



**Meeting Date:** February 26, 2025

**Prepared By:** Andrew Giesen, C.E.T, PMP Transportation Manager

**Submitted by:** Rob Cascaden, P.Eng – Director – Public Works and Engineering

**Report No:** PWE 08-2025

**Subject:** Fire Vehicle Reallocation and Replacements

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**Recommendation:**

THAT report PWE 08- 2025 re: Fire Vehicle Reallocation and Replacements be received;  
AND THAT the purchase of (one) 1 new fire engine be awarded to Fort Gary in the amount of \$692,104.00 (including municipal portion of nonrefundable HST);

**Purpose:**

This report aims to provide Middlesex Centre Council with a comprehensive recommendation for the reallocation of fire vehicles within the Middlesex Centre Emergency Services Fleet. The reallocation is intended to optimize resource deployment, enhance operational efficiency keeping fiscal responsibility in mind.

**Background:**

Middlesex Centre Emergency Services fleet currently consists of a diverse range of vehicles, including fire engines, pumper/tankers, and rescue vehicles, distributed across various fire stations. Due to recent vehicle inspections, and condition assessments, a re-evaluation of vehicle replacement timing is necessary to ensure that proper and effective equipment is in place to ensure continued coverage and levels of service be maintained.

**Analysis:**

The approved and budgeted fleet replacements for emergency services are as follows; [2024 budget](#) replacement of Arva pumper/tanker, [2025 budget](#) replacement of Ilderton pumper/tanker.

Staff are recommending the following reallocation of Emergency Services vehicle replacement, the pumper/tanker budgeted for in 2024 and currently being built be redirected to Ilderton to replace the Ilderton pumper/tanker, the pumper/tanker identified for Ilderton in the 2025 budget be reallocated and changed to replace the Delaware station engine.

The reason for the reallocation of the pumper/tanker originally planned for Arva is the Ilderton pumper/tanker has significant tank integrity and overall reliability concerns. Furthermore, the Arva pumper/tanker was built in 2004 and still in reasonably good shape and is expected to be able to continue serving for a few more years, this piece of equipment will be scheduled for replacement in future budget discussions.

With the reallocation of the planned Arva pumper/tanker to Ilderton, this allows staff to bring forward an alternate vehicle for Council to consider for replacement in advance of what was originally planned. The Delaware engine is one of the most heavily used vehicles in the Emergency Services fleet, and as a result of its higher-than-average usage has recently failed its annual inspection.

Staff are recommending that the 2025 budget originally identified for a replacement of the Ilderton pumper/tanker be reallocated to replace the Delaware engine.

This reallocation of vehicle replacement priorities will extend the life of some assets specifically the Arva pumper/tanker, while prioritizing critical assets that are reaching the end of useful life and have ongoing concerns from a reliability and operational perspective.

Emergency Services staff proactively reached out to three vendors to gather prices for the replacement of the Delaware engine, for Council consideration. The results for the replacement of the Delaware engine can be found below.

**Results of Bids/Quotes for Replacement Delaware Engine**

Supplier Name	Bid Price (Excluding HST)	Total Cost (Incl Municipal portion of HST)
1200 Degrees	\$ 885,000	\$900,753.00
Fort Gary	\$680,000	\$692,104.00
Carrier Emergency Vehicles	\$750,000	\$763,350.00

Staff have reviewed the submissions for compliance with Emergency Services requirements and specifications and found the low bid submission from Fort Gary to be compliant with the specifications and requirements needed to support Emergency Services operations.

Staff are recommending the award of a replacement fire engine be made to Fort Gary in the amount of \$692,104.00 (incl municipal portion of HST).

**Financial Implications:**

The submission received from Fort Gary for the purchase of one (1) new replacement fire engine in the amount of \$692,104.00 (incl municipal portion of HST), is recommended by staff for award. The 2025 Council approved budget for the replacement of a pumper tanker was approved at \$725,000. Staff are recommending the budget for the pumper tanker be reallocated to the replacement of the Delaware engine. The reallocation has no financial impact on the 2025 budget.

**Strategic Plan:**

This matter aligns with following strategic priorities:

- Sustainable Infrastructure and Services

The reallocation of replacement fire vehicles will ensure fire services has the necessary equipment and resources to respond to emergency situations in a cost-effective manner, minimizing down time and costly equipment repairs.

**Attachments:**

N/A