



THE CORPORATION OF THE TOWN OF AMHERSTBURG  
OFFICE OF ENGINEERING & INFRASTRUCTURE SERVICES

**Mission Statement:** As stewards of the Town of Amherstburg, we strive to improve the quality of life of all residents through the delivery of effective, efficient, and affordable services.

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Author's Phone: 519 736-3664 ext. 2312	Date to Council: May 13, 2024
Author's E-mail: echamberlain@amherstburg.ca	Resolution #:

To: Mayor and Members of Town Council

Subject: 2023 Case Backhoe Improvements

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1. **RECOMMENDATION:**

It is recommended that:

1. An expenditure for the installation of safety equipment on the Water/Waste Water Backhoe by Delta Power Equipment for the Water and Wastewater division not to exceed \$14,755 **BE APPROVED** including net HST and that the additional amount of \$14,755 **BE FUNDED** from the Water/Waste Water Reserve (0210).

3. **BACKGROUND:**

In January 2024, Infrastructure Services received the delivery of the new Case Backhoe from Kucera Group, now known as Delta Farm Power, for the Water and Waster division through the Town's Backhoe Replacement Program.

4. **DISCUSSION:**

During recent operations, the water/wastewater operators identified a safety concern with the new backhoe. The rear excavating bucket would be safer to operate with a quick-disconnect system for switching attachments and buckets. During a watermain and sewer repair project, the backhoe operator could switch buckets and attachments multiple times throughout the course of the work. With the current setup, the ground crew would need to be in communication with the backhoe operator and in contact with the backhoe to assist in pulling and installing pins to swap buckets and attachments as needed. This could cause potential safety issues within the confined work area and would add

additional time to perform the work which can be critical during watermain repairs. The inclusion of the quick-disconnect equipment will allow the backhoe operator to switch equipment without assistance of the ground crew and in a more timely manner. The cost to install the quick-disconnect function of the excavating bucket is \$14,500 excluding HST.

**5. RISK ANALYSIS:**

The risk is the potential health and safety concern to the ground crew that would be avoided by installing the quick-disconnect system. Also, the automatic switch out of attachments will provide a more timely response to critical watermain repairs.

**6. FINANCIAL MATTERS:**

The cost to install the quick-disconnect system on the backhoe is \$14,755 net H.S.T. If approved, the amount would be funded by the Water/Waste Water Reserves.

**7. CONSULTATIONS:**

There were no consultations.

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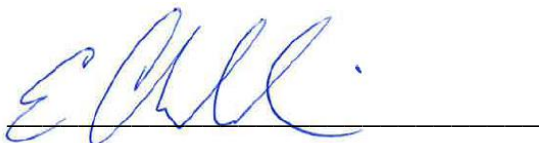
**8. CORPORATE STRATEGIC ALIGNMENT:**

*Vision: Preserving our past while forging our future.*

<i>Amherstburg Community Strategic Plan 2022 - 2026</i>	
<p style="text-align: center;"><b>PILLAR 1</b> <b>Deliver Trusted &amp; Accountable Local Government</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Improve trust between council and staff, and residents, by strengthening governance and internal accountability structures.</li> <li><input type="checkbox"/> Deliver transparent and efficient financial management.</li> <li><input type="checkbox"/> Increase effective communication and engagement with residents.</li> <li><input checked="" type="checkbox"/> Develop our staff team, resources, and workplace culture.</li> <li><input checked="" type="checkbox"/> Continue to deliver strong core municipal services.</li> <li><input type="checkbox"/> Ensure Amherstburg is an inclusive accessible and welcoming community committed to reconciliation.</li> </ul>	<p style="text-align: center;"><b>PILLAR 3</b> <b>Encourage Local Economic Prosperity</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Encourage development of commercial and industrial lands.</li> <li><input type="checkbox"/> Continue to promote local tourism industry, especially overnight accommodation.</li> <li><input type="checkbox"/> Continue to facilitate downtown development for residents and visitors.</li> <li><input type="checkbox"/> Continue to leverage partnership opportunities with other provincial, federal, and local governments, agencies, and organizations.</li> </ul>
<p style="text-align: center;"><b>PILLAR 2</b> <b>Invest in Community Amenities and Infrastructure</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Maintain safe, reliable and accessible municipal infrastructure and facilities.</li> <li><input type="checkbox"/> Increase access to recreation opportunities for all ages.</li> <li><input type="checkbox"/> Finalize and execute plans for town-owned lands (e.g. Duffy’s site, Belle Vue)</li> <li><input type="checkbox"/> Create public access to water and waterfront</li> <li><input type="checkbox"/> Prioritize opportunities to reduce environmental impacts of Town operations and increase Town resilience to climate change.</li> </ul>	<p style="text-align: center;"><b>PILLAR 4</b> <b>Shape Growth Aligned with Local Identity</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Define and communicate a vision for the Town’s future and identity.</li> <li><input type="checkbox"/> Promote and plan for green and “climate change ready” development.</li> <li><input type="checkbox"/> Review and implement policies that promote greater access to diverse housing.</li> <li><input type="checkbox"/> Protect the Town’s historic sites and heritage.</li> <li><input type="checkbox"/> Preserve the Town’s greenspaces, agricultural lands, and natural environment.</li> </ul>

**9. CONCLUSION:**

The installation of a quick-disconnect system on the backhoe will be safer for Town staff and provide a quicker response during critical water repairs.



Eric Chamberlain  
**Manager of Roads and Fleet**

## Report Approval Details

Document Title:	2023 Case Backhoe Improvements.docx
Attachments:	
Final Approval Date:	May 2, 2024

This report and all of its attachments were approved and signed as outlined below:



Antonietta Giofu



Tracy Prince



Valerie Critchley



Kevin Fox