

FIRE

MUNICIPALITY OF ANCHORAGE
Capital Improvement Program
 PROJECT LIST BY DEPARTMENT

Anchorage Fire Department

PROJECT TITLE		YEAR	G.O. BONDS	STATE	FEDERAL	OTHER	TOTAL
Emergency Medical Services							
MICU AMBULANCE REPLACEMENT PROGRAM	2011	520	0	0	0	0	520
	2012	780	0	0	0	0	780
	2013	780	0	0	0	0	780
	2014	780	0	0	0	0	780
	2015	780	0	0	0	0	780
	2016	780	0	0	0	0	780
Project CIP Total		4,420	0	0	0	0	4,420
Emergency Medical Services CIP Total		4,420	0	0	0	0	4,420
Anchorage Fire							
AFD/EOC DISPATCH-"TURN-KEY" REPLACEMENT (AFD)	2013	1,720	0	0	0	0	1,720
Project CIP Total		1,720	0	0	0	0	1,720
AFD/MOA VIDEO CENTER EQUIPMENT UPGRADES	2011	0	150	0	0	0	150
Project CIP Total		0	150	0	0	0	150
Downtown Medic #2 - Service Expansion	2013	250	0	0	0	0	250
Project CIP Total		250	0	0	0	0	250
EMERGENCY VEHICLE SHOP REPLACEMENT	2012	0	8,000	0	0	0	8,000
Project CIP Total		0	8,000	0	0	0	8,000
NEW ABBOTT LOOP/68TH AVENUE FIRE STATION #16	2015	750	0	0	0	0	750
Project CIP Total		750	0	0	0	0	750
NEW DEARMOUN ROAD FIRE STATION #19 LAND ACQ.	2015	750	0	0	0	0	750
	2016	750	0	0	0	0	750
Project CIP Total		1,500	0	0	0	0	1,500
NEW MINNESOTA/RASPBERRY FIRE STATION # 17	2015	750	0	0	0	0	750
Project CIP Total		750	0	0	0	0	750
REPLACE EMERGENCY RESPONSE COMMAND VEHICLES	2015	200	0	0	0	0	200
	2016	200	0	0	0	0	200
Project CIP Total		400	0	0	0	0	400
REPLACEMENT FIRE ENGINES: FIRST LINE RESPONSE (AFD)	2013	650	0	0	0	0	650
	2014	650	0	0	0	0	650
	2015	650	0	0	0	0	650
	2016	650	0	0	0	0	650
Project CIP Total		2,600	0	0	0	0	2,600
REPLACEMENT LADDER TRUCKS: FIRST LINE RESPONSE AFD)	2011	1,150	0	0	0	0	1,150
	2012	1,150	0	0	0	0	1,150
	2014	1,150	0	0	0	0	1,150
Project CIP Total		3,450	0	0	0	0	3,450

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Anchorage Fire Department						
REPLACEMENT WATER TENDERS: FRONT LINE RESPONSE UNITS (AFD)	2012	600	0	0	0	600
	2013	600	0	0	0	600
	2014	600	0	0	0	600
	2015	600	0	0	0	600
	2016	600	0	0	0	600
Project CIP Total		3,000	0	0	0	3,000
STATION IMPROVEMENTS/REPAIRS	2015	250	0	0	0	250
Project CIP Total		250	0	0	0	250
WILDFIRE SUPPRESSION- HELICOPTER CONTRACT FUNDING	2012	0	9,500	0	0	9,500
	2013	0	500	0	0	500
	2014	0	500	0	0	500
Project CIP Total		0	10,500	0	0	10,500
Anchorage Fire CIP Total		14,670	18,650	0	0	33,320
Chugiak Fire						
ADDITIONAL CHUGIAK VOLUNTEER FIRE STATION	2011	0	375	0	375	750
Project CIP Total		0	375	0	375	750
CHUGIAK VFD-REPLACEMENT OF WILDLAND FIRST RESPONSE APPARATUS	2011	0	100	0	100	200
Project CIP Total		0	100	0	100	200
REPLACEMENT CHUGIAK FIRE ENGINES	2011	0	375	0	200	575
	2012	0	375	0	200	575
Project CIP Total		0	750	0	400	1,150
Chugiak Fire CIP Total		0	1,225	0	875	2,100
Girdwood Fire						
REPLACEMENT GIRDWOOD APPARATUS	2014	0	0	0	700	700
	2015	0	0	0	700	700
Project CIP Total		0	0	0	1,400	1,400
Girdwood Fire CIP Total		0	0	0	1,400	1,400

Emergency Medical Services

MICU AMBULANCE REPLACEMENT PROGRAM

Project ID: AFD07008

Project Type: Replacement

Start Date: April 2008

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

End Date: December 2013

Description:

Programmed replacement of Areawide EMS MICU ambulances to provide basic and advanced life support services and transport patients throughout the Municipality of Anchorage. The following replacement schedule will maintain a first line EMS response fleet of MICU ambulances which is both highly reliable from an operating standpoint and reasonable current as to its mobile treatment and transport capabilities and equipment.

2011-replace one 2002 and two 2004 models

2012-replace one 2005 and two 2006 models

2013-replace one 2006 and two 2007 models

2014-replace one 2008 and two 2008 models

2015-replace one 2009 and two 2010 models

Comments:

Justification:

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	520	780	780	780	780	780	4,420
Project Total:	520	780	780	780	780	780	4,420

O & M Costs

Anchorage Fire

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

Project ID: AFD07004

Project Type: Replacement

Start Date: April 2012

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

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:

Justification:

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	0	1,720	0	0	0	1,720
Project Total:	0	0	1,720	0	0	0	1,720
O & M Costs							

Anchorage Fire

AFD/MOA VIDEO CENTER EQUIPMENT UPGRADES

Project ID: AFD07721

Project Type: Upgrade

Start Date: April 2010

Location: Assembly: Areawide

End Date: March 2011

Description:

Comprehensive system wide replacement/upgrade of outmoded video production ADN broadcast equipment which is well beyond its useful operating life and is now substantially inferior in capabilities and performance when compared to currently available technologies (funding allocation: 70% Areawide/30% Anchorage Fire Service Area).

Comments:

Justification:

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
State Grant Pass - Thru	150	0	0	0	0	0	150
Project Total:	150	0	0	0	0	0	150

O & M Costs

Anchorage Fire

EMERGENCY VEHICLE SHOP REPLACEMENT

Project ID: AFD08723

Project Type: Renovation

Start Date: January 2013

Location: Assembly: Areawide

End Date: December 2013

Description:

Renovation and Expansion of the Fire Emergency Vehicle Maintenance Shop

Comments:

Justification:

The Fire Maintenance Shop is 25 years old. It was built to accommodate the repair of a fleet half the current size of AFD's fleet. The Shop bays are narrow and do not accommodate well today's larger fire apparatus. The shop maintains the EMS and Fire fleet for Anchorage, Girdwood and Chugiak Fire Departments.

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
State Grant Revenue - Direct	0	8,000	0	0	0	0	8,000
Project Total:	0	8,000	0	0	0	0	8,000
O & M Costs	0	0	500	0	0	0	500

NEW ABBOTT LOOP/68TH AVENUE FIRE STATION #16

Project ID: AFD07021

Project Type: Improvement

Start Date: April 2010

Location: Assembly: Section 4, Seats F & G, Assembly: Section 6, Seats J & K, House: District 24-Midtown/Taku, House: District 30-Lore/Abbott, Community: Abbott Loop, Community: Campbell Park

End Date: March 2011

Description:

Build new 4-bay fire station to better facilitate arrival at fire scenes within the (6) minute response time from receipt of dispatch call.

2013-site selection, land acquisition, and preliminary design.

Comments:

Justification:

Decrease response times to underserved area

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	0	0	0	750	0	750
Project Total:	0	0	0	0	750	0	750
O & M Costs							

NEW DEARMOUN ROAD FIRE STATION #19 LAND ACQ.

Project ID: AFD07024

Project Type: Improvement

Start Date: April 2013

Location: Assembly: Section 6, Seats J & K, House: District
31-Huffman/Oceanview, House: District 32-Chugach State
Park, Community: Bear Valley, Community: Glen Alps,
Community: Huffman/O'Malley, Community: Rabbit Creek

End Date: March 2014

Description:

Build new 4-bay fire station to better facilitate arrival at fire scenes within the six minute response time from receipt of dispatch call.

2014-site selection, initial design, and land acquisition.

Comments:

Justification:

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	0	0	0	750	750	1,500
Project Total:	0	0	0	0	750	750	1,500
O & M Costs							

Anchorage Fire

NEW MINNESOTA/RASPBERRY FIRE STATION # 17

Project ID: AFD07007

Project Type: Improvement

Start Date: April 2011

Location: Assembly: Section 3, Seats D & E, House: District 25-East
Spenard, House: District 27-Sand Lake, Community: Sand
Lake, Community: Taku/Campbell

End Date: March 2012

Description:

Build new 4-bay fire station to better facilitate arrival at fire scenes within the six minute response time from receipt of dispatch call.

2011-site selection, land acquisition, and preliminary design.

Comments:

Justification:

This service area has response times above the municipal standard. A new station would shorten the response time for residents.

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	0	0	0	750	0	750
Project Total:	0	0	0	0	750	0	750

O & M Costs

Anchorage Fire

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:

Justification:

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

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	0	0	0	200	200	400
Project Total:	0	0	0	0	200	200	400

O & M Costs

Anchorage Fire

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:

Justification:

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.

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	0	650	650	650	650	2,600
Project Total:	0	0	650	650	650	650	2,600

O & M Costs

Anchorage Fire

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:

Justification:

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

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	600	600	600	600	600	3,000
Project Total:	0	600	600	600	600	600	3,000

O & M Costs

Anchorage Fire

STATION IMPROVEMENTS/REPAIRS

Project ID: AFD07010

Project Type: Improvement

Start Date: September 2010

Location: Assembly: Section 4, Seats F & G, Assembly: Section 5, Seats H & I, House: District 19-Muldoon, House: District 20-Mt View/Wonder Park, House: District 21-Baxter Bog, House: District 22-University/Airport Heights, Community: Basher, Community: Campbell Park, Community: Scenic Foothills, Community: University Area

End Date: December 2010

Description:

Miscellaneous facility improvements and repairs to better meet operational needs and/or address health and safety issues.

2011-connect Rabbit Creek Fire Station #10 to Bear Valley Elementary School drinking water supply system.

2012-Tudor/Baxter Road Fire Station #14, north driveway access.

Comments:

Justification:

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Bond Proceeds	0	0	0	0	250	0	250
Project Total:	0	0	0	0	250	0	250

O & M Costs

Anchorage Fire

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.

Justification:

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.

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
State Grant Revenue - Direct	0	9,500	500	500	0	0	10,500
Project Total:	0	9,500	500	500	0	0	10,500

O & M Costs

ADDITIONAL CHUGIAK VOLUNTEER FIRE STATION

Project ID: AFD08714

Project Type: New

Start Date: April 2009

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

End Date: March 2012

Description:

Construction of new volunteer fire station serving the northeast area of the Chugiak Fire Service Area.

2009-site selection, land acquisition, and preliminary design.

2011-funding for construction of facility.

Comments:

Unprecedented growth in the Northwest sector of the coverage area has dramatically increased the demand and need for a fire station to serve Peters Creek/Eklutna areas.

Justification:

Area of continued rapid development.

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Contributions Other Funds	375	0	0	0	0	0	375
State Grant Revenue - Direct	375	0	0	0	0	0	375
Project Total:	750	0	0	0	0	0	750
O & M Costs	0	50	50	50	0	0	150

Chugiak Fire

CHUGIAK VFD-REPLACEMENT OF WILDLAND FIRST RESPONSE APPARATUS

Project ID: AFD09713

Project Type: Replacement

Start Date: April 2009

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

End Date: May 2009

Description:

Replacement of 2 wildland fire apparatus:

2010-Mini-pumper-1978

2011-Mini-pumper/Brush Truck-1980

Comments:

Justification:

To assist with wildfires in the Chugiak fire service area and replace 30 year old equipment.

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Contributions Other Funds	100	0	0	0	0	0	100
State Grant Revenue - Direct	100	0	0	0	0	0	100
Project Total:	200	0	0	0	0	0	200
O & M Costs	5	0	0	0	0	0	5

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-replaces a 1988 Segraves engine, 2012 replaces a 1992 E-One engine)

Comments:

Justification:

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Contributions Other Funds	200	200	0	0	0	0	400
State Grant Revenue - Direct	375	375	0	0	0	0	750
Project Total:	575	575	0	0	0	0	1,150
O & M Costs	20	20	0	0	0	0	40

Girdwood Fire

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:

Justification:

	2011	2012	2013	2014	2015	2016	Total
Revenue Sources							
Contributions Other Funds	0	0	0	700	700	0	1,400
Project Total:	0	0	0	700	700	0	1,400
O & M Costs							