

(FBO) FIRE AND EMERGENCY MEDICAL SERVICES

MISSION

The District of Columbia Fire and Emergency Medical Services Department's (Fire & EMS) mission is to promote safety and health through excellent pre-hospital medical care, fire prevention and education, fire suppression, hazardous materials response, technical rescue and homeland security preparedness in the District of Columbia.

SCOPE

Fire & EMS provides all-hazards protection to residents and visitors in the District of Columbia from 34 neighborhood fire stations that deploy 33 Engine Companies, 16 Ladder Trucks, 3 Heavy-Rescue Squads, 1 Hazardous Materials Unit and 1 Fire Boat Company. 44 EMS transport units, 19 transport units and 21 of the Engine Companies are staffed by paramedics providing advanced life support (ALS) care. To ensure that Fire & EMS has the ability to provide uninterrupted service, equipment reserve is maintained and available when frontline emergency vehicles are out of service and to increase services during multiple emergency incidents. In addition, the Department maintains an Emergency Mobilization Operations Plan (EMOP) fleet of ambulance units as well as support vehicles that are required to meet the additional command and control needed on large, expanding, or multiple incidents. These units are used for the numerous special events in the city that require additional transport units. This support reduces the negative impact to the 911 delivery of EMS care to District citizens. Fire & EMS facilities undergo scheduled capital state of the art repairs to provide safer working conditions and remain operational to prevent infrastructure deterioration. Updated communications and information management systems enhance the Department's ability to work optimally.

CAPITAL PROGRAM OBJECTIVES

1. Plan for and provide a comprehensive renovation of each of the Fire & EMS buildings to bring them into compliance with modern codes and standards as well as personnel and fleet requirements.
2. Design, equip, and install enhanced communication and information management systems that allow for greater efficiency of operations, accountability, and exchange of information with the Office of Unified Communications 911 Center and other public safety agencies that coordinate emergency responses for the citizens and visitors of the District.
3. Replace Fire & EMS vehicles to meet or exceed National Fire Protection Association (NFPA) standards.
4. Develop plans for public or private development of stations that would provide the potential to sell the air rights above stations.

RECENT FACILITY CAPITAL ACCOMPLISHMENTS

Fire & EMS completed the following recent improvements to facilities:

October 2013: New roof on Engine 15, located at 2101 14th St. S.E.

November 2013: Energy efficient T-5 lighting installed at Fleet Maintenance, located at 1103 Half St. S.E.

December 2013: Energy efficient Boiler installed to Engine 5, Located at 3412 Dent Pl. N.W.

January 2014: Complete Modernization / Renovation at Engine 28, located at 3522 Connecticut Ave. N.W.

February 2014: Neddermann vehicle exhaust system fans replaced to several sites to include new drops and rail installations to several sites

March 2014: Engine 29 is complete and ready for occupancy Complete Modernization / Renovation, located at 4811 MacArthur Blvd. N.W.

April 2014: Ice Maker Replacements - E3, E19, E26, E27, E30, and Fleet

May 2014: Energy efficient Lighting/Apparatus Bay Heating and HVAC stabilization at Engine 2, located at 500 F St N.W.

June 2014: Total energy efficient HVAC and new energy RTU's for the Fireboat, located at 550 Water St. S.W.

July 2014: Energy efficient Interior Renovation, HVAC Replacement, Apparatus Bay Door Replacement, Commercial Kitchen Hood Installation at Engine 19, located at 2813 Pennsylvania Ave S.E.

August 2014: Commercial Kitchen Hood Installation at Engine 15, located at 2101 14th St. S.E.

September 2014: Replaced sewer line in the garage and pressure washed garage at Engine 2, located at 500 F St N.W.

Elements on this page of the Agency Summary include:

- **Funding Tables:** Past budget allotments show the allotment balance, calculated as allotments received to date less all obligations (the sum of expenditures, encumbrances, intra-District advances and pre-encumbrances). Agencies are allowed to encumber and pre-encumber funds up to the limit of a capital project’s budget authority, which might be higher than allotments received to date. For this reason, a negative balance on a projectsheet does not necessarily indicate overspending or an anti-deficiency violation. A negative balance is permitted in this calculation of remaining allotment authority.
- **Additional Appropriations Data (\$000):** Provides a summary of the budget authority over the life of the project. The table can be read as follows:
 - › **Original 6-Year Budget Authority:** Represents the authority from the fiscal year in which budget was first appropriated through the next 5 years.
 - › **Budget Authority Thru FY 2020 :** Represents the lifetime budget authority, including the 6 year budget authority for FY 2015 through 2020
 - › **FY 2015 Budget Authority Revisions:** Represents the changes to the budget authority as a result of reprogramming, redirections and rescissions (also reflected in Appendix F) for the current fiscal year.
 - › **6-Year Budget Authority Thru 2020 :** This is the total 6-year authority for FY 2015 through FY 2020 including changes from the current fiscal year.
 - › **Budget Authority Request for 2016 through 2021 :** Represents the 6 year budget authority for 2016 through 2021
 - › **Increase (Decrease) :** This is the change in 6 year budget requested for FY 2016 - FY 2021 (change in budget authority is shown in Appendix A).
- **Estimated Operating Impact:** If a project has operating impacts that the agency has quantified, the effects are summarized in the respective year of impact
- **FTE Data (Total budget in FTE Table might differ from actual budget due to rounding):** Provides the number for Full Time Equivalent (FTE) employees approved as eligible to be charged to capital projects by, or on behalf of, the agency. Additionally it provides the total budget for these employees (Personal Services), the non personnel portion of the budget in the agency’s capital plan and, the percentage of the agency CIP budget from either expense category.
- **Facility Location Map:** For those agencies with facilities projects, a map reflecting projects and their geographic location within the District of Columbia.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
(01) Design	10,396	6,276	2,158	0	1,962	0	0	0	0	0	0	0
(02) SITE	250	0	0	0	250	0	0	0	0	0	0	0
(03) Project Management	6,125	4,299	873	7	946	0	0	0	0	0	0	0
(04) Construction	72,312	39,638	8,055	9,851	14,768	1,000	0	0	10,250	11,000	2,500	24,750
(05) Equipment	150,237	131,583	13,204	1,100	4,350	16,000	15,000	15,000	17,800	17,000	0	80,800
TOTALS	239,320	181,796	24,290	10,958	22,276	17,000	15,000	15,000	28,050	28,000	2,500	105,550

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
GO Bonds - New (0300)	169,633	126,607	17,399	9,920	15,707	8,000	15,000	15,000	13,050	13,000	2,500	66,550
Equipment Lease (0302)	69,687	55,189	6,891	1,038	6,569	9,000	0	0	15,000	15,000	0	39,000
TOTALS	239,320	181,796	24,290	10,958	22,276	17,000	15,000	15,000	28,050	28,000	2,500	105,550

Additional Appropriation Data			Estimated Operating Impact Summary						
First Appropriation FY		1998	Expenditure (+) or Cost Reduction (-)						
Original 6-Year Budget Authority		247,193	No estimated operating impact						
Budget Authority Thru FY 2015		309,605							
FY 2015 Budget Authority Changes									
Reprogrammings YTD for FY 2015		-1,035							
Current FY 2015 Budget Authority		308,570							
Budget Authority Request for FY 2016		344,870							
Increase (Decrease)		36,300							
Full Time Equivalent Data									
Object	FTE	FY 2016 Budget	% of Project						
Personal Services	1.0	137	0.8						
Non Personal Services	0.0	16,863	99.2						

AM0-LC537-ENGINE COMPANY 23 RENOVATION

Agency: FIRE AND EMERGENCY MEDICAL SERVICES (FB0)
Implementing Agency: DEPARTMENT OF GENERAL SERVICES (AM0)
Project No: LC537
Ward: 2
Location: 2119 G STREET NW
Facility Name or Identifier: ENGINE 23
Status: Ongoing Subprojects
Useful Life of the Project: 30
Estimated Full Funding Cost: \$7,500,000



Description:

The work includes major improvements and upgrades to Engine 23 at 2119 G Street N.W., that will bring the facility into compliance with current basic standards such as ADA access, Life Safety Codes, NFPA, firefighting protective gear storage and energy efficient HVAC systems. The most important improvements will be the new Life Safety features by the installation of a fire sprinkler and fire alarm system. The interior of this historic building will be redesigned and all of the building's electrical, lighting systems and plumbing will be replaced to the Silver level of the LEED standard for renovations. The storm water management system will be replaced. Working with the Historic Preservation Office, FEMS will widen the apparatus bay door to accommodate the larger apparatus FEMS will be required to purchase to meet the 2010 EPA Clean Emissions Standard. All windows will be replaced with energy efficient windows that match the original ones. A temporary fire station will provide uninterrupted protection to the community during this project.

Justification:

Originally built in 1910, Engine 23 has not had a major renovation in over 28 years and the infrastructure of this station has long passed its useful life expectancy. It has only had minor improvements or upgrades since it was constructed in 1910 and none since 1984. It does not comply with current basic standards such as ADA access, NFPA standards for Fire Stations, and female firefighter locker room accommodations. All of the major systems are in poor condition and are beginning to fail. Renovating this station to modern LEED standards will result in an operating cost savings while preserving this historic landmark. This project aligns with SustainableDC Action: Built Environment 3.5.

Progress Assessment:

As of now there are no anticipated bottlenecks.

Related Projects:

None.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
(04) Construction	0	0	0	0	0	0	0	0	3,750	3,750	0	7,500
TOTALS	0	0	0	0	0	0	0	0	3,750	3,750	0	7,500

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
GO Bonds - New (0300)	0	0	0	0	0	0	0	0	3,750	3,750	0	7,500
TOTALS	0	0	0	0	0	0	0	0	3,750	3,750	0	7,500

Additional Appropriation Data

First Appropriation FY	2012
Original 6-Year Budget Authority	833
Budget Authority Thru FY 2015	7,613
FY 2015 Budget Authority Changes	
Reprogrammings YTD for FY 2015	-113
Current FY 2015 Budget Authority	7,500
Budget Authority Request for FY 2016	7,500
Increase (Decrease)	0

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)	04/01/2009	04/01/2009
Design Complete (FY)	06/01/2011	
Construction Start (FY)	01/01/2012	
Construction Complete (FY)	01/01/2020	
Closeout (FY)	02/01/2021	

Full Time Equivalent Data

Object	FTE	FY 2016 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	0	0.0

AM0-LF239-FEMS SCHEDULED CAPITAL IMPROVEMENTS

Agency: FIRE AND EMERGENCY MEDICAL SERVICES (FB0)
Implementing Agency: DEPARTMENT OF GENERAL SERVICES (AM0)
Project No: LF239
Ward:
Location: DISTRICT-WIDE
Facility Name or Identifier: VARIOUS
Status: Ongoing Subprojects
Useful Life of the Project: 10
Estimated Full Funding Cost: \$24,889,000



Description:

This project provides for scheduled capital improvements in various Department facilities to include repair and/or replacement of foundation, concrete, plaster wall, window, floor covering, the heating and cooling system, the electrical system, the lighting system, plumbing and sanitary drains, fire detection and alarm systems, the parking lot, the roof, the masonry, drainage and erosion control systems. Additionally, there will be safety and security upgrades to the facility.

Justification:

This project is vital to provide funding for major and minor capital improvements that are needed throughout FEMS 35 various facilities. It allows FEMS to upgrade facilities in an efficient manner by ensuring proper funding is available for capital projects.

Progress Assessment:

This project is on-going.

Related Projects:

DGS project PL902C-Critical System Replacement

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
(01) Design	3,201	1,604	601	0	996	0	0	0	0	0	0	0
(03) Project Management	532	37	108	7	380	0	0	0	0	0	0	0
(04) Construction	12,657	8,445	1,714	2,001	497	1,000	0	0	2,500	2,500	2,500	8,500
TOTALS	16,389	10,085	2,423	2,008	1,873	1,000	0	0	2,500	2,500	2,500	8,500

Source	Funding By Source - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
GO Bonds - New (0300)	16,389	10,085	2,423	2,008	1,873	1,000	0	0	2,500	2,500	2,500	8,500
TOTALS	16,389	10,085	2,423	2,008	1,873	1,000	0	0	2,500	2,500	2,500	8,500

Additional Appropriation Data

First Appropriation FY	2012
Original 6-Year Budget Authority	24,580
Budget Authority Thru FY 2015	22,389
FY 2015 Budget Authority Changes	0
Current FY 2015 Budget Authority	22,389
Budget Authority Request for FY 2016	24,889
Increase (Decrease)	2,500

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2016 Budget	% of Project
Personal Services	1.0	137	13.7
Non Personal Services	0.0	863	86.3

FB0-20600-FIRE APPARATUS

Agency: FIRE AND EMERGENCY MEDICAL SERVICES (FB0)
Implementing Agency: FIRE AND EMERGENCY MEDICAL SERVICES (FB0)
Project No: 20600
Ward:
Location: DISTRICT-WIDE
Facility Name or Identifier: EQUIPMENT
Status: Ongoing Subprojects
Useful Life of the Project: 7
Estimated Full Funding Cost: \$67,121,000

Description:

This project provides for the purchase of pumpers, ladder trucks, heavy rescue trucks, ambulances, and large support vehicles. Existing vehicles need to be replaced at the rate that meets NFPA standards and as they wear out and surpass their economic retention levels.

Justification:

Replacing older firefighting apparatus and ambulances at a rate that keeps the Department’s fleet at an age and condition that meets NFPA standards is essential to maintaining an effective firefighting force. This project is necessary to ensure that the fleet is reliable and does not deteriorate into a condition that leaves it unreliable and requiring extensive maintenance to keep it running. This project aligns with Sustainable-DC Action: Transportation

Progress Assessment:

On-going fleet replacement project.

Related Projects:

20630C-Fire Apparatus master lease project.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
(05) Equipment	25,321	21,258	6,279	62	-2,278	7,000	15,000	15,000	2,800	2,000	0	41,800
TOTALS	25,321	21,258	6,279	62	-2,278	7,000	15,000	15,000	2,800	2,000	0	41,800

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
GO Bonds - New (0300)	25,321	21,258	6,279	62	-2,278	7,000	15,000	15,000	2,800	2,000	0	41,800
TOTALS	25,321	21,258	6,279	62	-2,278	7,000	15,000	15,000	2,800	2,000	0	41,800

Additional Appropriation Data

First Appropriation FY	1998
Original 6-Year Budget Authority	21,892
Budget Authority Thru FY 2015	29,321
FY 2015 Budget Authority Changes	0
Current FY 2015 Budget Authority	29,321
Budget Authority Request for FY 2016	67,121
Increase (Decrease)	37,800

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2016 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	7,000	100.0

ELC-20630-FIRE APPARATUS

Agency: FIRE AND EMERGENCY MEDICAL SERVICES (FB0)
Implementing Agency: EQUIPMENT LEASE - CAPITAL (ELC)
Project No: 20630
Ward:
Location: DISTRICT WIDE
Facility Name or Identifier: EQUIPMENT
Status: Ongoing Subprojects
Useful Life of the Project: 7
Estimated Full Funding Cost: \$135,078,000



Description:

This project provides for the purchase of pumpers, ladder trucks, heavy rescue trucks, ambulances, and large support vehicles. Existing vehicles need to be replaced at the rate that meets NFPA standards and as they wear out and surpass their economic retention levels.

Justification:

Replacing older firefighting apparatus and ambulances at a rate that keeps the Department's fleet at an age and condition that meets NFPA standards is essential to maintaining an effective firefighting force. This project is necessary to ensure that the fleet is reliable and does not deteriorate into a condition that leaves it unreliable and requiring extensive maintenance to keep it running. This project aligns with SustainableDC Action: Transportation 4.2.

Progress Assessment:

This is an on-going fleet replacement project.

Related Projects:

20600C-Fire Apparatus

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
(05) Equipment	96,078	81,522	6,891	1,038	6,627	9,000	0	0	15,000	15,000	0	39,000
TOTALS	96,078	81,522	6,891	1,038	6,627	9,000	0	0	15,000	15,000	0	39,000

Source	Funding By Source - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
GO Bonds - New (0300)	26,391	26,333	0	0	59	0	0	0	0	0	0	0
Equipment Lease (0302)	69,687	55,189	6,891	1,038	6,569	9,000	0	0	15,000	15,000	0	39,000
TOTALS	96,078	81,522	6,891	1,038	6,627	9,000	0	0	15,000	15,000	0	39,000

Additional Appropriation Data

First Appropriation FY	1999
Original 6-Year Budget Authority	34,183
Budget Authority Thru FY 2015	135,078
FY 2015 Budget Authority Changes	0
Current FY 2015 Budget Authority	135,078
Budget Authority Request for FY 2016	135,078
Increase (Decrease)	0

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2016 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	9,000	100.0

AM0-LC837-RELOCATION OF ENGINE COMPANY 26

Agency: FIRE AND EMERGENCY MEDICAL SERVICES (FB0)
Implementing Agency: DEPARTMENT OF GENERAL SERVICES (AM0)
Project No: LC837
Ward: 5
Location: 1340 RHODE ISLAND AVENUE NE
Facility Name or Identifier: ENGINE COMPANY 26
Status: Ongoing Subprojects
Useful Life of the Project: 30
Estimated Full Funding Cost: \$9,007,000



Description:

The scope of work for this project includes selecting and acquiring a suitable site, all legal work and regulatory approvals, site work and construction of modern 30,000 sq. ft. fire station meeting all current local and national standards and codes. This project will bring the building to LEED Silver standard when completed.

Justification:

This project will bring the building to LEED Silver standard when completed.

Progress Assessment:

Progressing as planned.

Related Projects:

None.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
(01) Design	257	0	0	0	257	0	0	0	0	0	0	0
(04) Construction	0	0	0	0	0	0	0	0	4,000	4,750	0	8,750
TOTALS	257	0	0	0	257	0	0	0	4,000	4,750	0	8,750

Source	Funding By Source - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
GO Bonds - New (0300)	257	0	0	0	257	0	0	0	4,000	4,750	0	8,750
TOTALS	257	0	0	0	257	0	0	0	4,000	4,750	0	8,750

Additional Appropriation Data

First Appropriation FY	2012
Original 6-Year Budget Authority	257
Budget Authority Thru FY 2015	9,007
FY 2015 Budget Authority Changes	0
Current FY 2015 Budget Authority	9,007
Budget Authority Request for FY 2016	9,007
Increase (Decrease)	0

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2016 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	0	0.0