



AGENDA ITEM COVERSHEET

PREPARED BY: Alan Griffin, Fire Chief

DEPARTMENT: Fire

MEETING: Town Council Meeting 12/10/2024

SUBJECT: Consider Entering into a Contract with Atlantic Coast Fire Trucks for the Replacement of Engine 21

BACKGROUND:

NFPA Recommendations for Fire Apparatus Lifespan:

The National Fire Protection Association (NFPA) recommends that a fire engine should be in front-line service for 10 years. After this period, the engine should transition to reserve status where it serves as a backup or is used less frequently. Retirement from the fleet is recommended after 20 years of service, as modern fire apparatuses are often equipped with advanced technology and features that make them more effective, and older vehicles may face reliability and safety concerns.

Current Status of Engines:

Engine 22 is a 2016 and is currently our first out apparatus. It will be at the end of its front-line status when the new engine arrives.

Engine 21 is a 2003 model, which means it is currently 21 years old as of 2024.

Based on the NFPA's recommendations, Engine 21 is at the end of its service life, and should be considered for replacement.

Current Build-Out Time for a Fire Engine:

It currently takes about 2 years to build a new fire engine. If we were to enter into a contract, the new engine would likely not be available until 2026 (assuming the build process starts now in 2024).

Projected price increases for 2025:

Current EPA changes in motors will create a price increase estimated at \$58,000 if we cannot meet the window of the current motor availability.

Projected price increase of 4.5% for 2025 effective January 01, 2025.

ACTION:

Motion to approve Chief Griffin's request to enter into a contract with Atlantic Coast Fire Trucks for the replacement of Engine 21, as presented. This contract will allow for the procurement of a new fire engine to replace Engine 21, ensuring continued safety and operational efficiency for our department.