

2017 - 2022 CAPITAL IMPROVEMENT PROGRAM

Lebanon, New Hampshire

PROJECT: AMBULANCE REPLACEMENTS

DEPARTMENT: Fire
PROJECT TITLE: LFD Ambulance Replacements
PURPOSE OF PROJECT REQUEST FORM: NEW PROJECT
DEPARTMENT PRIORITY: MANDATORY
LOCATION: Lebanon Fire Department

DESCRIPTION / JUSTIFICATION: The Lebanon Fire Department, through long-term planning, has developed a comprehensive vehicle replacement program. This program allows fire department vehicles and apparatus to remain current with industry standards, reduces maintenance costs and maintains reliable emergency vehicles. In addition to fire apparatus the replacement schedule addresses other vehicles, such as staff vehicles, fire alarm bucket truck and ambulances.

Ambulances are scheduled for replacement at intervals of 8 years or 100,000 miles. There are no industry standards that outline a typical replacement cycle for ambulances. The LFD's replacement schedule is based on several factors: (1) Trade-in value for used ambulances decreases significantly after 7-8 years; (2) After 100,000 miles a high level of maintenance costs have been experienced in relation to the estimated value of the ambulance; (3) Equipment must be reliable and readily available.

It should be noted that ambulance billing revenues cover some of the amortized replacement costs including new stretcher, new stair chair and new mobile radio.

Estimated life cycle is 8 years.

FINANCIAL PLAN AND PROJECT SCHEDULE:

	<u>Prior</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2017-2022</u>	<u>Total</u>
EXPENDITURES									
Property/Equipment Acquisition	\$0	\$0	\$0	\$0	\$265,000	\$0	\$290,000	\$555,000	\$555,000
TOTAL	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$265,000</u>	<u>\$0</u>	<u>\$290,000</u>	<u>\$555,000</u>	<u>\$555,000</u>
FUNDING									
Capital Reserve Fund									
Fire Department Equipment and Vehicles	\$0	\$0	\$0	\$0	\$265,000	\$0	\$290,000	\$555,000	\$555,000
TOTAL	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$265,000</u>	<u>\$0</u>	<u>\$290,000</u>	<u>\$555,000</u>	<u>\$555,000</u>
FUNDING SUMMARY									
Capital Reserve Fund									
TOTAL	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$265,000</u>	<u>\$0</u>	<u>\$290,000</u>	<u>\$555,000</u>	<u>\$555,000</u>

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RESPONSIBLE FUND:	Prior	2017	2018	2019	2020	2021	2022	2017-2022	Total
General	\$0	\$0	\$0	\$0	\$265,000	\$0	\$290,000	\$555,000	\$555,000
TOTAL	\$0	\$0	\$0	\$0	\$265,000	\$0	\$290,000	\$555,000	\$555,000
CAPITAL RESERVE FUNDS:									
Fire Department Equipment/Vehicles			<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Beginning Balance			\$170,695	\$80,695	\$110,695	\$230,695	\$360,695	\$345,695	\$445,695
Additions:			\$210,000	\$220,000	\$230,000	\$240,000	\$250,000	\$260,000	\$270,000
Withdrawals:			(\$300,000)						
2017-2022 CIP Radio Equipment			\$0	(\$100,000)	\$0	\$0	\$0	\$0	\$0
2017-2022 CIP Station Alerting System			\$0	\$0	(\$110,000)	\$0	\$0	\$0	\$0
2017-2022 CIP Staff Vehicle Replacements			\$0	(\$90,000)	\$0	\$0	\$0	\$0	\$0
2017-2022 CIP Ambulance Replacements			\$0	\$0	\$0	\$0	(\$265,000)	\$0	(\$290,000)
2017-2022 CIP Personal Protective Equipment Replacement			\$0	\$0	\$0	(\$110,000)	\$0	\$0	\$0
2017-2022 CIP Forestry Unit Acquisition			\$0	\$0	\$0	\$0	\$0	(\$100,000)	\$0
2017-2022 CIP F-350 Utility Vehicle Replacement			\$0	\$0	\$0	\$0	\$0	(\$60,000)	\$0
Estimated Ending Balance			\$80,695	\$110,695	\$230,695	\$360,695	\$345,695	\$445,695	\$425,695
Tax Rate Impact for Single Family Residence Valued for Tax Purposes at \$250,000			\$27.85	\$29.03	\$30.20	\$31.35	\$32.49	\$33.63	\$34.75

NOTE1: Excludes current year portfolio changes. NOTE2: New Hampshire law allows municipalities to raise and appropriate money to establish a capital reserve fund, reserve fund or trust fund; to finance in whole or in part capital improvements, including the acquisition of buildings, land and equipment, general property assessment update, tax maps and municipal and regional transportation improvements; for the maintenance and operation of a specific public facility or type of facility, a specific item or type of equipment; to establish municipal transportation improvement reserves; to create trust funds for the maintenance and operation of the city and any other public purpose that is not foreign to the city's institution or incompatible with the objects of its organization.