 2021, Regional Council approved [Report #2021-W-15](#) with the following recommendations to Council:

- “That the Opticom Emergency Vehicle Pre-emption equipment manufactured by Global Traffic Technologies be renewed as the standard for the Regional Municipality of Durham for a period of three (3) years with an option in favour of the Regional Municipality of Durham to extend the standardization on the same terms and conditions for up to an additional two (2) one-year terms;

REVISED

- That authorization be provided to negotiate and award a sole source contract with Global Traffic Technologies for the provision of Opticom Emergency Vehicle Preemption equipment for a period of up to five years at an annual cost of approximately **\$80,000*** to be financed through the 100 per cent recovery of costs from local fire departments; and
- That the Commissioner of Finance be authorized to execute the necessary agreement."

5. Financial Implications

- 5.1 Item 1.1 in Appendix C of the Purchasing By-law 16-2020 permits that in cases where the goods and services can only be supplied by a particular supplier and no reasonable alternative or substitute goods or services exist to ensure compatibility with existing goods, or to maintain specialized goods that must be maintained by the manufacturer of those goods or their representative, the acquisition of goods and services can be made through a negotiation process.
- 5.2 The estimated cost for the provision of the Opticom Emergency Vehicle Preemption equipment **over the five-year term** is approximately \$400,000. Funding for the installation of traffic control signal related EVP equipment is provided through a cost recovery process agreed upon by each local municipality fire department. Local municipalities are invoiced for the full cost of capital and ongoing maintenance associated with the EVP system.

6. Relationship to Strategic Plan

- 6.1 This report aligns with and addresses the following strategic goals and priorities in the Durham Region Strategic Plan:
- a. Connected and Vibrant Communities #C4: Improve road safety, including the expansion and connection of active transportation networks to enhance the range of safe mobility options.
 - b. Strong Relationships #S3: Collaborate across local area municipalities, with agencies, non-profits, and community partners to deliver coordinated and efficient services.

7. Conclusion

- 7.1 It is recommended that the Regional Municipality of Durham negotiate a sole source purchasing agreement with Velociti Innovations for a period of up to three (3) years with an option in favour of the Region to extend the Agreement on the same terms and conditions for an additional two (2) one-year terms.
- 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: David Dunn, Director, Transportation and Field Services, at 905-668-7711, extension 3422.

Respectfully submitted,

**Original signed by David Dunn,
Director, Transportation and Field Services
for**

Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE
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: #2026-W-12
Date: April 8, 2026

Subject:

Lease Agreement with Lakeridge Health at 451 Paxton Street, in the Township of Scugog (Port Perry) for the Regional Municipality of Durham Social Services Department

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the Lease Agreement with Lakeridge Health, for premises located at 451 Paxton Street, in the Township of Scugog (Port Perry) containing approximately 96.99 square metres (1,044 square feet) of rentable space be approved with the following terms and conditions:
 - i) The term of the lease is twelve (12) months commencing March 1, 2026, and ending February 28, 2027; with one option to extend the lease for three renewal terms of one year on the same terms and conditions
 - ii) The basic rent structure for the lease term is as follows:
 - a) March 1, 2026 to February 28, 2027: \$2.00* per annum;
 - b) The Regional Municipality of Durham agrees to pay or cause to be paid all charges for the cleaning of the premises by the Landlord in the amount of \$70.00* per week, to be invoiced to the Region on a quarterly basis
- B) The Regional Chair and Clerk be authorized to execute all documents associated

with the Lease Agreement.

Report

1. Purpose

- 1.1 The purpose of this report is to obtain approval to carry out a lease with Lakeridge Health as per the terms and conditions outlined herein.
- 1.2 Dollar amounts followed by an asterisk (*) are before applicable taxes.

2. Background

- 2.1 The Long-Term Care and Services for Seniors Division of the Social Services Department has leased 96.99 square metres (1,044 square feet) of space in the building located at 451 Paxton Street, in the Township of Scugog (Port Perry), since November 2021. The lease has undergone multiple extensions, with the most recent term ending February 28, 2026. The Region has been occupying the space on a month-to-month basis since the end of the term.

3. Previous Reports and Decisions

- 3.1 The Original lease was executed on November 16, 2021 for a term of one year ending October 31, 2022. The Lease has been renewed several times since that date. The Lease was renewed in 2023 for a further one-year term commencing March 1, 2023 and ending February 28, 2024. The Lease was renewed and extended in 2024 for an additional one-year term commencing March 1, 2024 and ending February 28, 2025. Most recently, the lease was renewed and extended in 2025 for an additional one-year term commencing March 1, 2025 and ending February 28, 2026.
- 3.2 Corporate Real Estate staff have discussed the on-going program requirements with the client department and have evaluated the need for the continued use of this space. Given the Landlord's ability to grant the lease for nominal amount, together with the specific need for services in this geographic location, the renewal of this Lease is recommended.

4. Renewal of Lease

- 4.1 The proposed Lease Agreement is for a term of one year commencing March 1, 2026, and ending February 28, 2027. The agreement provides the Region with

an option to extend the lease for three renewal terms of one year under the original terms and conditions.

4.2 The proposed rental rate for the term of the lease is as follows:

a. For the period of March 1, 2026, to February 28, 2027, the annual rent is \$2.00*.

4.3 The Regional Municipality of Durham agrees to pay or cause to be paid all charges for the cleaning of the premises by the Landlord in the amount of \$70.00* per week, to be invoiced to the Region on a quarterly basis.

4.4 The Region will have the right to terminate this agreement with ninety days' notice to the Landlord.

5. **Financial Implications**

5.1 Financing of this Lease Agreement will continue to be provided within the Social Services Department, Long-Term Care and Services for Seniors Division Business Plans and Budget for this facility.

5.2 Since approval of this agreement requires a long-term financial obligation for which payment is required beyond the term for which Council was elected, the Regional Treasurer has updated the Region's financial debt obligation and obligation limit. In accordance with Section 4 of the Ontario Regulation 403/02, the Region's Treasurer has calculated an updated long-term debt/financial limit and has determined that the limit has not been exceeded. Therefore, this lease extension does not require the approval of the Ontario Land Tribunal.

6. **Relationship to Strategic Plan**

6.1 This lease extension supports key priorities outlined in Durham Region's 2025-2035 Strategic Plan, advancing the Region's commitment to providing equitable, sustainable, and integrated human services.

6.2 Strategic Direction: Connected and Vibrant Communities

a) C1 – Align Regional infrastructure and asset management with projected growth and community needs:

- This lease ensures continuity of service delivery in a key location that supports local access to essential Social Services programs.

b) C7 – Create accessible, lively, and culturally welcoming public spaces:

- Maintaining service presence at the Port Perry hospital contributes to community connection and improves accessibility for residents who rely on in-person supports.

6.3 Strategic Direction: Healthy People, Caring Communities

a. H2 – Collaborate with partners to respond to complex social issues including mental health, addictions, and community well-being:

- The Long-Term Care and Services for Seniors Division’s programming directly supports vulnerable residents and provides stabilization services.

b. H3 – Integrate and coordinate service delivery to improve life outcomes, including supports related to poverty prevention and housing:

- Continued operation of this location enables seamless, coordinated access to services aimed at improving resident well-being.

6.4 Strategic Direction: Strong Relationships

a. S3 – Collaborate across local municipalities, agencies, and community partners to deliver efficient and coordinated services:

- The long-standing relationship with the landlord and the maintained physical presence in Port Perry enable continued partnerships with local service agencies.

b. S5 – Ensure accountable and transparent decision-making While responsibly managing resources:

- Renewing the lease provides fiscal predictability and supports long-term service planning within approved departmental budgets.
- By supporting stable delivery of human services, the proposed lease meaningfully contributes to advancing Durham Region’s

Community Vision of connected, caring, and welcoming communities that improve people's lives.

7. Conclusion

- 7.1 Social Services Department has advised that they wish to renew the lease at 451 Paxton Street in the Township of Scugog (Port Perry). It is recommended that the Lease Agreement be approved based on the above noted terms and conditions.
- 7.2 This report has been reviewed by the Finance Department and the Legal Services Department.
- 7.3 For additional information, contact David Dunn, Director, Transportation and Field Services, on behalf of Christine Dunkley, Director of Corporate Infrastructure and Strategic Business Services at 905-668-4113 extension 3422 and Chidinma Amobi, Manager of Financial Services and Corporate Real Estate at 905-668-4113 extension 3841.

Respectfully submitted,

**Original signed by David Dunn,
Director, Transportation and Field Services
for**

Ramesh Jagannathan, MBA, M. Eng, P. Eng, PTOE
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer