

2012 Capital Improvement Budget Anchorage Fire Department

Project Title	Bonds	State	Federal	Other	Total
Chugiak VFD: Replace Water Tender	-	400	-	-	400
Command Response Vehicles Replacement-Green	-	315	-	-	315
MICU Ambulance Replacement Program	520	-	-	-	520
Personal Water Craft	-	40	-	40	80
Workstations	-	250	-	-	250
Replace Foam Trailers	-	110	-	-	110
Replacement Fire Engines: First Line Response	-	700	-	-	700
Replacement Hurst/Auto Extrication Equipment	-	35	-	-	35
Replacement Water Tenders: Front Line Response Units	-	650	-	-	650
Replacement Wildland Response Apparatus	-	400	-	-	400
Total	520	2,900	-	40	3,460

**2012-2017 Capital Improvement Program
Anchorage Fire Department**

Project Title	Year	Bonds	State	Federal	Other	Total
Emergency Medical Services						
MICU Ambulance Replacement Program	2012	520	-	-	-	520
	2013	1,040	-	-	-	1,040
	2014	825	-	-	-	825
	2015	825	-	-	-	825
	2016	650	-	-	-	650
	2017	900	-	-	-	900
		<u>4,760</u>	-	-	-	<u>4,760</u>
Anchorage Fire						
AFD/EOC Dispatch-"Turn-Key" Replacement	2014	1,750	-	-	-	1,750
Command Response Vehicles Replacement-Green	2012	-	315	-	-	315
Downtown Medic #2 - Service Expansion	2014	275	-	-	-	275
Personal Water Craft	2012	-	40	-	-	40
Replace Dispatch Center Furniture, Consoles and Workstations	2012	-	250	-	-	250
Replace Emergency Response Command Vehicles	2015	250	-	-	-	250
	2017	250	-	-	-	250
		<u>500</u>	-	-	-	<u>500</u>
Replace Foam Trailers	2012	-	110	-	-	110
Replacement Fire Engines: First Line Response	2012	-	700	-	-	700
	2013	700	-	-	-	700
	2014	750	-	-	-	750
	2015	750	-	-	-	750
	2016	800	-	-	-	800
	2017	800	-	-	-	800
		<u>3,800</u>	<u>700</u>	-	-	<u>4,500</u>
Replacement Hurst/Auto Extrication Equipment	2012	-	35	-	-	35
Replacement Ladder Trucks: First Line Response	2013	1,200	-	-	-	1,200
	2015	1,250	-	-	-	1,250
	2017	1,300	-	-	-	1,300
		<u>3,750</u>	-	-	-	<u>3,750</u>
Replacement Water Tenders: Front Line Response Units	2012	-	650	-	-	650
	2013	650	-	-	-	650
	2014	650	-	-	-	650
	2015	650	-	-	-	650
	2017	750	-	-	-	750
		<u>2,700</u>	<u>650</u>	-	-	<u>3,350</u>
Replacement Wildland Response Apparatus	2012	-	400	-	-	400
Wildfire Suppression- Helicopter Contract Funding	2013	-	10,500	-	-	10,500
	2014	-	1,000	-	-	1,000
	2015	-	1,000	-	-	1,000
		<u>-</u>	<u>12,500</u>	-	-	<u>12,500</u>

**2012-2017 Capital Improvement Program
Anchorage Fire Department**

Project Title	Year	Bonds	State	Federal	Other	Total
Chugiak Fire						
Chugiak VFD: Replace Water Tender	2012	-	400	-	40	440
Replacement Chugiak Fire Engines	2013	-	350	-	200	550
Girdwood Fire						
Replacement Girdwood Apparatus	2014	-	-	-	700	700
	2015	-	-	-	700	700
		-	-	-	1,400	1,400
Total		17,535	15,750	-	1,640	34,925

Anchorage Fire Department

AFD/EOC DISPATCH-"TURN-KEY" REPLACEMENT (AFD)

Project ID: AFD07004

Start Date: April 2012

End Date: December 2013

Description:

2012-Complete "turnkey" replacement of Computer Aided Dispatch (CAD)system and associated support equipment at both the Anchorage Fire Department Dispatch Center (currently housed at New Seward Highway Fire Station #12) and the Emergency Operations Center(EOC) backup dispatch facility.

2012-purchase and installation of 911 dispatch testing and evaluation capability.

2012-turnkey replacement of current AFD and EOC backup emergency 911 dispatch facilities.

Comments:

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
Bond Proceeds	0	0	1,750	0	0	0	1,750
Project Total:	0	0	1,750	0	0	0	1,750

O & M Costs

Anchorage Fire Department

CHUGIAK VFD: REPLACE WATER TENDER

Project ID: AFD114463

Project Type: Replacement

Start Date: January 2012

Location: Assembly: Section 2, Seats A & C, House: District
16-Chugiak/Southern Mat-Su, Community: Chugiak

End Date: December 2012

Description:

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. Replace with a new water tender with tank up to 3000 gallons, a 1250 gpm pump and portable tanks.

Comments:

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
Contributions Other Funds	40	0	0	0	0	0	40
State Grant Revenue - Direct	400	0	0	0	0	0	400
Project Total:	440	0	0	0	0	0	440

O & M Costs

Anchorage Fire Department

COMMAND RESPONSE VEHICLES REPLACEMENT-GREEN

Project ID: AFD2011002

Project Type: Replacement

Start Date: January 2012

Location: Assembly: Areawide, House: District 50-Anchorage
Areawide, Community: Areawide

End Date: December 2013

Description:

Replace the command staff (Fire Chief, Deputy Chiefs, and Assistant Chiefs) response vehicles with hybrid/green models. Existing command staff vehicles will be used to replace higher mileage staff vehicles .

Comments:

Legislative Scope:

Replace the command staff (Fire Chief, Deputy Chiefs, and Assistant Chiefs) response vehicles with hybrid/green models. Existing command staff vehicles will be used to replace higher mileage staff vehicles .

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
State Grant Revenue - Direct	315	0	0	0	0	0	315
Project Total:	315	0	0	0	0	0	315

O & M Costs

Anchorage Fire Department

Anchorage Fire Department

PERSONAL WATER CRAFT

Project ID: AFD2011003

Project Type: New

Start Date: January 2012

Location: Assembly: Areawide, House: District 50-Anchorage
Areawide, Community: Areawide

End Date: December 2012

Description:

Purchase two personal water craft for use in lakes, rivers and shallow water applications. The fire department maintains a water rescue team, which responds to water rescue calls throughout the Municipality. PWC will provide increased capability to respond in those places where large boats are unable to access.

Comments:

Legislative Scope:

Purchase two personal water craft for use in lakes, rivers and shallow water applications. The fire department maintains a water rescue team, which responds to water rescue calls throughout the Municipality. PWC will provide increased capability to respond in those places where large boats are unable to access.

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
State Grant Revenue - Direct	40	0	0	0	0	0	40
Project Total:	40	0	0	0	0	0	40
O & M Costs							
	1	2	2	2	2	2	11

Anchorage Fire Department

REPLACE AFD DISPATCH CENTER FURNITURE, CONSOLES AND WORKSTATIONS

Project ID: AFD2011004

Project Type: Replacement

Start Date: January 2012

Location: House: District 50-Anchorage Areawide, Community:
Areawide

End Date: December 2012

Description:

The AFD Dispatch Center provides 911 & radio communications services to the fire department. There are currently 5 workstations in the center, approximately 12 years old. The existing workstations provide improved ergonomics. The fire department the replacement workstations would enhance ergonomics and also provide the ability to control environmental factors like reduce noise, improved task lighting and more heating/cooling control for the user.

Comments:

Legislative Scope:

The AFD Dispatch Center provides 911 & radio communications services to the fire department. There are currently 5 workstations in the center, approximately 12 years old. The existing workstations provide improved ergonomics. The fire department the replacement workstations would enhance ergonomics and also provide the ability to control environmental factors like reduce noise, improved task lighting and more heating/cooling control for the user.

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
State Grant Revenue - Direct	250	0	0	0	0	0	250
Project Total:	250	0	0	0	0	0	250

O & M Costs

Anchorage Fire Department

REPLACE EMERGENCY RESPONSE COMMAND VEHICLES

Project ID: AFD07009

Project Type: Replacement

Start Date: April 2009

Location: Assembly: Areawide, House: District 50-Anchorage
Areawide, Community: Areawide

End Date: December 2010

Description:

Programmed replacement of EMERGENCY RESPONSE COMMAND VEHICLES.

Replace two response command units every two years

Comments:

Legislative Scope:

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

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
Bond Proceeds	0	0	0	250	0	250	500
Project Total:	0	0	0	250	0	250	500

O & M Costs

Anchorage Fire Department

REPLACE FOAM TRAILERS

Project ID: AFD2012001

Project Type: Replacement

Start Date: May 2012

Location: Assembly: Areawide, House: District 50-Anchorage
Areawide, Community: Areawide

End Date:

Description:

Replace foam tender

Comments:

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
State Grant Revenue - Direct	110	0	0	0	0	0	110
Project Total:	110	0	0	0	0	0	110

O & M Costs

Anchorage Fire Department

REPLACEMENT CHUGIAK FIRE ENGINES

Project ID: AFD07014

Project Type: Replacement

Start Date: April 2011

Location: Assembly: Section 2, Seats A & C, House: District
16-Chugiak/Southern Mat-Su, Community: Birchwood,
Community: Chugiak, Community: Eklutna Valley,
Community: Eagle River, Community: Eagle River Valley

End Date: July 2013

Description:

Programmed replacement of 2 fire engines. 2011:REFURBISH AND EXTEND THE SERVICE LIFE OF A 1993 E-ONE 1,500 GPM FIRE ENGINE. THE COST TO REFURBISH A FIRE ENGINE IS APPROXIMATELY HALF THE PRICE OF A NEW APPARATUS. THE REFURBISHMENT WILL INCLUDE AN UPGRADE TO THE FIRE ENGINE OF A COMPRESSED AIR FOAM SYSTEM. AS THE CHUGIAK FIRE SERVICE AREA IS PREDOMINANTLY WITHOUT WATER HYDRANTS, THE ADDITION OF FIRE RETARDANT FOAM FROM THE CAF SYSTEM COMBINED WITH THE STORED WATER ALLOWS FOR ENHANCED FIRE SUPPRESSION CAPABILITIES.

Delete "2011-replaces a 1988 Segraves engine, 2012 replaces a 1992 E-One engine" (12/1/10 fdjmd)

Comments:

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
Contributions Other Funds	0	200	0	0	0	0	200
State Grant Revenue - Direct	0	350	0	0	0	0	350
Project Total:	0	550	0	0	0	0	550
O & M Costs	20	0	0	0	0	0	20

Anchorage Fire Department

REPLACEMENT FIRE ENGINES: FIRST LINE RESPONSE (AFD)

Project ID: AFD07011

Project Type: Replacement

Start Date: April 2011

Location: Assembly: Areawide, House: District 50-Anchorage
Areawide, Community: Anchorage Fire Service Area

End Date: July 2015

Description:

Programmed replacement of first line fire engines

2011-Engine 1, 2003, KME (Downtown Station #1)

2012-Engine 3, 2003, KME (Airport Heights Road Fire Station #3)

2013-Engine 5, 2003 KME (Spenard Road Fire Station #5)

2014-Engine 4, 2005 KME (Tudor/McGuinness Fire Station #4)

2015-Engine 6, 2005 KME (Patterson/Debarr Fire Station #6)

Comments:

Legislative Scope:

NFPA recommends a 5-10 year lifespan on front line engines. The 11 year old Engine 2 and 17 year old Engine 8 well surpass the replacement schedule.

In 2008 Engine 2 responded to 2412 calls for service in Downtown Anchorage and the Port Area. By September 15, 2009 Engine 2 has responded to 1977 calls this year and currently has 106,000 miles. Engine 2 is the third busiest fire engine in AFD with a 22% increase in responses from 2008.

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
Bond Proceeds	0	700	750	750	800	800	3,800
State Grant Revenue - Direct	700	0	0	0	0	0	700
Project Total:	700	700	750	750	800	800	4,500

O & M Costs

Anchorage Fire Department

REPLACEMENT GIRDWOOD APPARATUS

Project ID: AFD10998

Project Type: Replacement

Start Date: September 2014

Location: House: District 32-Chugach State Park, Community:
Girdwood Valley, Community: Portage

End Date: September 2015

Description:

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

Comments:

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
Contributions Other Funds	0	0	700	700	0	0	1,400
Project Total:	0	0	700	700	0	0	1,400

O & M Costs

Anchorage Fire Department

REPLACEMENT HURST/AUTO EXTRICATION EQUIPMENT

Project ID: AFD10997

Project Type: Replacement

Start Date: September 2010

Location: Community: Anchorage Fire Service Area

End Date: December 2010

Description:

Replacement of 5 year old auto extrication equipment

Comments:

Legislative Scope:

Required replacement of worn pumps, shears, spreaders and hydraulic equipment

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
State Grant Revenue - Direct	35	0	0	0	0	0	35
Project Total:	35	0	0	0	0	0	35

O & M Costs

Anchorage Fire Department

REPLACEMENT WATER TENDERS: FRONT LINE RESPONSE UNITS (AFD)

Project ID: AFD07023

Project Type: Replacement

Start Date: April 2009

Location: Assembly: Areawide, House: District 50-Anchorage
Areawide, Community: Areawide

End Date: July 2014

Description:

Programmed replacement of water tenders

Comments:

Legislative Scope:

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

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
Bond Proceeds	0	650	650	650	0	750	2,700
State Grant Revenue - Direct	650	0	0	0	0	0	650
Project Total:	650	650	650	650	0	750	3,350

O & M Costs

Anchorage Fire Department

WILDFIRE SUPPRESSION- HELICOPTER CONTRACT FUNDING

Project ID: AFD09994

Project Type: New

Start Date: May 2009

Location: Assembly: Areawide, House: Community-wide, Community: Areawide

End Date: September 2012

Description:

For the last five years, MOA has funded a wildfire suppression helicopter in Anchorage during the summer season. This helicopter has supported the air resources of Alaska Division of Forestry and Department of Public Safety for state wildfire and search and rescue activities. Funding is needed to continue the helicopter as a joint resource partnership between the Anchorage Fire Department and Alaska Division of Forestry and possibly the Department of Public Safety.

Comments:

Wildfire Suppression grant requested would extend State/MOA wildfire mitigation and suppression activities beyond the limits of remaining Federal wildfire mitigation funds.

Legislative Scope:

Federal wildfire mitigation funding will be exhausted by the end of 2009. State funds would extend the life of the project and its goals to provide wildfire suppression and hazardous fuels mitigation in Anchorage .

	2012	2013	2014	2015	2016	2017	Total
Revenue Sources							
State Grant Revenue - Direct	0	10,500	1,000	1,000	0	0	12,500
Project Total:	0	10,500	1,000	1,000	0	0	12,500
O & M Costs	0	1,000	1,000	1,000	1,500	1,500	6,000