



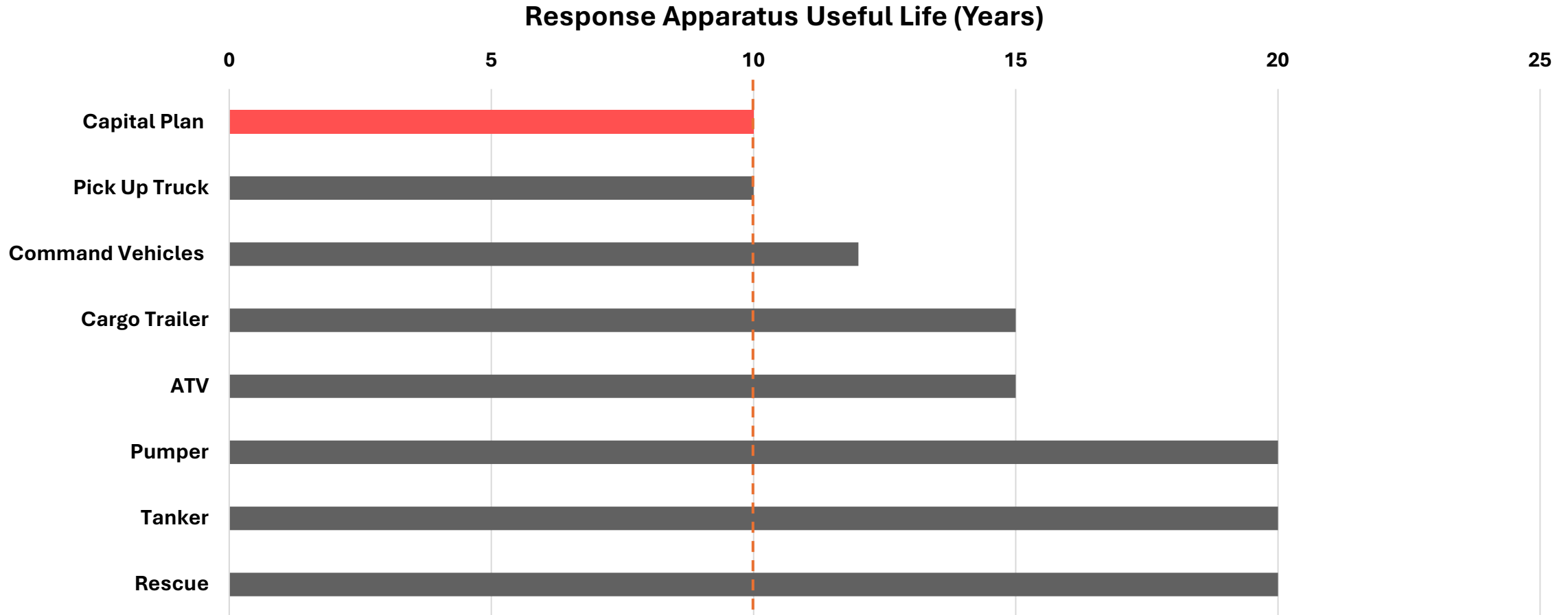
# Lambton Shores Fire Department

## Fire Response Apparatus Review

# AGENDA

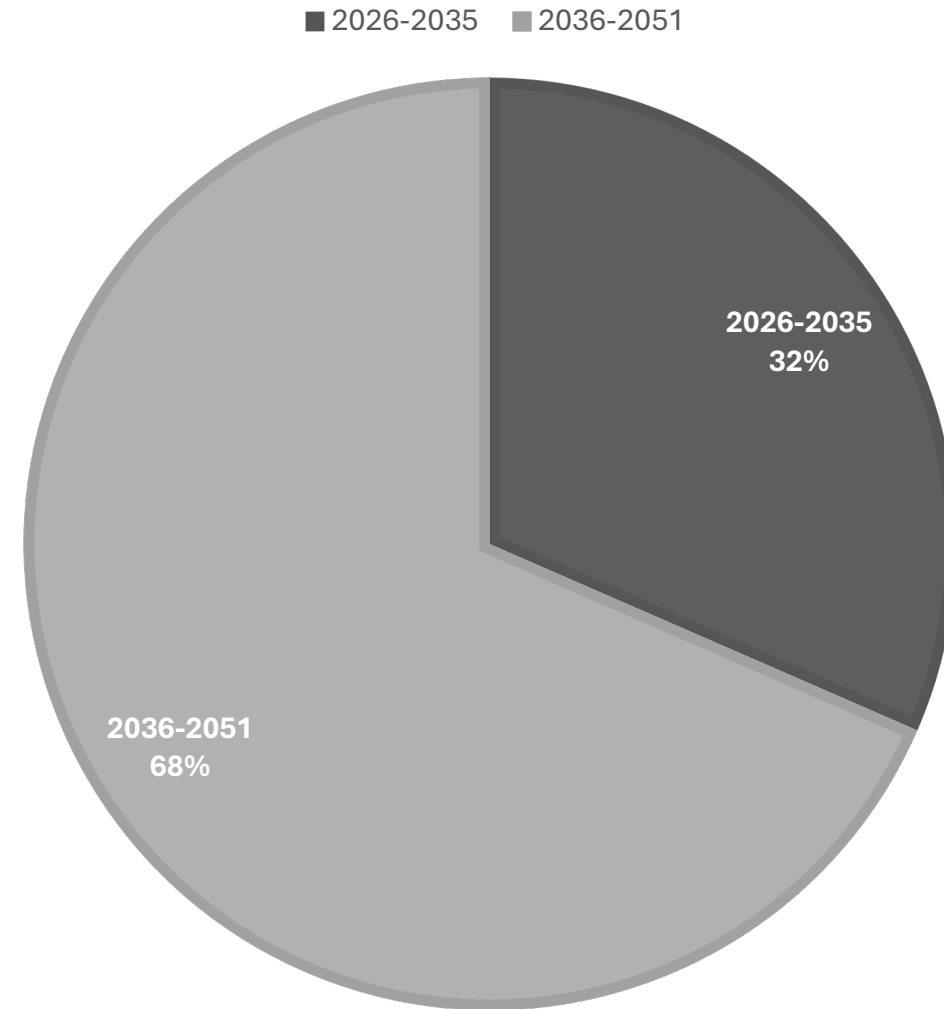
1. **Why Update Our Approach?** – *Limitations of the current 10-year capital plan*
2. **Apparatus Replacement Needs 2026–2051** – *What vehicles need replacing and when*
3. **Key Challenges** – *Inflation, delays, community growth, and tariffs affecting fire trucks*
4. **Replacement Options** – *Four scenarios for funding and timing*
5. **Alignment with Plans** – *Consistency with the 2021 Fire Master Plan and 2025 Asset Management Plan*
6. **Recommendations & Decisions** – *Summary of recommended actions for Council approval*

# Current 10-Year Capital Plan Leaves Out Long-Term Costs



# Current 10- Year Plan vs. Long-Term Costs

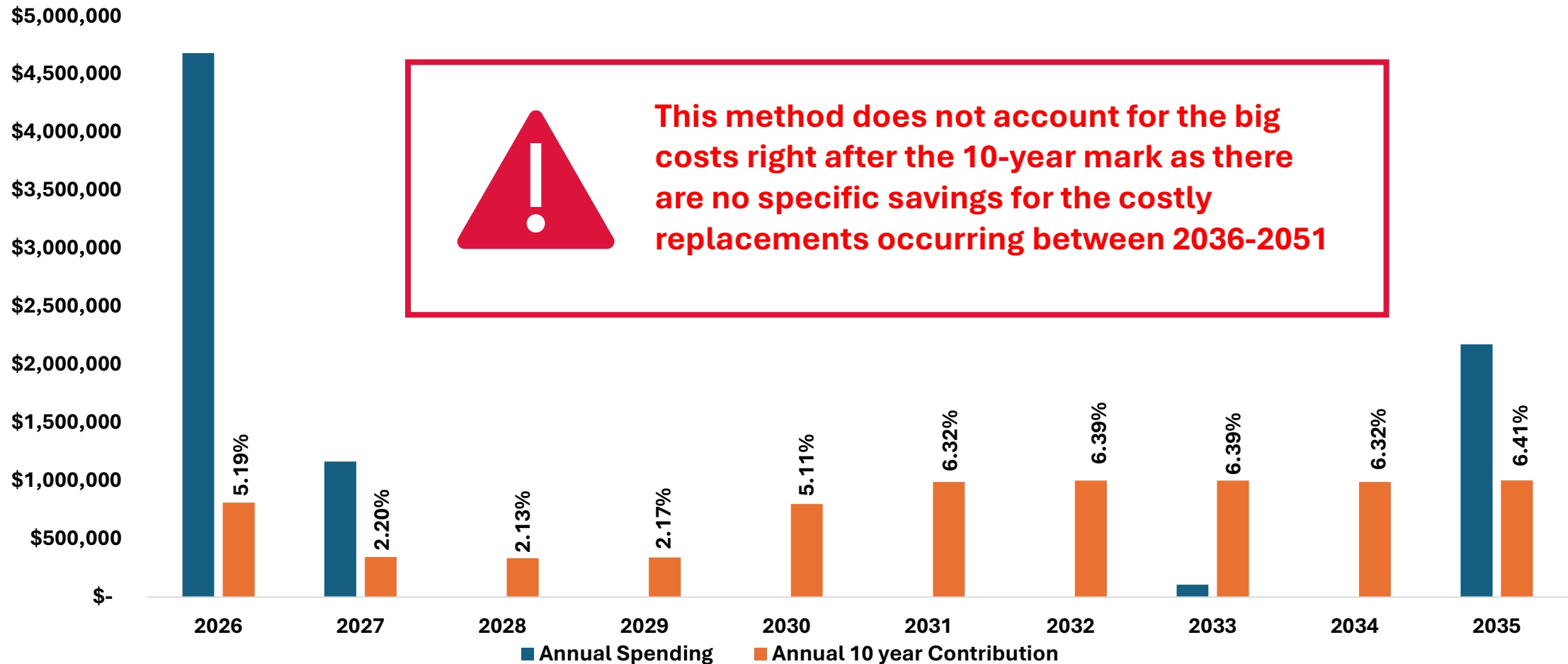
## PROJECTED PURCHASES 2026-2051



# Projected Purchases 2026-2051



# Current Budgeting Process for Rolling Stock



# Key Challenges



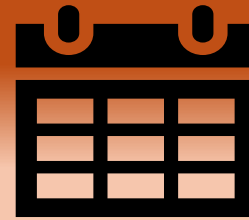
# Key Challenges

RISING COSTS  
DUE TO INFLATION





# Key Challenges



BACK-ORDER &  
PRODUCTION  
DELAYS



# Key Challenges



CHANGING  
BUILDING /  
DEMOGRAPHIC  
PROFILE

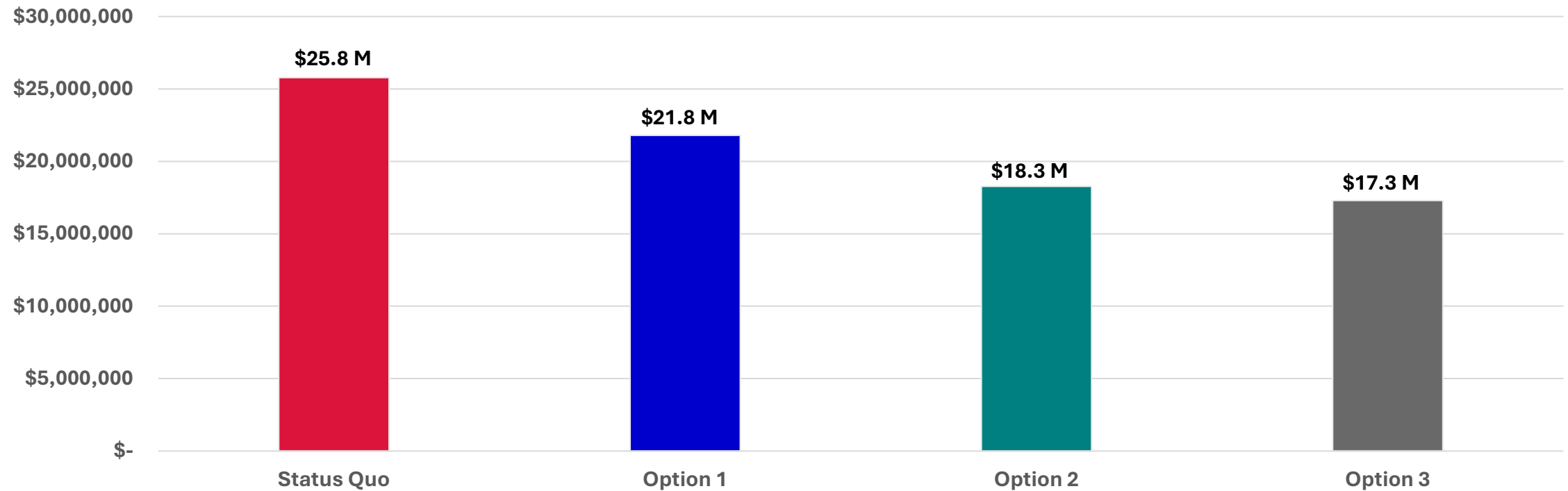


# Key Challenges



CANADA / USA  
TRADE TARIFFS

# Total Apparatus Costs 2026 - 2051



# Status Quo

## Maintaining 5 Firehalls

Continuing to services Lambton Shores through five stations while working towards achieving a reduction in fire apparatus.

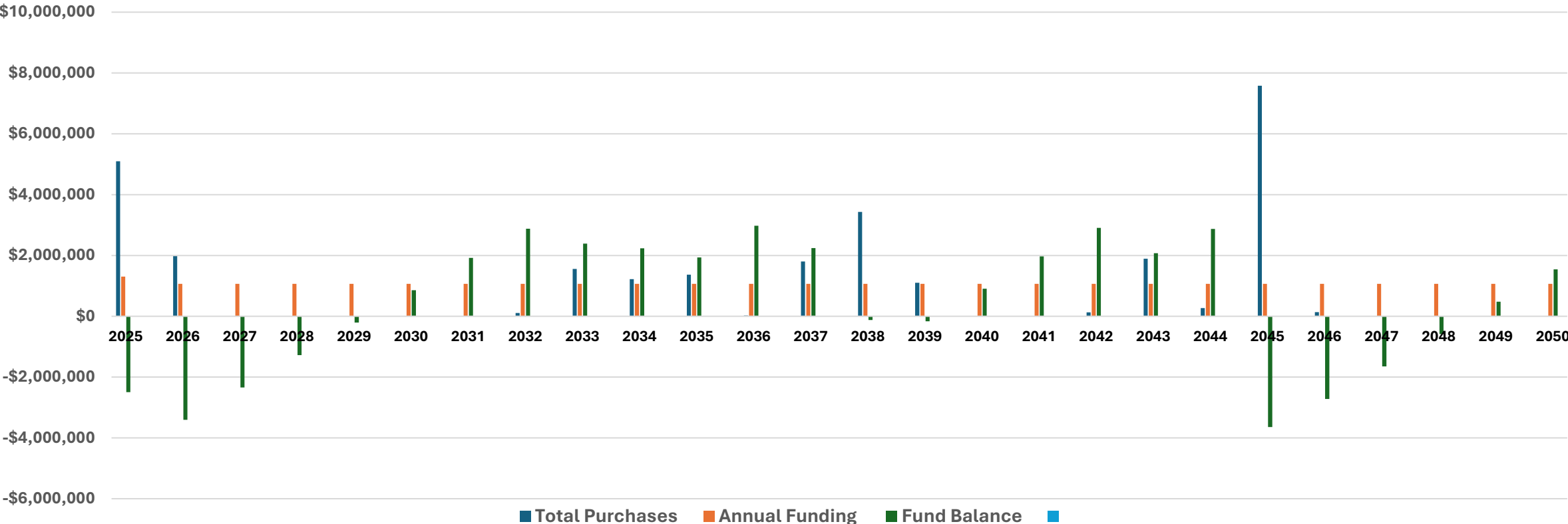
For example, moving away from pumper, tanker and rescue and utilizing a pumper/tanker and a pickup truck. This transition reduces large apparatus purchase while allowing us to continue servicing Lambton Shores using multi-station response models.

This reduction in multiple trucks offers the opportunity to invest in an elevated platform and a mini pumper to serve Lambton Shores and its changing profile.

# Status Quo

## 2026-2051 Maintaining 5 Firehalls

Annual Contribution of \$960,604



# Option 1

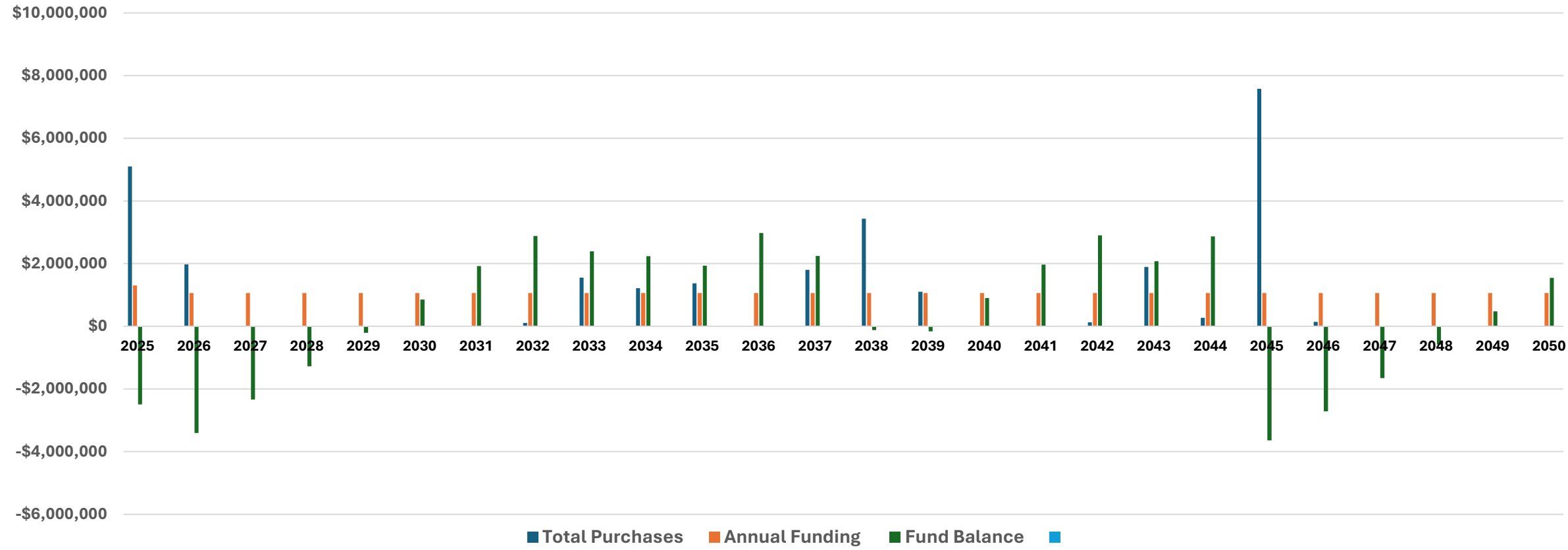
Northville Fire Station repurposed to training/decontamination centre.

In evaluating the upcoming needs of apparatus and looking at hall distances, there is potential to transition Northville to a decontamination/training centre. Should this option be agreed upon, the engine in Forest, which is due for replacement, could be replaced with the Northville pumper/tanker. In turn, the Grand Bend Tanker could be repositioned to the Thedford Hall. The repositioning of these two trucks would meet the immediate needs of our retiring apparatus.

This initial savings could offset the costs of the elevated platform in 2028. Moving forward, in 2032, 2035 retiring apparatus would be replaced with pumper/tankers.

Option 1  
2026-2051 Northville Fire Station Repurposed to  
Training / Decontamination Centre

Annual Contribution of \$663,682





# Option 2

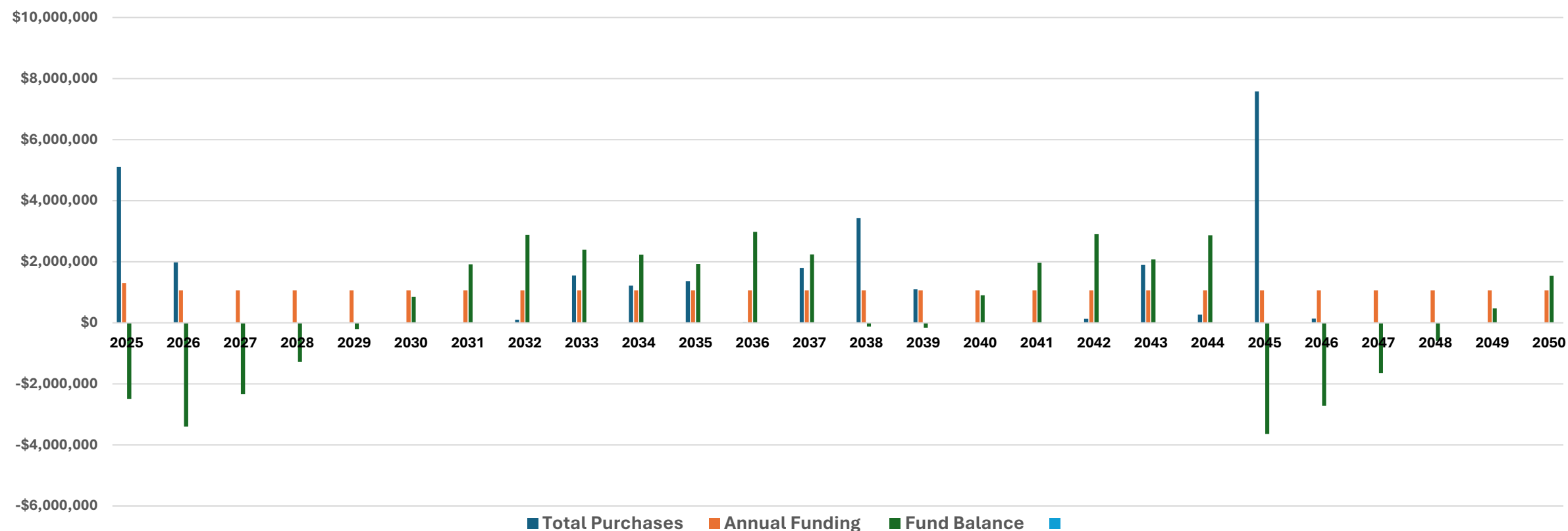
Repositioning fire trucks to defer significant initial investments

With this option, we purchase a pumper/tanker in 2026 to be placed in the Arkona Station. The engine from Arkona replaces the end-of-life engine in Forest, and the Arkona tanker replaces the end-of-life tanker in Thedford. This positions Arkona with apparatus as per the Fire Master Plan (2021).

# Option 2

## Repositioning Fire Trucks to Defer Significant Initial Investments

Annual Contribution of \$660,335



# Option 3

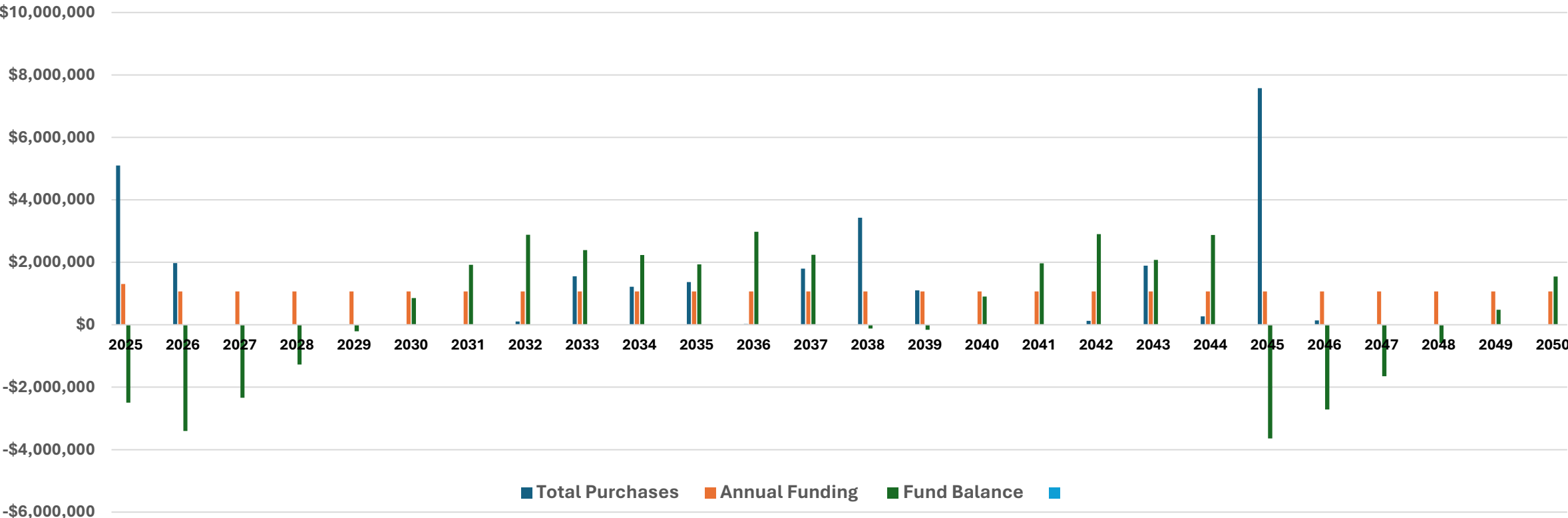
Large scale reimagining of fire station placement and required fleet to service Lambton Shores.

In looking at life expectancy of fire halls coupled with population growth; this option re-evaluates fire hall/apparatus placement within Lambton Shores. As we look forward, there may be an opportunity to reposition halls that allows for a reduction of infrastructure and apparatus numbers. This option offers coverage from a Northern, Central and Southern Hall. This would allow for a centralized elevated platform, mini-pumper and tanker support.

# Option 3

## Large Scale Reimagining of Fire Station Placement and Required Fleet to Service Lambton Shores

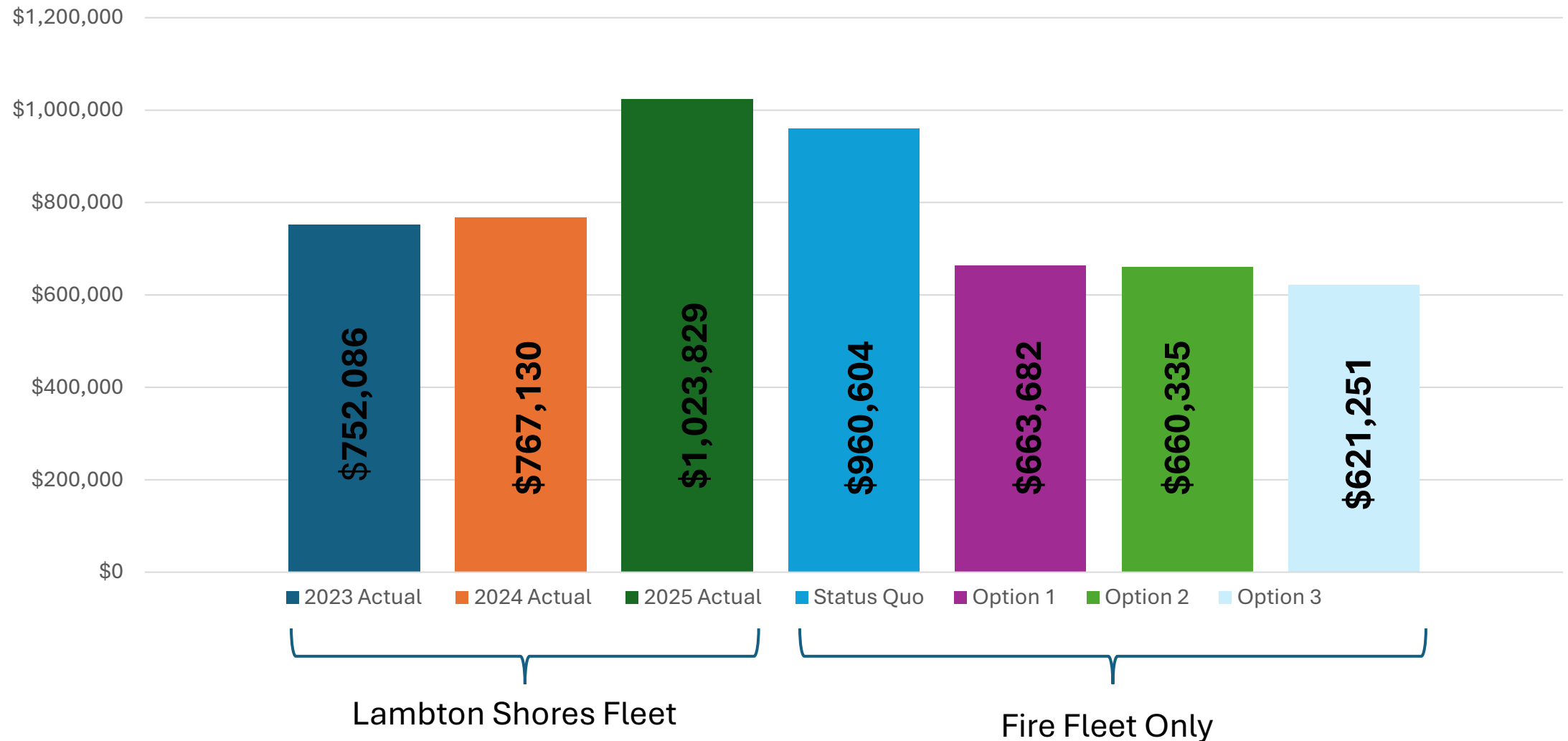
Annual Contribution of \$621,251



# Alignment with Master Plan & Asset Management Plan

- The Lambton Shores Fire Master Plan (2021) explicitly recommended several items that this proposed lifecycle approach addresses:
  - ***“Develop and adopt a standard fleet management plan to acquire all apparatus...”***
  - ***“Consider the future acquisition of aerial apparatus...”***
  - ***“Build a fleet of spare apparatus that can support front line operations...”***

# Rolling Stock Reserve Contributions



# Alignment with Master Plan & Asset Management Plan

- Our 2025 Asset Management Plan (AMP) lays out a financial strategy for tax-supported assets that is mirrored in this approach:
  - The AMP identified an annual funding gap and suggested closing it via a combination of reallocated debt-room and a **1% annual capital levy** from 2026 onwards.
  - The AMP projected that implementing the 1% annual levy could nearly eliminate the infrastructure deficit over 10 years.

# Recommendations & Decisions Required

## Authorize Proceeding with the 2025 Fire Pumper Purchase

– That Council confirm the already-approved acquisition of a new fire pumper/tanker (scheduled for 2026 delivery). This ensures we replace an aging frontline truck on schedule and maintain fire response reliability.





# Aerial Ladder Truck – Decision Required



## Decision Point:

Should the Municipality proceed with procurement of a new aerial fire apparatus (ladder truck) for delivery in 2028/2029?

**Estimated Cost:** \$2.0–2.5 million

**Delivery Lead Time:** ~2.5 to 4 years (order required soon for 2028/29 arrival)

## Background:

- 2021 Fire Master Plan recommended acquiring an aerial to meet service demands
- No aerial currently in fleet – mutual aid is relied on for elevated operations
- Community growth (e.g., Grand Bend, Forest) increasing demand for this capability
- Building stocks continued transition towards lightweight construction.
- Delay in decision = delay in delivery
- Staff Request:  
**Council direction is required – *authorize procurement or decline purchase at this time.***

# **Adopt the Long-Term Apparatus Replacement Lifecycle Plan**

That Council direct staff to  
implement the lifecycle-based  
replacement strategy for the  
procurement of fire response  
apparatuses with a 25-year  
horizon



# QUESTIONS

