

**2013 Capital Improvement Budget
Anchorage Fire Department**

(in thousands)

Projects	Bonds	State	Federal	Other	Total
AFD Dry Suit Replacement	-	20	-	-	20
Fire 4-Wheeler Emergency Rescue Equipment	-	15	-	-	15
Fire Ambulance Replacement	795	-	-	-	795
Fire Engine Replacement - Chugiak	-	450	-	100	550
Fire Essential Facilities Fuel Upgrades	-	990	-	-	990
Fire Hurst Extrication Equipment	-	105	-	-	105
Fire Rescue Struts Replacement	-	40	-	-	40
Fire Station 10 Water Improvement	-	75	-	-	75
Fire Station 41 Renovation - Girdwood	-	4,500	-	-	4,500
Fire Training Center Equipment	-	50	-	-	50
Fire Training Center Equipment - Safety	-	140	60	-	200
Fire Training Center Equipment - Vehicle Fire Prop	-	75	-	-	75
Fire Water Tender Replacement	-	650	-	-	650
Fire Wildland Fire Apparatus Replacement	-	350	-	-	350
Total	795	7,460	60	100	8,415

**2013 - 2018 Capital Improvement Program
Anchorage Fire Department**

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Emergency Medical Services						
Fire Ambulance Replacement	2013	795	-	-	-	795
	2014	805	-	-	-	805
	2015	825	-	-	-	825
	2016	650	-	-	-	650
	2017	900	-	-	-	900
	2018	900	-	-	-	900
		<u>4,875</u>	-	-	-	<u>4,875</u>
Anchorage Fire						
AFD Dry Suit Replacement	2013	-	20	-	-	20
Fire 4-Wheeler Emergency Rescue Equipment	2013	-	15	-	-	15
Fire Emergency Response Command Vehicles Replacement	2015	-	250	-	-	250
	2017	-	250	-	-	250
		-	<u>500</u>	-	-	<u>500</u>
Fire Engine Replacement	2014	-	750	-	-	750
	2015	-	750	-	-	750
	2016	-	800	-	-	800
	2017	-	800	-	-	800
	2018	-	850	-	-	850
		-	<u>3,950</u>	-	-	<u>3,950</u>
Fire Essential Facilities Fuel Upgrades	2013	-	990	-	-	990
Fire Hurst Extrication Equipment	2013	-	105	-	-	105
Fire Ladder Truck Replacement	2014	-	1,200	-	-	1,200
	2015	-	1,250	-	-	1,250
	2017	-	1,300	-	-	1,300
		-	<u>3,750</u>	-	-	<u>3,750</u>
Fire Rescue Struts Replacement	2013	-	40	-	-	40
Fire Station 10 Water Improvement	2013	-	75	-	-	75
Fire Training Center Equipment	2013	-	50	-	-	50
	2014	-	180	-	-	180
	2015	-	275	-	-	275
	2016	-	250	-	-	250
	2017	-	500	-	-	500
	2018	-	100	-	-	100
		-	<u>1,355</u>	-	-	<u>1,355</u>

**2013 - 2018 Capital Improvement Program
Anchorage Fire Department**

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Fire Training Center Equipment - Safety	2013	-	140	60	-	200
	2014	-	50	-	-	50
	2015	-	50	-	-	50
	2016	-	50	-	-	50
	2017	-	50	-	-	50
	2018	-	50	-	-	50
			-	390	60	-
Fire Training Center Equipment - Vehicle Fire Prop	2013	-	75	-	-	75
Fire Training Center Window Replacement	2014	-	200	-	-	200
Fire Water Tender Replacement	2013	-	650	-	-	650
	2014	-	650	-	-	650
	2015	-	650	-	-	650
	2017	-	750	-	-	750
			-	2,700	-	-
Fire Wildland Fire Apparatus Replacement	2013	-	350	-	-	350
Chugiak Fire						
Fire Engine Replacement - Chugiak	2013	-	450	-	100	550
Fire Water Tender Replacement - Chugiak	2014	-	550	-	100	650
Fire Girdwood Engine Replacement	2014	-	-	-	700	700
	2015	-	-	-	700	700
			-	-	-	1,400
Girdwood Fire						
Fire Station 41 Renovation - Girdwood	2013	-	4,500	-	-	4,500
Total		4,875	20,015	60	1,600	26,550

AFD Dry Suit Replacement

Project ID: AFD2012005 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** April 2013
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
 Community: Areawide

Description:

This project would be used to replace the current supply of dry suits for Station 1 (Downtown) and St. 9 (Huffman). These stations respond to mud rescues in Turnagain and Knik Arm. These dry suits are for surface rescue only and would be worn in conjunction with the personal flotation devices (PFD's) for fire fighter safety. The current supply are showing wear and/or holes. The Turnagain Arm is notorious for having some of the highest tides in North America and consequently a bore tide to go along with it. This water is very cold and moves swiftly as a result of the tides. AFD feel that to safely perform rescues on or around the waters of Turnagain Arm, rescuers should have dry suits as protection to prevent the rescuer from becoming hypothermic. Station 9 routinely responds to kite surfers, people fishing around Bird Creek and vehicles that have crashed off the roadway and ended up in the water along Turnagain Arm.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	20	-	-	-	-	-	20
Project Total:	20	-	-	-	-	-	20

Fire 4-Wheeler Emergency Rescue Equipment

Project ID: AFD2012006 **Dept:** Anchorage Fire Department
Project Type: New **Start Date:** April 2013
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
 Community: Areawide

Description:

This project is to purchase a new 4-wheeler to be used primarily by AFD Station 7 to assist in search and rescue in Kincaid Park. Small trails and long distances make it difficult to respond to medical emergencies in the large park. The 4 wheeler would facilitate a quicker more efficient response.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	15	-	-	-	-	-	15
Project Total:	15	-	-	-	-	-	15

Fire Ambulance Replacement

Project ID: AFD07008 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** April 2013
Location: Assembly: Areawide, House: District **End Date:** December 2013
 50-Anchorage Areawide, Community: Areawide

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 departments vehicle replacement plan. Ambulances are heavily used and incur high levels of mileage. Ambulances are replaced approximately every 7 years.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
Bond Proceeds	795	805	825	650	900	900	4,875
Project Total:	795	805	825	650	900	900	4,875

Fire Emergency Response Command Vehicles Replacement

Project ID: AFD07009 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** April 2015
Location: Assembly: Areawide, House: District **End Date:** December 2015
 50-Anchorage Areawide, Community: Areawide

Description:

Programmed replacement of Emergency Response Command vehicles.

AFD has a replacement schedule for first response equipment. This grant would allow for a rotating replacement of command staff response vehicles

Comments:

Replace two response command units every two years

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	-	-	250	-	250	-	500
Project Total:	-	-	250	-	250	-	500

Fire Engine Replacement

Project ID: AFD07011 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** May 2013
Location: Assembly: Areawide, House: District **End Date:** July 2014
50-Anchorage Areawide, Community: Anchorage
Fire Service Area

Description:

This project is to replace a Fire Engine in accordance with AFD's apparatus replacement schedule; AFD replaces one each year. 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 one Engine Company, to include all tools, equipment and fire hose needed to supply the apparatus.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	-	750	750	800	800	850	3,950
Project Total:	-	750	750	800	800	850	3,950

Fire Engine Replacement - Chugiak

Project ID: AFD07014 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** April 2011
Location: Assembly: Section 2, Seats A & C, House: District 11-Butte/Chugiak, House: District 12-Eagle River, Community: Birchwood, Community: Chugiak, Community: Eklutna Valley, Community: Eagle River, Community: Eagle River Valley **End Date:** July 2013

Description:

This project will refurbish the existing Fire Engine for Chugiak Volunteer Fire Department . The cost to refurbish is approximately half the price of a new apparatus. The refurbishment will include an upgrade to install a compressed air foam system. As the Chugiak Fire Service Area is predominantly without water hydrants , the addition of fire retardant foam from the CAP system combined with the stored water allows for enhanced fire suppression capabilities.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
Contributions Other Funds	100	-	-	-	-	-	100
State Grant Revenue - Direct	450	-	-	-	-	-	450
Project Total:	550	-	-	-	-	-	550

Fire Essential Facilities Fuel Upgrades

Project ID: AFD2012003 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** April 2013
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
 Community: Areawide

Description:

This project includes the design and construction to upgrade and/or replace essential fueling systems and equipment for 14 each Anchorage Fire Department facilities. The project would also provide critical fuel needs for AFD and other response agencies during and immediately following a disaster. Additionally, the project would update AFD fueling facilities to meet the latest local codes, regulatory requirements, and provide updated fuel leak detection and accountability with fuel use reporting back to a centralized fuel management system.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	990	-	-	-	-	-	990
Project Total:	990	-	-	-	-	-	990

Fire Girdwood Engine Replacement

Project ID: AFD10998 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** September 2014
Location: House: District 27-South Anchorage, Community: Girdwood Valley, Community: Portage **End Date:** September 2015

Description:

Replacement of Engine 41 and Rescue 4, the 2 primary Girdwood response apparatus

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
Contributions Other Funds	-	700	700	-	-	-	1,400
Project Total:	-	700	700	-	-	-	1,400

Fire Hurst Extrication Equipment

Project ID: AFD10997 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** May 2013
Location: Community: Anchorage Fire Service Area **End Date:** December 2013

Description:

This project would purchase three eDraulic extrication tools to outfit the remaining Ladder Truck companies in AFD with this rescue tool. This tool is battery powered, increasing its portability and convenience of use. The tool is similar to the Jaws Of Life and would assist in the rapid extrication of victims entrapped in vehicles or collapsed buildings/structures, including fire fighters. The AFD has purchased three of these tools in the past two years and has found them to be very reliable and efficient.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	105	-	-	-	-	-	105
Project Total:	105	-	-	-	-	-	105

Fire Ladder Truck Replacement

Project ID: AFD07018 **Dept:** Anchorage Fire Department

Project Type: Replacement **Start Date:** April 2014

Location: **End Date:** July 2015

Description:

Replace front line ladder truck in accordance with the apparatus replacement schedule.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	-	1,200	1,250	-	1,300	-	3,750
Project Total:	-	1,200	1,250	-	1,300	-	3,750

Fire Rescue Struts Replacement

Project ID: AFD2012007 **Dept:** Anchorage Fire Department
Project Type: Renovation **Start Date:** April 2013
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
 Community: Areawide

Description:

Currently AFD has 6 sets of steel struts on each of the Rescue 42's. Four of those sets are on front-line apparatus (Trucks 1, 3, 5, and Rescue 9) that are in need of replacement. The Kevlar composite struts have many benefits over the steel ones; the main ones are that composite is ½ the weight with 4 times the strength, and much more resistant to environmental damage. There is a credit being applied to trading in the older steel struts toward the composite set.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	40	-	-	-	-	-	40
Project Total:	40	-	-	-	-	-	40

Fire Station 10 Water Improvement

Project ID: AFD07010 **Dept:** Anchorage Fire Department
Project Type: Improvement **Start Date:** September 2010
Location: Assembly: Section 4, Seats F & G, Assembly: Section 5, Seats H & I, House: District 27-South Anchorage, Community: Basher, Community: Campbell Park, Community: Scenic Foothills, Community: University Area **End Date:** December 2010

Description:

The Rabbit Creek Fire Station #10 currently does not have potable water from their well. This project would be to test for, drill and install a new well for potable water for the station.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	75	-	-	-	-	-	75
Project Total:	75	-	-	-	-	-	75

Fire Station 41 Renovation - Girdwood

Project ID: AFD2012002 **Dept:** Anchorage Fire Department
Project Type: Renovation **Start Date:** May 2013
Location: House: District 27-South Anchorage, Community: Girdwood Valley **End Date:** December 2014

Description:

It is the desire of the Girdwood Fire Department to obtain State of Alaska funding which would be used to repair and modify Girdwood Fire Station 41. Modifications would include sleeping quarters to allow us to have responders on site 24 hours a day. Such modifications would bring our station up to date with Building code, OSHA, NFPA, and ADA requirements as well as create a safer environment for our community as well as our first responders.

Comments:

The Girdwood Fire Department is requesting State of Alaska funding which would be used to repair and modify Girdwood Fire Station with:

- Additional Apparatus Bays
- Dormitory facilities
- Training Area
- Additional Office Space
- Decontamination Facilities
- ADA Conforming restrooms
- Storage

The estimated cost of this project is 4.5 million dollars

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	4,500	-	-	-	-	-	4,500
Project Total:	4,500	-	-	-	-	-	4,500

Fire Training Center Equipment

Project ID: AFD2012009 **Dept:** Anchorage Fire Department
Project Type: New **Start Date:** April 2013
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
 Community: Areawide

Description:

~The training gurney was pressed into service on an ambulance and never replaced. Training on the gurneys now requires putting a MICU on delay or out of service.
 ~Infants and pediatric patients present our emergency medical staff with challenging issues . This baby manikin will increase the scenario based training for infant and pediatric training thereby improving the care we provide to these patients. This will have a positive effect on patient outcomes .

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	50	180	275	250	500	100	1,355
Project Total:	50	180	275	250	500	100	1,355

Fire Training Center Equipment - Safety

Project ID: AFD2012010 **Dept:** Anchorage Fire Department
Project Type: New **Start Date:** April 2013
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
Community: Areawide

Description:

~Firefighters are required to wash their protective gear after an exposure to hazardous materials which are often encountered during all types of emergencies. Gear dryers will reduce the chance that firefighters at busy stations would be forced to respond in wet protective gear, reducing the occurrence of steam burns.

~It is vitally important that firefighters maintain a high level of fitness due to the physical nature of emergency response. Providing this equipment will allow firefighters to work out in a safe environment following a comprehensive schedule targeted to reduce injuries and increase health.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
Federal Revenue - Direct	60	-	-	-	-	-	60
State Grant Revenue - Direct	140	50	50	50	50	50	390
Project Total:	200	50	50	50	50	50	450

Fire Training Center Equipment - Vehicle Fire Prop

Project ID: AFD2012008 **Dept:** Anchorage Fire Department
Project Type: New **Start Date:** April 2013
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
 Community: Areawide

Description:

Vehicle fires are one of the leading types of fires to which AFD responds . A vehicle fire prop will improve our ability to train on suppression tactics which will improve firefighter safety on these types of fires.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	75	-	-	-	-	-	75
Project Total:	75	-	-	-	-	-	75

Fire Training Center Window Replacement

Project ID: AFD2012011 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** April 2014
Location: House: District 50-Anchorage Areawide, **End Date:** December 2014
 Community: Areawide

Description:

The windows in building A at the AFD Training Center are the original windows from the early 1980s. These windows are very drafty and increase our energy costs. There was not enough funding in the previous capital projects funding for this expense.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	-	200	-	-	-	-	200
Project Total:	-	200	-	-	-	-	200

Fire Water Tender Replacement

Project ID: AFD07023 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** May 2014
Location: Assembly: Areawide, House: District **End Date:** December 2015
 50-Anchorage Areawide, Community: Areawide

Description:

This project is to replace one apparatus in the aging water tender fleet. Water tenders are used to shuttle water areas without fire hydrants. They tend to have low mileage and are over 20 years old.

AFD has a water tender replacement schedule that follows national standards for replacement of front line fire apparatus.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	650	650	650	-	750	-	2,700
Project Total:	650	650	650	-	750	-	2,700

Fire Water Tender Replacement - Chugiak

Project ID: AFD114463 **Dept:** Anchorage Fire Department
Project Type: Replacement **Start Date:** January 2012
Location: Assembly: Section 2, Seats A & C, House: District 11-Butte/Chugiak, House: District 12-Eagle River, Community: Chugiak **End Date:** December 2012

Description:

This project will replace existing water tender, which has a failing pump and limited capacity. This tender was built in 1985 and is operated out of Chugiak Station 32. The new water tender will be equipped with a 3000 gallon tank, a 1250 gpm pump and portable tanks.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
Contributions Other Funds	-	100	-	-	-	-	100
State Grant Revenue - Direct	-	550	-	-	-	-	550
Project Total:	-	650	-	-	-	-	650

Fire Wildland Fire Apparatus Replacement**Project ID:** AFD07722 **Dept:** Anchorage Fire Department**Project Type:** Replacement **Start Date:** January 2013**Location:** **End Date:** December 2014**Description:**

This project would be to replace AFD's wild land fire apparatus with remote area fire response specifically designed to respond to wildland fires along the urban/forest interface where road access is often difficult. The "mini-pumper" currently assigned to Tudor/Baxter Road F/S #14 is aging to the point of needing replacement.

Comments:

Version: 2013 Proposed

	2013	2014	2015	2016	2017	2018	Total
Revenue Sources							
State Grant Revenue - Direct	350	-	-	-	-	-	350
Project Total:	350	-	-	-	-	-	350

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