2024 Capital Improvement Budget Fire Department

(in thousands)

	Bonds	State	Federal	Other	Total
	700	-	-	-	700
Total	700	-	-	-	700
	 Total	700	700 -	700	700

2024 - 2029 Capital Improvement Program Fire Department

(in thousands)

rojects	Year	Bonds	State	Federal	Other	Total
Emergency Medical Services						
Fire Ambulance Replacement	2024	700	-	-	-	700
	2025	500	-	-	-	500
	2026	700	-	-	-	700
	2027	500	-	-	-	500
	2028	700	-	-	-	700
	2029	500	-	-	-	500
		3,600	-	-	-	3,600
Fire - Anchorage						
Fire Engine Replacement	2025	1,200	-	-	-	1,200
	2026	1,200	-	-	-	1,200
	2028	1,250	-	-	-	1,250
		3,650	-	-	-	3,650
Fire Specialty Response Vehicles	2025	1,000	-	-	-	1,000
Fire Station #11 in Eagle River - Replace	2025	1,500	-	-	-	1,500
	2026	6,500	-	-	-	6,500
		8,000	-	-	-	8,000
Fire Station #12 - Replace	2025	1,500	-	-	-	1,500
	2026	9,500	-	-	-	9,500
		11,000	-	-	-	11,000
Fire Station #16 - New	2025	500	-	-	-	500
	2026	6,500	-	-	-	6,500
		7,000	-	-	-	7,000
Fire Stations #8 and #10 Upper Hillside - Replace/Combine	2026	1,500	-	-	-	1,500
	2027	6,500	-	-	-	6,500
		8,000	-	-	-	8,000
Fire Training Center Burn Prop and Audio Visual Refresh	2025	750	-	-	-	750
Fire Water Tender Replacement	2025	1,200	-	-	-	1,200
	2028	600	-	-	-	600
	_	1,800	-	-	-	1,800
Fire Watercraft Rescue Equipment	2025	100		-	-	100
	Total	44,900	-	-	-	44,900

Fire Ambulance Replacement

Project ID	AFD07008	Department	Fire
Project Type	Replacement	Start Date	May 2018
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 9999
Community Council			

Description

Programmed replacement of Areawide Emergency Medical Service (EMS) Medical Intensive Care Unit (MICU) ambulances to provide basic and advanced life support services and transport patients throughout the Municipality of Anchorage. Replacement of MICU ambulances will be in accordance with the Anchorage Fire Department's (AFD) vehicle replacement plan. Ambulances are heavily used and incur high levels of mileage. Ambulances are replaced approximately every 7 years.

This will be the final year of purchasing new ambulances as we begin doing a re-chassis allowing us to refresh two ambulances for the cost of a new one.

Comments

There are 13 ambulances that serve within the Anchorage Areawide Service Area; they are located at:

Fire Station #1 - three (3) Fire Station #3 - one (1) Fire Station #4 - two (2) Fire Station #5 - one (1) Fire Station #6 - two (2) Fire Station #7 - one (1) Fire Station #9 - one (1) Fire Station #11 - one (1) Fire Station #12 - one (1)

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	700	500	700	500	700	500	3,600
Total (in thousands)		700	500	700	500	700	500	3,600

Fire Engine Replacement

Project ID	AFD07011	Department	Fire
Project Type	Replacement	Start Date	May 2017
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 9999
Community Council			

Description

This project is to replace Fire Engine(s) in accordance with Anchorage Fire Department's (AFD) apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of front line fire apparatus. The Fire Engine 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. Fire Engines typically have a lifespan of 15 years or 150,000 miles.

The Municipality is requesting funding for Fire Engines to replace two (2) in 2025, two (2) in 2026, and two (2) in 2028 that may include tools, equipment, and fire hose.

Comments

There are 14 Fire Engines that serve within the Anchorage Fire Service Area; they are located at:

Fire Station #1 - two (2) Fire Station #3 - one (1) Fire Station #4 - one (1) Fire Station #5 - one (1) Fire Station #6 - one (1) Fire Station #7 - one (1) Fire Station #8 - one (1) Fire Station #9 - one (1) Fire Station #10 - one (1) Fire Station #11 - one (1) Fire Station #12 - one (1) Fire Station #14 - one (1) Fire Station #15 - one (1)

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,200	1,200	-	1,250	-	3,650
Total (in thousands)		-	1,200	1,200	-	1,250	-	3,650

Fire Specialty Response Vehicles

Project ID	FD2019001	Department	Fire
Project Type	Replacement	Start Date	May 2023
District	Assembly: Areawide	End Date	December 2025

Community Council

Description

This project is to replace the Specialty Team Response Vehicles in accordance with Anchorage Fire Department's (AFD) apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of front-line fire apparatus. Front line fire apparatus typically have a lifespan of 20 years or 150,000 miles.

The Municipality is requesting funding to replace three (3) Specialty Tean Response Vehicles.

Comments

There are three (3) Specialty Team Response Vehicles that serve within the Anchorage Fire Service Area: one (1) Hazmat Response Vehicle located at Fire Station #1, one (1) Front Country Rescue Vehicle located at Station #9, and one (1) Urban Search and Rescue Vehicle located at Station #3.

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,000	-	-	-	-	1,000
Total (in thousands)	_	-	1,000	-	-	-	-	1,000

Fire Station #11 in Eagle River - Replace

Project ID	FD2019003	Department	Fire
Project Type	Replacement	Start Date	May 2024
District	Assembly: Section 3, West, Seats D & E, 25-M: Abbott, 27-N: Basher	End Date	
Community Council	Sand Lake, Taku/Campbell		

Description

This would replace Fire Station #11 in Eagle River. This will be a relocation that will require land acquisition.

The Municipality is requesting funding for the planning, design, and land purchase in the amount of \$1.5M in 2025, and construction cost of \$6.5M in 2026.

Comments

This station houses a ladder truck company, an engine company, a medic unit, and a tender. The current station structure was a temporary building meant to be replaced within five years. It has been occupied since 2001. There are structural issues as it is located on unstable ground.

The operations and maintenance (O&M) costs for this new fire station may include electric, gas, and water utilities and maintenance and operating supplies and labor, and will be dependent on the site, size, and features of the new fire station. It should be offset by the cost of the current Fire Station #11 once it is no longer being used.

Version 2024 Appro	ved							
		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,500	6,500	-	-	-	8,000
Total (in thousands)	_	-	1,500	6,500	-	-	-	8,000

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Fire Station #12 - Replace

Project ID	AFD2019001	Department	Fire
Project Type	Replacement	Start Date	May 2025
District	Assembly: Section 3, West, Seats D & E, 25-M: Abbott, 27-N: Basher, Tax: 19 - Upper OMalley LRSA	End Date	December 2027
Community Council	Sand Lake, Taku/Campbell		

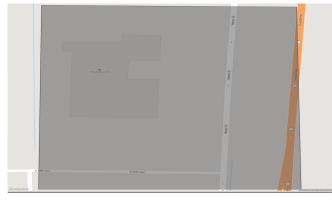
Description

This funding would replace and relocate the front line response of a ladder truck company, an engine company, a medic unit, and Battalion Chief from the current Fire Station #12. This will be a relocation that will require land acquisition. The first year will be spent on site selection along with the land acquisition.

Comments

Fire Station #12 houses the Fire 911 Dispatch, Fire data servers, management information systems, and records. A ladder truck company, an engine company, a medic unit, and Battalion Chief are also housed at Fire Station #12.

The operations and maintenance (O&M) costs for this new fire station may include electric, gas, and water utilities and maintenance and operating supplies and labor and will be dependent on the site, size, and features of the new fire station. It should be offset by the cost of the current Fire Station #12 once it is longer being used.



		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,500	9,500	-	-	-	11,000
Total (in thousands)	—	-	1,500	9,500	-	-	-	11,000

Fire Station #16 - New

Project ID	AFD2013005	Department	Fire
Project Type	New	Start Date	January 2025
District	Assembly: Areawide	End Date	December 2028

Community Council

Description

This is for a site survey to build a new fire station at a strategic location for identified underserved areas within the Anchorage Fire Service Area. The goal is a location that would facilitate the emergency services arriving at emergencies within 4 minutes, 90% of the time. This project is being presented in phases; the first phase is evaluation of location and possible land and in a future year the Anchorage Fire Department will secure funding for the construction of the fire station.

Comments

The operations and maintenance (O&M) costs for this new fire station may include electric, gas, and water utilities and maintenance and operating supplies and labor, and will be dependent on the site, size, and features of the new fire station.

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	500	6,500	-	-	-	7,000
Total (in thousands)	—	-	500	6,500	-	-	-	7,000

Fire Stations #8 and #10 Upper Hillside - Replace/Combine

Project ID	FD2019004	Department	Fire
Project Type	Replacement	Start Date	May 2026
District	Assembly: Section 3, West, Seats D & E, 25-M: Abbott, 27-N: Basher	End Date	
Community Council	Sand Lake, Taku/Campbell		

Description

This would replace/combine Fire Stations #8 and #10 on the Upper Hillside of Anchorage. This will be a relocation that will require land acquisition.

Consolidation of response resources on the Upper Hillside would improve efficiencies and reduce operational cost.

Comments

Fire Stations #8 and #10 each house an engine company and a tender. Fire Station #10 has a long history of well water problems and has delivered bottled drinking water.

The operations and maintenance (O&M) costs for this new fire station may include electric, gas, and water utilities and maintenance and operating supplies and labor and will be dependent on the site, size, and features of the new fire station. It should be offset by the cost of the current Fire Stations #8 and #10 once they are no longer being used.

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	-	1,500	6,500	-	-	8,000
Total (in thousands)	—	-	-	1,500	6,500	-	-	8,000

Fire Training Center Burn Prop and Audio Visual Refresh

Project ID	FD2019002	Department	Fire
Project Type	Replacement	Start Date	May 2023
District	Assembly: Section 3, West, Seats D & E, 25-M: Abbott, 27-N: Basher	End Date	December 2025
Community Council	Sand Lake, Taku/Campbell		

Description

Replace the current Burn Prop due to significant maintenance and need for update at the Anchorage Fire Department (AFD) Training Center. Burn Prop is a computer-controlled fire training device used to simulate structure fire conditions using natural gas to provide a controllable fire environment.

Comments

Need newer and more effective technology. The operations and maintenance (O&M) costs may include subscription, upgrade, and other ongoing costs that should be offset by any similar costs of the current technology once it is longer being used.

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		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	750	-	-	-	-	750
Total (in thousands)		-	750	-	-	-	-	750

Fire Water Tender Replacement

Project ID	AFD07023	Department	Fire
Project Type	Replacement	Start Date	May 2020
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 9999
Community Council			

Description

This project is to replace front line water tenders in accordance with the Anchorage Fire Department's (AFD) apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of frontline fire apparatus. The standard is for water tenders to be in front line operational service for the first 20 years and in reserve status for another 5 years, for a total of 25 years of service. Water tenders are used to shuttle water to areas without fire hydrants.

The Municipality is requesting funding for water tenders to replace two (2) in 2025 and one (1) in 2028, that may include tools, equipment, and hose.

Comments

There are 5 water tenders that serve within the Anchorage Fire Service Area; they are located at:

Fire Station #8 - one (1) Fire Station #9 - one (1) Fire Station #10 - one (1) Fire Station #11 - one (1) Fire Station #14 - one (1)

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,200	-	-	600	-	1,800
Total (in thousands)	_	-	1,200	-	-	600	-	1,800

Fire Watercraft Rescue Equipment

Project ID	AFD2011003	Department	Fire
Project Type	New	Start Date	May 2025
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 2025
Community Council	Areawide		

Description

This project will purchase a rescue watercraft for use in the inlet, lakes, rivers, and shallow water applications. The Anchorage Fire Department maintains a Swift Water Rescue team at Fire Station #11 and Water Rescue team at Fire Station #4, that respond to water rescue calls throughout the Municipality.

These funds will be used to purchase or replace specialized watercraft used by these teams.

Version 2024 Approved								
		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	100	-	-	-	-	100
Total (in thousands)	—	-	100	-	-	-	-	100