

(FB0) 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 suppression, hazardous materials response, technical rescue, homeland security preparedness and fire prevention and education 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

- 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.
- 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 911Center and other public safety agencies that coordinate emergency responses for the citizens and visitors of the District.
- Replace Fire & EMS vehicles to meet or exceed National Fire Protection Association (NFPA) standards.
- 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 48 11 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.

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 2021 :** Represents the lifetime budget authority, including the 6 year budget authority for FY 2016 through 2021
 - › **FY 2016 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 2021 :** This is the total 6-year authority for FY 2016 through FY 2021 including changes from the current fiscal year.
 - › **Budget Authority Request for 2017 through 2022 :** Represents the 6 year budget authority for 2017 through 2022
 - › **Increase (Decrease) :** This is the change in 6 year budget requested for FY 2017 - FY 2022 (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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
(01) Design	9,987	7,657	1,452	0	878	0	0	0	0	0	0	0
(02) SITE	250	0	250	0	0	0	0	0	0	0	0	0
(03) Project Management	5,280	4,575	377	0	329	0	0	0	0	0	0	0
(04) Construction	73,815	49,843	18,608	390	4,974	1,175	0	9,250	12,000	10,000	15,000	47,425
(05) Equipment	166,237	140,380	11,564	2,226	12,066	15,000	15,000	17,800	17,000	15,000	3,500	83,300
TOTALS	255,569	202,455	32,251	2,616	18,247	16,175	15,000	27,050	29,000	25,000	18,500	130,725

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
GO Bonds - New (0300)	176,882	143,764	21,737	2,608	8,772	16,175	15,000	12,050	14,000	25,000	15,000	97,225
Equipment Lease (0302)	69,205	58,691	10,514	0	0	0	0	0	0	0	0	0
Short-Term Bonds – (0304)	9,482	0	0	7	9,475	0	0	15,000	15,000	0	3,500	33,500
TOTALS	255,569	202,455	32,251	2,616	18,247	16,175	15,000	27,050	29,000	25,000	18,500	130,725

Additional Appropriation Data		Estimated Operating Impact Summary						
First Appropriation FY	1998	Expenditure (+) or Cost Reduction (-)						
Original 6-Year Budget Authority	286,101	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
Budget Authority Thru FY 2016	344,249	No estimated operating impact						
FY 2016 Budget Authority Changes		Full Time Equivalent Data						
ABC Fund Transfers	-103	Object	FTE	FY 2017 Budget	% of Project			
Capital Reprogrammings FY 2016 YTD	-28	Personal Services	0.0	0	0.0			
Miscellaneous	0	Non Personal Services	0.0	16,175	100.0			
Current FY 2016 Budget Authority	344,119							
Budget Authority Request for FY 2017	386,294							
Increase (Decrease)	42,175							

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: New
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:

New project.

Related Projects:

None.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
(04) Construction	0	0	0	0	0	0	0	3,750	3,750	0	0	7,500
TOTALS	0	0	0	0	0	0	0	3,750	3,750	0	0	7,500

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
GO Bonds - New (0300)	0	0	0	0	0	0	0	3,750	3,750	0	0	7,500
TOTALS	0	0	0	0	0	0	0	3,750	3,750	0	0	7,500

Additional Appropriation Data

First Appropriation FY	2012
Original 6-Year Budget Authority	833
Budget Authority Thru FY 2016	7,500
FY 2016 Budget Authority Changes	0
Current FY 2016 Budget Authority	7,500
Budget Authority Request for FY 2017	7,500
Increase (Decrease)	0

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017 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: \$28,064,000



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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
(01) Design	2,792	1,938	232	0	621	0	0	0	0	0	0	0
(03) Project Management	227	152	0	0	75	0	0	0	0	0	0	0
(04) Construction	14,370	11,705	1,425	390	851	1,175	0	1,500	2,000	3,000	3,000	10,675
TOTALS	17,389	13,795	1,657	390	1,547	1,175	0	1,500	2,000	3,000	3,000	10,675

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
GO Bonds - New (0300)	17,389	13,795	1,657	390	1,547	1,175	0	1,500	2,000	3,000	3,000	10,675
TOTALS	17,389	13,795	1,657	390	1,547	1,175	0	1,500	2,000	3,000	3,000	10,675

Additional Appropriation Data

First Appropriation FY	2012
Original 6-Year Budget Authority	24,580
Budget Authority Thru FY 2016	24,889
FY 2016 Budget Authority Changes	0
Current FY 2016 Budget Authority	24,889
Budget Authority Request for FY 2017	28,064
Increase (Decrease)	3,175

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	1,175	100.0

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: \$125,103,000

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
(05) Equipment	41,803	26,520	1,050	2,226	12,008	15,000	15,000	17,800	17,000	15,000	3,500	83,300
TOTALS	41,803	26,520	1,050	2,226	12,008	15,000	15,000	17,800	17,000	15,000	3,500	83,300

Source	Funding By Source - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
GO Bonds - New (0300)	32,321	26,520	1,050	2,219	2,533	15,000	15,000	2,800	2,000	15,000	0	49,800
Short-Term Bonds - (0304)	9,482	0	0	7	9,475	0	0	15,000	15,000	0	3,500	33,500
TOTALS	41,803	26,520	1,050	2,226	12,008	15,000	15,000	17,800	17,000	15,000	3,500	83,300

Additional Appropriation Data

First Appropriation FY	1998
Original 6-Year Budget Authority	61,428
Budget Authority Thru FY 2016	97,175
FY 2016 Budget Authority Changes	
Miscellaneous	9,482
Current FY 2016 Budget Authority	106,657
Budget Authority Request for FY 2017	125,103
Increase (Decrease)	18,446

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	15,000	100.0

AM0-BRM01-NEW HARBOR PATROL FACILITY

Agency: FIRE AND EMERGENCY MEDICAL SERVICES (FB0)
Implementing Agency: DEPARTMENT OF GENERAL SERVICES (AM0)
Project No: BRM01
Ward: 6
Location: 550 WATER STREET SW
Facility Name or Identifier: HARBOR PATROL FACILITY
Status: New
Useful Life of the Project: 30
Estimated Full Funding Cost: \$20,500,000

Description:

A new harbor patrol facility is a joint project of FEMS and MPD. The new facility is needed with the expansion of development along the Southwest waterfront (Washington Channel) and the Anacostia River. Additional resources are necessary for the security and safety of people and property along the river frontage.

Justification:

A joint harbor patrol both FEMS and MPD.

Progress Assessment:

New project.

Related Projects:

n/a

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
(04) Construction	0	0	0	0	0	0	0	0	1,500	7,000	12,000	20,500
TOTALS	0	0	0	0	0	0	0	0	1,500	7,000	12,000	20,500

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
GO Bonds - New (0300)	0	0	0	0	0	0	0	0	1,500	7,000	12,000	20,500
TOTALS	0	0	0	0	0	0	0	0	1,500	7,000	12,000	20,500

Additional Appropriation Data

First Appropriation FY	
Original 6-Year Budget Authority	0
Budget Authority Thru FY 2016	0
FY 2016 Budget Authority Changes	0
Current FY 2016 Budget Authority	0
Budget Authority Request for FY 2017	20,500
Increase (Decrease)	20,500

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	0	0.0

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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	4,000	4,750	0	0	8,750
TOTALS	257	0	0	0	257	0	0	4,000	4,750	0	0	8,750

Source	Funding By Source - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Yr Total
GO Bonds - New (0300)	257	0	0	0	257	0	0	4,000	4,750	0	0	8,750
TOTALS	257	0	0	0	257	0	0	4,000	4,750	0	0	8,750

Additional Appropriation Data	
First Appropriation FY	2012
Original 6-Year Budget Authority	257
Budget Authority Thru FY 2016	9,007
FY 2016 Budget Authority Changes	0
Current FY 2016 Budget Authority	9,007
Budget Authority Request for FY 2017	9,007
Increase (Decrease)	0

Estimated Operating Impact Summary							
Expenditure (+) or Cost Reduction (-)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	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 2017 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	0	0.0