

**Project Name:** Fire Engine Station One**Department:** Fire**Program:** Fire Vehicle Fund

**Project Description:** This project will allow us to replace a 22 year-old fire engine. The life expectancy of fire engines is 10 years front line and 10 years in reserve status. With the addition of the new engine in 2018 we can run this vehicle less but it will still be needed. ISO and NFPA suggest that we respond with 2 engines and a ladder or service company to all single-family residential buildings, and 3 engines and a ladder to multifamily or commercial buildings, with a suggested water flow of 3,500 GPM (or more) at some of our commercial buildings.

**Existing Condition:** The existing fire engine at station one is 22 years old and has reached the end of its service life.

**Project Goals:** This project meets *Goal #2: Safest City* & *Goal #6: Customer Focused Superior Services* by providing for enhanced response capabilities.

**Operations Impact:** Negligible

**Funding Source:** Capital Projects Fund

Total	2017	2018	2019	2020	2021	2022	Beyond 2022
\$550,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$220,000

<b>Existing 1215</b>
1995 E-One Pumper
Engine Hours 7749.2
Maintenance Cost Total* \$18,134.11
Maintenance Cost/Year* \$4,553.53
*From 2013-2016



<b>Needs for New Engine</b>
1500 GPM
750 Water
450 Engine
Light / Tower
Generator

