

Tiffin Fire Department

From the desk of - Assistant Fire Chief/Fire Marshal Bill Erb



MEMORANDUM

TO: Honorable Mayor Kasperek
Tiffin City Council

CC: Doug Boldt, City Administrator

FROM: Bill Erb, Assistant Fire Chief / Fire Marshal & Tyler Muhlbauer, Assistant Fire Chief

RE: Replacement of Tires for Engine 151 and Ladder 155

DATE: March 11, 2025

The Tiffin Fire Department is requesting approval to replace the tires on two front-line fire apparatus: Engine 151 and Ladder 155. The tires currently installed on both vehicles have exceeded their recommended service life and are beginning to show visible signs of wear. Because these apparatuses are critical to our emergency response capabilities, maintaining safe and reliable tires is essential.

The recommended service life is based on the National Fire Protection Association (NFPA) 1911 Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus, which states that tires on fire apparatus should be replaced every seven (7) years, or sooner if signs of wear or deterioration are present. By operating fire apparatus with aging or worn tires can impact vehicle handling, braking performance, and operational safety.

Given the weight and operational demands placed on fire apparatus, proactively replacing these tires helps reduce the risk of mechanical failure and ensures the department maintains compliance with recognized safety standards and best practices.

The following replacement estimates have been obtained:

- Estimate #226656 – Ladder 155: Replacement of all eight (8) tires – \$9,299.12
- Estimate #226593 – Engine 151: Replacement of all six (6) tires – \$5,085.28

Total Cost: \$14,384.40

Replacing these tires will ensure both apparatuses remain compliant with NFPA standards, maintain operational readiness, and continue to respond safely and effectively to emergencies within the community.

Your approval of this purchase request is respectfully requested so the department can proceed with scheduling the tire replacements and maintain the readiness and safety of our emergency response fleet.