

2017 Capital Improvement Budget Fire Department

(in thousands)

Projects	Bonds	State	Federal	Other	Total
Fire Engine Replacement	1,800	-	-	-	1,800
Fire New Ambulance Purchase	650	-	-	-	650
Fire Staff Vehicle Replacement	-	-	-	360	360
Total	2,450	-	-	360	2,810

2017 - 2022 Capital Improvement Program Fire Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Anchorage Fire						
Fire Air Resources Equipment Replacement	2018	2,500	-	-	226	2,726
Fire Engine Replacement	2017	1,800	-	-	-	1,800
	2019	2,400	-	-	-	2,400
	2021	2,500	-	-	-	2,500
		6,700	-	-	-	6,700
Fire Ladder Truck Replacement	2018	1,800	-	-	-	1,800
Fire New Ambulance Purchase	2017	650	-	-	-	650
Fire Staff Vehicle Replacement	2017	-	-	-	360	360
	2018	-	-	-	200	200
	2019	-	-	-	160	160
	2020	-	-	-	440	440
	2021	-	-	-	120	120
	2022	-	-	-	160	160
		-	-	-	1,440	1,440
Fire Water Tender Replacement	2020	850	-	-	-	850
Emergency Medical Services						
Fire Ambulance Replacement	2018	900	-	-	-	900
	2019	700	-	-	-	700
	2020	900	-	-	-	900
	2021	720	-	-	-	720
	2022	950	-	-	-	950
		4,170	-	-	-	4,170
Fire Lifepack 12 Cardiac Monitors Replacement	2018	110	-	-	-	110
	2019	110	-	-	-	110
	2020	110	-	-	-	110
	2021	110	-	-	-	110
		440	-	-	-	440
Total		17,110	-	-	1,666	18,776

Fire Air Resources Equipment Replacement

Project ID	AFD2015001	Department	Fire
Project Type	Upgrade	Start Date	May 2017
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Anchorage Fire Service Area	End Date	December 2018

Description

This project would replace the entire inventory of Self-Contained Breathing Apparatus (SCBAs) for Anchorage Fire Department and replace the air compressors required to support the equipment. The fire department seeks SCBA's that provide reliable in-mask communications and comply with the current national standards. The AFD has \$226,000 that is intended as a match to the funding of this project.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	2,500	-	-	-	-	2,500
Contributions from Other Funds	431800 - Anchorage Fire SA CIP Contributions	-	226	-	-	-	-	226
Total (in thousands)		-	2,726	-	-	-	-	2,726

Fire Ambulance Replacement

Project ID	AFD07008	Department	Fire
Project Type	Replacement	Start Date	May 2018
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	December 2018

Description

Programmed replacement of Areawide EMS MICU ambulances to provide basic and advanced life support services and transport patients throughout the Municipality of Anchorage. Replace MICU ambulances in accordance with the department's vehicle replacement plan. Ambulances are heavily used and incur high levels of mileage. Ambulances are replaced approximately every 7 years.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	-	900	700	900	720	950	4,170
Total (in thousands)		-	900	700	900	720	950	4,170

Fire Engine Replacement

Project ID	AFD07011	Department	Fire
Project Type	Replacement	Start Date	May 2017
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Anchorage Fire Service Area	End Date	December 2017

Description

This project is to replace Fire Engine(s) in accordance with AFD's apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of front line fire apparatus. The Engine Company is the most common apparatus in the fleet and carries a pump, water tank, and fire hose. It responds to all types of emergencies including fires and medical emergencies. Engine Companies typically have a lifespan of 15 years or 150,000 miles. The Municipality is requesting funding to replace two Engine Companies in 2017, and may include tools, equipment and fire hose.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	1,800	-	2,400	-	2,500	-	6,700
Total (in thousands)		1,800	-	2,400	-	2,500	-	6,700

Fire Ladder Truck Replacement

Project ID	AFD07018	Department	Fire
Project Type	Replacement	Start Date	May 2018
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Anchorage Fire Service Area	End Date	December 2018

Description

This project is to replace front line ladder truck companies in accordance the AFD's apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of front line fire apparatus. The truck company carries a ladder, pump and hose. It responds to all types of emergencies including fire and medical emergencies.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,800	-	-	-	-	1,800
Total (in thousands)		-	1,800	-	-	-	-	1,800

Fire Lifepack 12 Cardiac Monitors Replacement

Project ID	AFD07022	Department	Fire
Project Type	Replacement	Start Date	May 2018
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	December 2021

Description

Area wide EMS replacement of five (5) LifePack 12 cardiac monitors with new upgraded units for AFD.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	-	110	110	110	110	-	440
Total (in thousands)		-	110	110	110	110	-	440

Fire New Ambulance Purchase

Project ID	FD2017002	Department	Fire
Project Type	New	Start Date	May 2017
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	December 2017

Description

Acquisition of two (2) Areawide EMS Ambulances to provide Basic Life Support services and transport patients throughout the Municipality of Anchorage. Ambulances are heavily used and incur high levels of mileage. An increase to the municipal tax cap limitation to pay associated ongoing operations and maintenance costs of staffing vehicles at an annual cost of \$2.3M for 14 EMTs at \$165K each.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	650	-	-	-	-	-	650
Total (in thousands)		650	-	-	-	-	-	650

O & M Costs

Straight Time Labor	2,310	2,310	2,310	2,310	2,310	2,310	2,310	13,860
Total (in thousands)	2,310	2,310	2,310	2,310	2,310	2,310	2,310	13,860

Fire Staff Vehicle Replacement

Project ID	AFD07009	Department	Fire
Project Type	Replacement	Start Date	January 2017
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Anchorage Fire Service Area	End Date	December 9999

Description

Programmed replacement of staff vehicles. This would allow for replacement of staff vehicles that have excessive mileage, suffer from unreliable performance, and have repairs that exceed the value of the vehicle. Budget 2017 is based on nine (9) vehicles at a cost of \$40K each. The criteria for determining the future replacement of vehicles is if they have over 150K miles or are over 15 years old.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Contributions from Other Funds	431800 - Anchorage Fire SA CIP Contributions	360	200	160	440	120	160	1,440
Total (in thousands)		360	200	160	440	120	160	1,440

Fire Water Tender Replacement

Project ID	AFD07023	Department	Fire
Project Type	Replacement	Start Date	May 2020
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Anchorage Fire Service Area	End Date	December 2020

Description

This project is to replace water tenders. Water tenders are used to shuttle water areas without fire hydrants.

Version 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	-	-	850	-	-	850
Total (in thousands)		-	-	-	850	-	-	850
