

# (FB0) FIRE AND EMERGENCY MEDICAL SERVICES

## **MISSION**

The District of Columbia Fire and Emergency Medical Services Department (FEMS) promotes 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.

## **BACKGROUND**

FEMS provides all-hazards protection to residents and visitors in the District of Columbia from 34 neighborhood fire stations that deploy 39 EMS transport units, 33 engine companies, 16 ladder trucks, three heavy-rescue squads, one hazardous materials unit and one fire boat company; 14 of these transport units and 20 of these engine companies are staffed by paramedics providing advanced life support (ALS) care.

In order to ensure FEMS has the ability to provide timely services and to meet the demands of emergency incidents involving natural or manmade disasters, the department maintains a reserve fleet of apparatus that is compliant with National Fire Protection Administration recommendations. The reserve fleet consists of one engine in reserve for every two frontline engines, one ladder truck in reserve for every two frontline ladder trucks and one reserve EMS unit for every two frontline transport units. In addition the department maintains an Emergency Mobilization Operations Plan (EMOP) fleet of 12 transport units as well as a number of support vehicles that support the additional command and control needed on large, expanding or multiple incidents.

## **CAPITAL PROGRAM OBJECTIVES**

1. Plan for and provide a comprehensive renovation of each of the FEMS facilities.
2. Replace vehicles according to the replacement schedule so that the fleet is well maintained.
3. Establish a public safety training campus for the police, fire, EMS, and corrections departments to enhance coordination among public safety agencies, improve existing facilities, and expand the paramedic training program.

## **RECENT ACCOMPLISHMENTS**

- FEMS has undertaken window replacements at Engine 1 and Engine 22; Electric Shore line installation at five stations; interior and exterior door replacements at six stations; domestic hot water heating systems replaced at four stations; domestic hot water circulating pumps replaced at six stations; HVAC circulating pumps replaced at four stations; five HVAC zone systems replaced at three stations; main sewer line repaired at Engine 5; apparatus bay door replaced at Engine 26; major concrete repair at Fleet Maintenance; asbestos abatement at two stations; fire hydrant replacement at three stations; roof repairs at four stations.
- Deployed Telestaff staffing system to go live March 15, 2010.
- Procured and upgraded Enterprise Fire Report Management System to go live in September 2010.
- Procured Fire Inspection software to go live in September 2010.
- Refurbished two aerial ladder trucks; purchased five ambulances; eight support vehicles; and one Rescue Squad.
- Completed "Buff, Scrub and Green" at Engine 1, 3 and 4.

**Elements on this page of the Agency Summary include:**

- **Funding Tables:** Past budget allotments shows 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 project sheet 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 sum of the 6-year authority for all agency-owned projects, as shown in the first year they were authorized. The complete set of these projects may or may not be represented in this FY 2011 - FY 2016 CIP.
  - **Budget Authority Thru FY 2015 :** Represents the lifetime budget authority, including the 6 year budget authority for FY 2010 through 2015 .
  - **FY 2010 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 2015 :** This is the total 6-year authority for FY 2010 through FY 2015 including changes from the current fiscal year.
  - **Budget Authority Request for 2011 Through 2016:** Represents the 6 year budget authority for 2011 Through 2016.
  - **Increase (Decrease) to 6-Year Authority:** This is the change in 6 year budget authority requested for FY represents the change in 6 year budget authority requested for FY 2011 - FY 2016. (also reflected in Appendix A).
- **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)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	8,592	5,529	2,110	0	952	1,929	350	0	175	0	0	2,454
(02) SITE	1,609	1,606	3	0	0	0	0	0	0	0	0	0
(03) Project Management	11,355	5,725	3,673	124	1,833	1,132	780	0	0	320	0	2,232
(04) Construction	64,070	43,039	10,862	1,611	8,558	16,679	8,000	2,500	9,600	5,100	22,000	63,879
(05) Equipment	110,802	95,907	11,874	7,147	-4,125	8,096	8,096	8,096	4,048	4,048	8,096	40,480
<b>TOTALS</b>	<b>196,428</b>	<b>151,806</b>	<b>28,522</b>	<b>8,882</b>	<b>7,218</b>	<b>27,835</b>	<b>17,226</b>	<b>10,596</b>	<b>13,823</b>	<b>9,468</b>	<b>30,096</b>	<b>109,044</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	163,692	130,738	19,659	1,736	11,560	19,739	9,130	2,500	9,775	5,420	22,000	68,564
Equipment Lease (0302)	32,735	21,068	8,863	7,147	-4,342	8,096	8,096	8,096	4,048	4,048	8,096	40,480
<b>TOTALS</b>	<b>196,428</b>	<b>151,806</b>	<b>28,522</b>	<b>8,882</b>	<b>7,218</b>	<b>27,835</b>	<b>17,226</b>	<b>10,596</b>	<b>13,823</b>	<b>9,468</b>	<b>30,096</b>	<b>109,044</b>

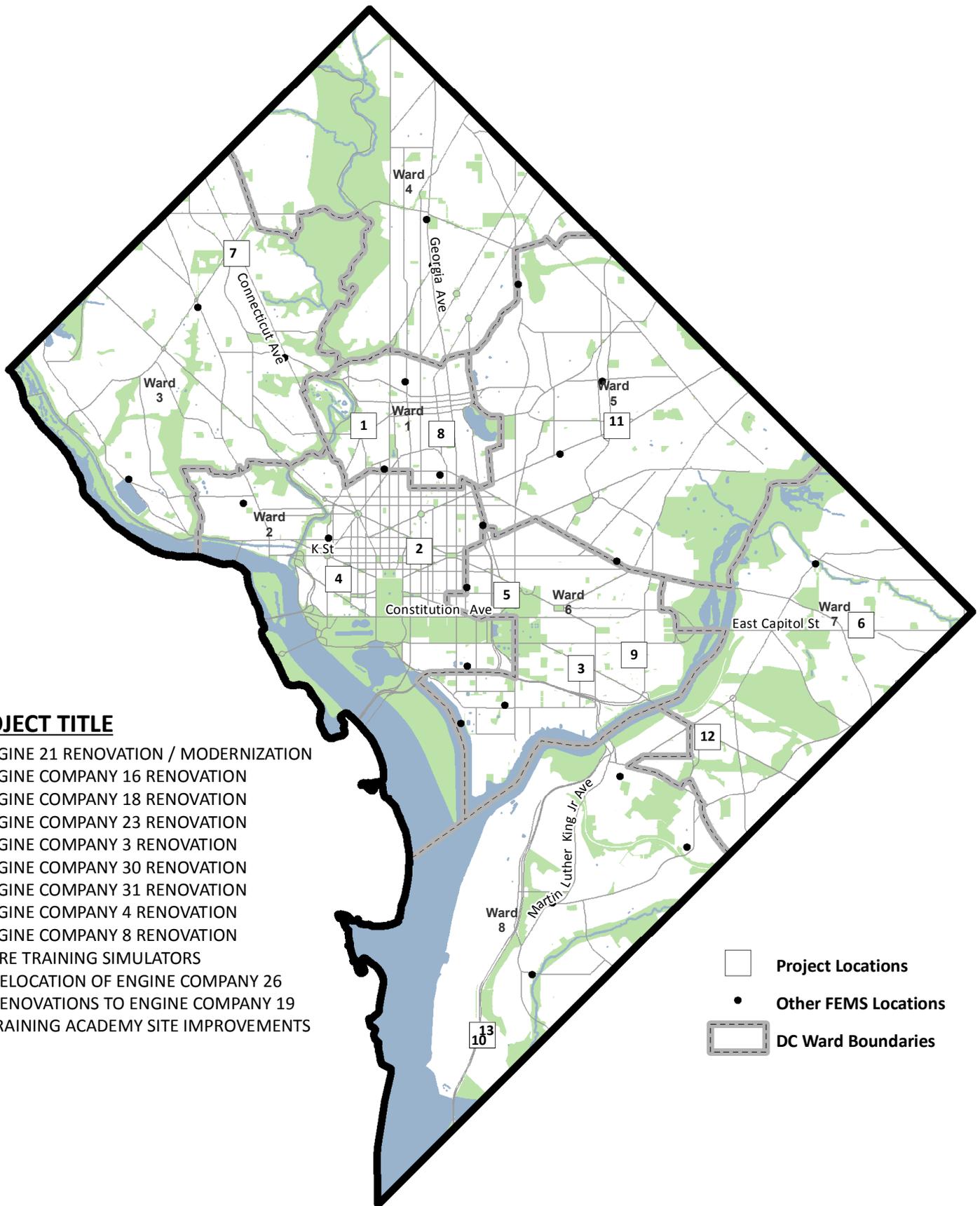
Additional Appropriation Data	
First Appropriation FY	1998
Original 6-Year Budget Authority (\$000)	261,583
Budget Authority Thru FY 2010 (\$000)	324,918
FY 2010 Budget Authority Changes	
ABC Transfers to SA311C	-51
Redirection	-11,151
Current FY 2010 Budget Authority (\$000)	313,716
Budget Authority Request for FY 2011 (\$000)	305,200
Increase (Decrease) to Total Authority (\$000)	-8,516

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							



# Fire and Emergency Medical Services

## FY 2011 - FY 2016 Capital Project Locations



### **PROJECT TITLE**

1. ENGINE 21 RENOVATION / MODERNIZATION
2. ENGINE COMPANY 16 RENOVATION
3. ENGINE COMPANY 18 RENOVATION
4. ENGINE COMPANY 23 RENOVATION
5. ENGINE COMPANY 3 RENOVATION
6. ENGINE COMPANY 30 RENOVATION
7. ENGINE COMPANY 31 RENOVATION
8. ENGINE COMPANY 4 RENOVATION
9. ENGINE COMPANY 8 RENOVATION
10. FIRE TRAINING SIMULATORS
11. RELOCATION OF ENGINE COMPANY 26
12. RENOVATIONS TO ENGINE COMPANY 19
13. TRAINING ACADEMY SITE IMPROVEMENTS

-  Project Locations
-  Other FEMS Locations
-  DC Ward Boundaries

## 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:** N/A  
**Status:** Equipment ordered  
**Useful Life of the Project:** 10  
**Estimated Full Funding Cost:** \$8,096,000

### 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 require extensive maintenance to keep it running.

### Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2008	
<b>Design Complete (FY)</b>	04/02/2009	04/02/2009
<b>Construction Start (FY)</b>	06/30/2009	
<b>Construction Complete (FY)</b>	06/30/2010	
<b>Closeout (FY)</b>		

### Related Projects:

There are no projects related to this project.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(05) Equipment	60,844	47,400	11,833	7,147	-5,536	8,096	8,096	8,096	4,048	4,048	8,096	40,480
<b>TOTALS</b>	<b>60,844</b>	<b>47,400</b>	<b>11,833</b>	<b>7,147</b>	<b>-5,536</b>	<b>8,096</b>	<b>8,096</b>	<b>8,096</b>	<b>4,048</b>	<b>4,048</b>	<b>8,096</b>	<b>40,480</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	29,395	26,333	2,970	0	92	0	0	0	0	0	0	0
Equipment Lease (0302)	31,449	21,068	8,863	7,147	-5,628	8,096	8,096	8,096	4,048	4,048	8,096	40,480
<b>TOTALS</b>	<b>60,844</b>	<b>47,400</b>	<b>11,833</b>	<b>7,147</b>	<b>-5,536</b>	<b>8,096</b>	<b>8,096</b>	<b>8,096</b>	<b>4,048</b>	<b>4,048</b>	<b>8,096</b>	<b>40,480</b>

\*A negative balance does not indicate overspending. See introductory chapter for details.

Additional Appropriation Data	
First Appropriation FY	1999
Original 6-Year Budget Authority (\$000)	34,183
Budget Authority Thru FY 2010 (\$000)	101,324
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	101,324
Budget Authority Request for FY 2011 (\$000)	101,324
Increase (Decrease) to Total Authority (\$000)	0

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LA337-ENGINE COMPANY 3 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LA337  
**Ward:** 6  
**Location:** 439 NEW JERSEY AVENUE NW  
**Facility Name or Identifier:** ENGINE 3  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$0



### Description:

This project is a major renovation of Engine Company 3, which is located at 439 New Jersey Avenue N.W. The work includes major improvements and upgrades 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. Most important will be the new Life Safety features including 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 and lighting systems and plumbing will be replaced to the Silver level of the LEED standard for renovations. The apparatus bay doors will be widened to accommodate the larger apparatus that FEMS will be required to purchase to meet the 2010 EPA Clean Air Standards. The terracotta and membrane roof systems will be replaced and the storm water management system replaced. A temporary fire station will provide uninterrupted protection to the community during this project.

### Justification:

This station was built in 1916 and has not had a major renovation since its construction. Engine 3 houses and supports the operations of Engine Company 3 and Ambulance 3 on Capitol Hill. This historic firehouse has only had minor improvements or upgrades since it was constructed so it does not comply with current basic standards such as ADA access, NFPA standards for Fire Stations, and female firefighter locker room accommodations. Although it is structurally sound the infrastructure of the facility is in very poor condition and does not meet basic building, electrical and life safety codes.

### Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	01/02/2010	
<b>Design Complete (FY)</b>	01/02/2011	01/02/2011
<b>Construction Start (FY)</b>	07/01/2011	
<b>Construction Complete (FY)</b>	01/01/2013	
<b>Closeout (FY)</b>	03/01/2013	

### Related Projects:

Projects related to this project are the renovation of Engine 16 (LB 737) and the renovation of Engine 18 (LB 937). These stations are in the same general area as Engine 3 and are similar projects.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	300	85	215	0	0		0	0	0	0	0	0	0
(03) Project Management	0	0	0	0	0		0	480	0	0	0	0	480
(04) Construction	0	0	0	0	0		0	1,200	0	0	0	0	1,200
<b>TOTALS</b>	<b>300</b>	<b>85</b>	<b>215</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>1,680</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,680</b>

Source	Funding By Source - Prior Funding						Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	300	85	215	0	0		0	1,680	0	0	0	0	1,680
<b>TOTALS</b>	<b>300</b>	<b>85</b>	<b>215</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>1,680</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,680</b>

Additional Appropriation Data	
First Appropriation FY	2008
Original 6-Year Budget Authority (\$000)	2,980
Budget Authority Thru FY 2010 (\$000)	2,980
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	2,980
Budget Authority Request for FY 2011 (\$000)	1,980
Increase (Decrease) to Total Authority (\$000)	-1,000

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

# FB0-LA437-ENGINE COMPANY 4 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LA437  
**Ward:** 1  
**Location:** 2531 SHERMAN AVENUE NW  
**Facility Name or Identifier:** ENGINE 4  
**Status:** New  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$2,000,000



## Description:

This project is a major renovation of Engine Company 4, which is at 2531 Sherman Ave. N.W. This station houses and supports the operations of Engine 4, Ambulance 4, Air 1 (the Air Mask Support Unit), the Office of Risk Management, and the office of the Special Operations Battalion Fire Chief. Engine 4 is strategically located near Howard University and provides essential Fire and EMS coverage to Wards 1, 2, 4, 5, and 6 on a daily basis. The work includes major improvements and upgrades that will bring the facility into compliance with current basic standards such as ADA access, Life Safety, female firefighter locker room accommodations, and energy efficient HVAC systems. The building will be redesigned to the Silver level of the LEED standard and all of the building's electrical and lighting systems, roof systems, and deteriorated concrete, and plumbing will be replaced. Most important will be the new Life Safety features by the installation of a fire sprinkler and fire alarm system. A temporary fire station will be built to provide uninterrupted fire protection to the Pleasant Plains neighborhood.

## Justification:

This building has not had any major improvements or upgrades since it was constructed in 1976 so it does not comply with current basic standards such as ADA access, female firefighter locker room accommodations, or an energy efficient HVAC system. Although it is structurally sound the infrastructure of the facility is worn out and has exceeded its projected life span resulting in poor conditions for the First Responders and other Department personnel that work there.

## Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2011	
<b>Design Complete (FY)</b>	10/01/2012	10/01/2012
<b>Construction Start (FY)</b>	04/01/2013	
<b>Construction Complete (FY)</b>	10/01/2014	
<b>Closeout (FY)</b>	12/01/2014	

## Related Projects:

Projects related to this project are Engine 6 (LD 537) and Engine 16 (LB 737). These stations are in the same general area as Engine 4 and are similar projects.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	0	0	0	0	0	0	350	0	0	0	0	350
(04) Construction	0	0	0	0	0	0	0	0	0	0	3,500	3,500
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500</b>	<b>3,850</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	0	0	0	0	0	0	350	0	0	0	3,500	3,850
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500</b>	<b>3,850</b>

Additional Appropriation Data	
First Appropriation FY	2008
Original 6-Year Budget Authority (\$000)	3,350
Budget Authority Thru FY 2010 (\$000)	3,350
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	3,350
Budget Authority Request for FY 2011 (\$000)	3,850
Increase (Decrease) to Total Authority (\$000)	500

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

# FB0-LA837-ENGINE COMPANY 8 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LA837  
**Ward:** 6  
**Location:** 1520 C STREET SE  
**Facility Name or Identifier:** ENGINE COMPANY 8  
**Status:** New  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$2,500,000



## Description:

This project includes interior renovation of the fire station along with needed roof repair and minor repairs to the exterior façade. The work will include limited interior demolition and remodeling to include sufficient lockers and toilets for men and women, negative pressure gear locker storage room, kitchen, office and watch desk area. The project will include plumbing and electrical repairs/upgrades and new fire protection systems throughout as well as removal of the original boiler and installation of a modern forced air heating system along with repairs/upgrades of the existing HVAC mechanical system. This project will bring the building to LEED Silver compliance when completed. A temporary fire station will provide uninterrupted service to the community during this renovation.

## Justification:

This project provides for a major renovation and modernization of Engine 8 and will address longstanding ADA, NFPA, OSHA, and Building Code compliance requirements. This fire station was constructed in 1964 and many of its major building systems are beyond their expected service life. Engine 8 is strategically located in the Stadium/Armory area and provides essential Fire and EMS coverage to Wards 5, 6, 7 and other parts of the city.

## Progress Assessment:

This project will begin the design phase in FY 2012.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2011	
<b>Design Complete (FY)</b>	10/03/2012	10/03/2012
<b>Construction Start (FY)</b>	04/02/2013	
<b>Construction Complete (FY)</b>	10/01/2014	
<b>Closeout (FY)</b>	12/02/2014	

## Related Projects:

Projects related to the renovation of Engine 8 are the renovation of Engine 18 (LB937) and the renovation of Engine 19 (LC137). These stations are in the same vicinity as Engine 8 and are similar projects.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	0	0	0	0	0	350	0	0	0	0	0	350
(04) Construction	0	0	0	0	0	0	0	0	0	0	3,220	3,220
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,220</b>	<b>3,570</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	0	0	0	0	0	350	0	0	0	0	3,220	3,570
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,220</b>	<b>3,570</b>

Additional Appropriation Data	
First Appropriation FY	2008
Original 6-Year Budget Authority (\$000)	3,220
Budget Authority Thru FY 2010 (\$000)	3,220
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	3,220
Budget Authority Request for FY 2011 (\$000)	3,570
Increase (Decrease) to Total Authority (\$000)	350

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

# FB0-LB637-E-15 COMPLETE MODERNIZATION/RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LB637  
**Ward:** 8  
**Location:** 2101 14TH STREET SE  
**Facility Name or Identifier:**  
**Status:** Under design  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$0

## Description:

Renovation and Modernization of Engine Company 15; including a new 1800 sq. ft. apparatus bay addition and a new 600 sq. ft. mechanical/electrical room addition. This subproject will consist of a new 1800 sq. ft. apparatus bay addition; a new 600 sq. ft. mechanical/electrical room addition; replacement of the exterior and interior passage doors; replacement of apparatus bay doors; replacement of all windows; installation of OSHA compliant diesel exhaust recovery system; roof and storm drain replacement; demolition and replacement of select interior walls and replacement of structural members damaged by water; repainting of exterior brick; extensive concrete replacement; up grading of the 1st floor public restroom and entrances to building to make them ADA compliant; renovation installation of dedicated female locker and shower facility; renovate existing men's locker and shower facilities; installation of a new HVAC system; installation of modern fire protective systems; replace and upgrade kitchen; install a negative pressure equipment storage room; asbestos abatement.

## Justification:

## Progress Assessment:

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
Design Start (FY)	01/12/2009	
Design Complete (FY)	02/06/2010	02/06/2010
Construction Start (FY)	10/05/2010	
Construction Complete (FY)	05/17/2011	
Closeout (FY)	07/01/2011	

## Related Projects:

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	300	292	7	0	0	0	0	0	0	0	0	0
(03) Project Management	743	394	344	0	5	0	0	0	0	0	0	0
(04) Construction	134	27	112	0	-5	2,508	0	0	0	0	0	2,508
<b>TOTALS</b>	<b>1,177</b>	<b>713</b>	<b>464</b>	<b>0</b>	<b>0</b>	<b>2,508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,508</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	1,177	713	464	0	0	2,508	0	0	0	0	0	2,508
<b>TOTALS</b>	<b>1,177</b>	<b>713</b>	<b>464</b>	<b>0</b>	<b>0</b>	<b>2,508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,508</b>

Additional Appropriation Data	
First Appropriation FY	2004
Original 6-Year Budget Authority (\$000)	3,686
Budget Authority Thru FY 2010 (\$000)	3,685
FY 2010 Budget Authority Changes	
Redirection	-2,508
Current FY 2010 Budget Authority (\$000)	1,177
Budget Authority Request for FY 2011 (\$000)	3,685
Increase (Decrease) to Total Authority (\$000)	2,508

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LB737-ENGINE COMPANY 16 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LB737  
**Ward:** 2  
**Location:** 1018 13TH STREET NW  
**Facility Name or Identifier:** ENGINE COMPANY 16  
**Status:** New  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$3,000,000



### Description:

This project includes interior renovation of the fire station along with needed roof repair and minor repairs to the exterior façade. The four apparatus bay doors will need to be widened to 12 feet wide and 12 feet high to accommodate the larger apparatus that will be purchased to meet the 2010 EPA Clean Air Emissions Standards. The work will include interior demolition and remodeling to include sufficient lockers and toilets for men and women, negative pressure gearlocker storage room, kitchen, office and watch desk area. Also replacement of the plumbing and electric systems and new fire protection systems throughout as well as replacement/upgrades of the existing HVAC mechanical system. This project will bring the building to LEED Silver compliance when completed. A temporary fire station will provide uninterrupted protection to the community during this project.

### Justification:

This project provides for a complete renovation. The 25,900 sq. ft. three story brick building was constructed in 1932 and there is an application pending for designation as a Historic Landmark. The first two floors of this structure are used as a fire station, while the top floor is occupied by administrative offices of the Emergency Medical Services Bureau. The building is in need of renovation and modernization to preserve and prolong this facility's useful life, as well as comply with current building and life safety codes.

### Progress Assessment:

The design of this renovation is just beginning.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2009	10/01/2009
<b>Design Complete (FY)</b>	10/01/2010	10/01/2010
<b>Construction Start (FY)</b>	04/01/2011	
<b>Construction Complete (FY)</b>	10/01/2012	
<b>Closeout (FY)</b>	12/03/2012	

### Related Projects:

Projects related to this project are Engine 6 (LD537C) and Engine 4 (LA437C). These stations are in the same general area as Engine 16 and are similar projects.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(04) Construction	0	0	591	0	-591	300	0	0	0	0	5,240	5,540
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>591</b>	<b>0</b>	<b>-591</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,240</b>	<b>5,540</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	0	0	591	0	-591	300	0	0	0	0	5,240	5,540
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>591</b>	<b>0</b>	<b>-591</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,240</b>	<b>5,540</b>

\*A negative balance does not indicate overspending. See introductory chapter for details.

Additional Appropriation Data	
First Appropriation FY	2008
Original 6-Year Budget Authority (\$000)	5,540
Budget Authority Thru FY 2010 (\$000)	5,540
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	5,540
Budget Authority Request for FY 2011 (\$000)	5,540
Increase (Decrease) to Total Authority (\$000)	0

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LB937-ENGINE COMPANY 18 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LB937  
**Ward:** 6  
**Location:** 414 8TH STREET SE  
**Facility Name or Identifier:** ENGINE 18  
**Status:** New  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$2,500,000



### Description:

This project will upgrade the electrical, plumbing and HVAC systems of Engine 18. The public restroom on the first floor will be made ADA compliant. A negative pressure gear storage room will be added along with a new watch room and energy efficient kitchen. The apparatus bay doors will be widened 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. This project will be done to LEED Silver level. A fire sprinkler and alarm system will be installed. There will also be minor repairs to the roof and the exterior façade. A temporary fire station will provide uninterrupted protection to the community during this project.

### Justification:

This project will provide a long over-due complete interior renovation and expansion of Engine 18. This station has not had a major renovation since its construction in 1965. It does not comply with current basic standards such as ADA access, female firefighter locker room accommodations, or an energy efficient HVAC system. It is currently housing Engine 18, Truck 7, and Ambulance 18. This renovation will greatly improve the working conditions for all of the personnel assigned to this station and bring the station up to current codes and standards.

### Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	01/01/2011	
<b>Design Complete (FY)</b>	01/01/2012	01/01/2012
<b>Construction Start (FY)</b>	06/01/2012	
<b>Construction Complete (FY)</b>	12/01/2013	
<b>Closeout (FY)</b>	03/01/2014	

### Related Projects:

Projects related to this project are Engine 8 (LA837C) and Engine 3 (LA337C). These stations are in the same general area as Engine 18 and are similar projects.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(04) Construction	0	0	0	0	0	0	0	0	1,100	0	0	1,100
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100</b>	<b>0</b>	<b>0</b>	<b>1,100</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	0	0	0	0	0	0	0	0	1,100	0	0	1,100
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100</b>	<b>0</b>	<b>0</b>	<b>1,100</b>

Additional Appropriation Data	
First Appropriation FY	2008
Original 6-Year Budget Authority (\$000)	3,200
Budget Authority Thru FY 2010 (\$000)	3,200
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	3,200
Budget Authority Request for FY 2011 (\$000)	1,100
Increase (Decrease) to Total Authority (\$000)	-2,100

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LC137- RENOVATIONS TO ENGINE COMPANY 19

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LC137  
**Ward:** 7  
**Location:** 2813 PENNSYLVANIA AVENUE SE  
**Facility Name or Identifier:** ENGINE 19  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$2,500,000



### Description:

This project is a major renovation of Engine 19, which is located at 2813 Pennsylvania Avenue SE. The work includes major improvements and upgrades 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. Most important 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 and lighting systems and plumbing will be replaced to the Silver level of the LEED standard for renovations. The slate roof system will be replaced and the storm water management system replaced. Working with the Historic Preservation Office, we will widen both apparatus bay doors to accommodate the larger apparatus FEMS will be required to purchase to meet the 2010 EPA Clean Emissions Standard and replace all windows with energy efficient windows that match the current windows. A temporary fire station will provide uninterrupted protection to the community during this project.

### Justification:

Built in 1911 this historic firehouse has only had minor improvements or upgrades since it was constructed so it does not comply with current basic standards such as ADA access, female firefighter locker room accommodations, or an energy efficient HVAC system. The electrical system is not large enough to meet the required need and does not meet safety codes. The facility is structurally sound but the infrastructure is in very poor condition and has a high maintenance history. Water damage is a constant problem because the storm drain system is in disrepair and needs to be replaced to work properly.

### Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2009	10/01/2009
<b>Design Complete (FY)</b>	10/01/2010	10/01/2010
<b>Construction Start (FY)</b>	04/01/2011	
<b>Construction Complete (FY)</b>	10/01/2012	
<b>Closeout (FY)</b>	12/01/2012	

### Related Projects:

Projects related to this project are Engine 18 (LB937C) and Engine 30 (LD337C). These stations are in the same general area as Engine 19 and are similar projects.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	300	165	135	0	0	0	0	0	0	0	0	0
(03) Project Management	0	0	228	0	-228	0	0	0	0	0	0	0
(04) Construction	0	0	0	0	0	0	0	0	800	0	0	800
<b>TOTALS</b>	<b>300</b>	<b>165</b>	<b>363</b>	<b>0</b>	<b>-228</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800</b>	<b>0</b>	<b>0</b>	<b>800</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	300	165	363	0	-228	0	0	0	800	0	0	800
<b>TOTALS</b>	<b>300</b>	<b>165</b>	<b>363</b>	<b>0</b>	<b>-228</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800</b>	<b>0</b>	<b>0</b>	<b>800</b>

\*A negative balance does not indicate overspending. See introductory chapter for details.

Additional Appropriation Data	
First Appropriation FY	2007
Original 6-Year Budget Authority (\$000)	2,900
Budget Authority Thru FY 2010 (\$000)	2,900
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	2,900
Budget Authority Request for FY 2011 (\$000)	1,100
Increase (Decrease) to Total Authority (\$000)	-1,800

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LC337-ENGINE 21 RENOVATION / MODERNIZATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LC337  
**Ward:** 1  
**Location:** 1763 LANIER PLACE NW  
**Facility Name or Identifier:** ENGINE 21  
**Status:** New  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$2,500,000



### Description:

This project is a major renovation of Engine Company 21 which is located at 1763 Lanier Place NW. The facility houses and supports the operations of Engine 21 and Medic 21 in the Adams Morgan neighborhood. This historic firehouse has only had minor improvements or upgrades since it was constructed in 1908 and none since 1984. The proposed work includes major improvements and upgrades 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. Most important will be the new Life Safety features by the installation of a fire sprinkler and fire alarm systems. The interior of this historic building will be redesigned and all of the building's electrical and plumbing will be replaced to the Silver level of the LEED standard for renovations. We will widen both apparatus bay doors to accommodate the larger apparatus FEMS will be required to purchase to meet the 2010 EPA Clean Emissions Standard. The structural components of the facility are basically sound with the exception of some structural work that will be required at the rear of the west wall. The terracotta roof system is in in good condition but the storm water management system for it is in poor condition and will be replaced. The bell tower will be refurbished and the bell remounted with a safe design. A temporary fire station will provide uninterrupted protection to the community during this project.

### Justification:

Engine Company 21 does not comply with current basic standards such as ADA access, NFPA standards for Fire Stations, and female firefighter locker room accommodations. The infrastructure of the facility is in poor condition and has exceeded its projected life span. Structural work to the exterior walls will need to be done during this renovation or this problem will become serious enough to threaten the building. Water damage inside the building is a constant problem because the storm drain system is in disrepair and needs replaced to work properly.

### Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2013	
<b>Design Complete (FY)</b>	10/01/2014	10/01/2014
<b>Construction Start (FY)</b>	04/01/2015	
<b>Construction Complete (FY)</b>	10/01/2016	
<b>Closeout (FY)</b>	12/01/2016	

### Related Projects:

Projects related to this project are Engine 6 (LD537C) and Engine 16 (LB737C). These stations are in the same general area as Engine 4 and are similar projects.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(03) Project Management	500	208	286	0	6	153	0	0	0	0	0	153
(04) Construction	51	0	0	0	51	326	0	0	0	0	1,000	1,326
<b>TOTALS</b>	<b>551</b>	<b>208</b>	<b>286</b>	<b>0</b>	<b>57</b>	<b>479</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>1,479</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	551	208	286	0	57	479	0	0	0	0	1,000	1,479
<b>TOTALS</b>	<b>551</b>	<b>208</b>	<b>286</b>	<b>0</b>	<b>57</b>	<b>479</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>1,479</b>

Additional Appropriation Data	
First Appropriation FY	2006
Original 6-Year Budget Authority (\$000)	3,100
Budget Authority Thru FY 2010 (\$000)	3,330
FY 2010 Budget Authority Changes	
Redirection	-479
Current FY 2010 Budget Authority (\$000)	2,851
Budget Authority Request for FY 2011 (\$000)	2,030
Increase (Decrease) to Total Authority (\$000)	-821

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LC437-E-22 FIREHOUSE REPLACEMENT

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LC437  
**Ward:** 4  
**Location:** 5760 GEORGIA AVENUE NW  
**Facility Name or Identifier:** ENGINE 22  
**Status:** Site acquisition required  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$5,100,000

### Description:

Locate a site north of the current site. Design and build a 30,000 square foot four bay facility that can provide the community with effective Fire and EMS Service and provide a community room. The scope of work will include, but not be limited to the following: Locate and purchase a construction site north of the existing site, preferably at Georgia Avenue and Aspen Street NW; Construct a replacement facility for Engine Company 22, Truck 11 and Ambulance 22 and the Fire Investigation Unit. Select and award design contract; Select and award project management; select and Award construction contract.

### Justification:

This project is necessary because the current Engine 22 was built in 1897 and has long outlived its life expectancy. This project is extremely urgent. This project will benefit the District taxpayers will benefit by having the members of Engine 22 working and living in a modern, safe and efficient fire station. This project fits into the mayor's priorities by moving Engine 22, Truck 11 and Ambulance 22 further north and reducing response times in the northern portion of their response area. This project had a site identified and then approval to build a new station on that site was withdrawn. There have been several studies that show that Georgia Avenue and Aspen Street NW is the best location, for effective response times

### Progress Assessment:

We have begun the design phase of this project, but have put it on hold until we can determine if we will be awarded land at Georgia Avenue and Aspen Street NW. FEMS has searched for a suitable site for a new Engine 22 for a number of years and Georgia Avenue and Aspen Street represents the best location for the new station.

### Related Projects:

The relocation of Engine 26 is related to this project. FEMS needs to build a new station for Engine 26 further east in their response area to reduce response times.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	01/12/2009	02/01/2009
<b>Design Complete (FY)</b>	02/06/2012	02/06/2012
<b>Construction Start (FY)</b>	10/05/2012	
<b>Construction Complete (FY)</b>	05/17/2013	
<b>Closeout (FY)</b>	07/01/2013	

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	2,200	563	845	0	792	0	0	0	0	0	0	0
(02) SITE	1,600	1,600	0	0	0	0	0	0	0	0	0	0
(03) Project Management	1,060	0	0	0	1,060	218	0	0	0	0	0	218
(04) Construction	4,864	2,444	1,633	0	787	4,882	0	0	0	0	0	4,882
<b>TOTALS</b>	<b>9,724</b>	<b>4,607</b>	<b>2,478</b>	<b>0</b>	<b>2,639</b>	<b>5,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,100</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	9,724	4,607	2,478	0	2,639	5,100	0	0	0	0	0	5,100
<b>TOTALS</b>	<b>9,724</b>	<b>4,607</b>	<b>2,478</b>	<b>0</b>	<b>2,639</b>	<b>5,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,100</b>

Additional Appropriation Data	
First Appropriation FY	2004
Original 6-Year Budget Authority (\$000)	7,178
Budget Authority Thru FY 2010 (\$000)	12,724
FY 2010 Budget Authority Changes	
Redirection	-3,000
Current FY 2010 Budget Authority (\$000)	9,724
Budget Authority Request for FY 2011 (\$000)	14,824
Increase (Decrease) to Total Authority (\$000)	5,100

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LC537-ENGINE COMPANY 23 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**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:** \$2,500,000



### 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. Most important 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 and 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 we 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 and 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.

### Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	04/01/2009	04/01/2009
<b>Design Complete (FY)</b>	10/01/2010	10/01/2010
<b>Construction Start (FY)</b>	04/01/2011	
<b>Construction Complete (FY)</b>	10/01/2012	
<b>Closeout (FY)</b>	12/01/2012	

### Related Projects:

Projects related to this project are Engine 6 (LD537C) and Engine 3 (LA337C). These stations are in the same general area as Engine 23 and are similar projects.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	300	25	275	0	0	0	0	0	0	0	0	0
(03) Project Management	0	0	0	0	0	200	0	0	0	0	0	200
(04) Construction	0	0	0	0	0	1,000	0	0	0	0	1,200	2,200
<b>TOTALS</b>	<b>300</b>	<b>25</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>1,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,200</b>	<b>2,400</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	300	25	275	0	0	1,200	0	0	0	0	1,200	2,400
<b>TOTALS</b>	<b>300</b>	<b>25</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>1,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,200</b>	<b>2,400</b>

Additional Appropriation Data	
First Appropriation FY	2007
Original 6-Year Budget Authority (\$000)	2,700
Budget Authority Thru FY 2010 (\$000)	2,700
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	2,700
Budget Authority Request for FY 2011 (\$000)	2,700
Increase (Decrease) to Total Authority (\$000)	0

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LC837- RELOCATION OF ENGINE COMPANY 26

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**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:** \$8,291,000



### 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 capital project is for the relocation of the existing fire station at 1340 Rhode Island Avenue, NE. Due to changes in the demographics of the District of Columbia and the strategic plans of the Fire and EMS Department, it is necessary to relocate this station. Our response mapping has identified a particularly under served area east of the current fire station. Maintaining the current location lessens our ability to provide effective service delivery and meet our response time criteria. This project includes site acquisition and construction of a new fire station to house the current companies located at 1340 Rhode Island Ave. N.E., in order to improve our service delivery to the community.

### Progress Assessment:

FEMS is still in the process of acquiring the necessary land to relocate Engine 26.

Milestone Data	Projected	Actual
Environmental Approvals		
Design Start (FY)	10/01/2010	
Design Complete (FY)	10/01/2011	10/01/2011
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

### Related Projects:

This project is related to Relocation of Engine 22 (LC437).

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	300	43	257	0	0	0	0	0	0	0	0	0
(02) SITE	9	6	3	0	0	0	0	0	0	0	0	0
(03) Project Management	0	0	0	0	0	560	0	0	0	320	0	880
(04) Construction	0	0	0	0	0	1,491	0	0	2,300	0	0	3,791
<b>TOTALS</b>	<b>309</b>	<b>49</b>	<b>260</b>	<b>0</b>	<b>0</b>	<b>2,051</b>	<b>0</b>	<b>0</b>	<b>2,300</b>	<b>320</b>	<b>0</b>	<b>4,671</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	309	49	260	0	0	2,051	0	0	2,300	320	0	4,671
<b>TOTALS</b>	<b>309</b>	<b>49</b>	<b>260</b>	<b>0</b>	<b>0</b>	<b>2,051</b>	<b>0</b>	<b>0</b>	<b>2,300</b>	<b>320</b>	<b>0</b>	<b>4,671</b>

Additional Appropriation Data	
First Appropriation FY	2007
Original 6-Year Budget Authority (\$000)	8,550
Budget Authority Thru FY 2010 (\$000)	8,600
FY 2010 Budget Authority Changes	
Redirection	-2,051
Current FY 2010 Budget Authority (\$000)	6,549
Budget Authority Request for FY 2011 (\$000)	4,980
Increase (Decrease) to Total Authority (\$000)	-1,569

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

# FB0-LD337-ENGINE COMPANY 30 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LD337  
**Ward:** 7  
**Location:** 50 49TH STREET NE  
**Facility Name or Identifier:** ENGINE 30  
**Status:** New  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$2,500,000



## Description:

This project will upgrade the electrical, plumbing and HVAC systems and will provide a long over-due complete interior renovation and expansion of Engine 30 at 50 49th Street N.E. This station has not had a major renovation since its construction in 1953 so it does not comply with current basic standards such as ADA access, female firefighter locker room accommodations, or an energy efficient HVAC system. It is currently housing more vehicles than it was designed to hold and needs additional garage space that is necessary to safely enter and leave the facility. This renovation will greatly improve the working conditions for all of the personnel assigned to this station and bring the station up to current codes and standards. A temporary fire station will provide uninterrupted protection to the community during this project.

## Justification:

Engine 30 station has not had a major renovation since its construction in 1953, so it does not comply with current basic standards such as ADA access, female firefighter locker room accommodations, or an energy efficient HVAC system. It is currently housing Engine Company 30, Truck 17, Medic 30 and Ambulance 30 and two reserve pumpers, which are more vehicles than it was designed to hold. Additional garage space is necessary so that equipment can safely enter and leave the facility. This renovation will greatly improve the living conditions for all of the personnel assigned to this station and bring the station up to current codes and standards.

## Progress Assessment:

N/A

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2014	
<b>Design Complete (FY)</b>	10/01/2015	10/01/2015
<b>Construction Start (FY)</b>	04/01/2016	
<b>Construction Complete (FY)</b>	10/01/2017	
<b>Closeout (FY)</b>	12/01/2017	

## Related Projects:

Projects related to this project are Engine 8 (LA837C) and Engine 19 (LC137C). These stations are in the same general area as Engine 30 and are similar projects.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	0	0	0	0	0	0	0	0	175	0	0	175
(04) Construction	0	0	0	0	0	0	0	0	0	500	0	500
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175</b>	<b>500</b>	<b>0</b>	<b>675</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	0	0	0	0	0	0	0	0	175	500	0	675
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175</b>	<b>500</b>	<b>0</b>	<b>675</b>

Additional Appropriation Data	
First Appropriation FY	2008
Original 6-Year Budget Authority (\$000)	3,350
Budget Authority Thru FY 2010 (\$000)	3,350
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	3,350
Budget Authority Request for FY 2011 (\$000)	675
Increase (Decrease) to Total Authority (\$000)	-2,675

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LD437-ENGINE COMPANY 31 RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LD437  
**Ward:** 3  
**Location:** 4930 CONNECTICUT AVENUE NW  
**Facility Name or Identifier:** ENGINE COMPANY 31  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$2,500,000



### Description:

This project includes construction of a 2000 sq-ft., two-story building addition; systems to accommodate an ambulance bay and associated support areas and site work, as well as an interior and exterior renovation of the existing fire station. The two apparatus bay doors will need to be widened to 12 feet wide and 12 feet high to accommodate the larger apparatus that will be purchased to meet the 2010 EPA Clean Emissions Standards. The work will include fairly complete interior demolition with a new floor plan to include sufficient lockers and toilets for men and women, negative pressure gear locker storage room, and watch desk area. The project will include new plumbing and fire protection systems throughout as well as upgrades and extension of the existing HVAC, mechanical and electrical systems in the building. Work on the exterior will be minor and will include repairs to the existing brick façade and slate tile roof. The concrete on the apparatus bays will be replaced and floor drains installed and the front ramp will be repaired. All interior doors and frames will be replaced. This project will bring the building to LEED Silver standard when completed.

### Justification:

This project provides for a partial renovation and 2000 sq. ft. addition to the fire station located at 4930 Connecticut Ave. N.W. The 8,000 sq. ft., two story brick building was constructed in 1930 and has not had a major renovation since its construction. This project will bring this station into compliance for ADA access to the public restroom and Life Safety systems, including, installing a fire sprinkler and fire alarm system. The project will provide space to house additional EMS units which are desperately needed to reduce response times and increase unit availability in the currently underserved areas in Upper Northwest, including portions of Wards 3 and 4.

### Progress Assessment:

Funding for this project has been re-programmed to other projects while stations in the area of Engine 31 are renovated.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2010	
<b>Design Complete (FY)</b>	10/03/2011	10/03/2011
<b>Construction Start (FY)</b>	04/02/2012	
<b>Construction Complete (FY)</b>	10/01/2013	
<b>Closeout (FY)</b>	12/02/2013	

### Related Projects:

Related projects are the modernization and renovation of Engine 4 (LA437C) and Engine 16 (LB737C).

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(03) Project Management	94	0	0	0	94	0	0	0	0	0	0	0
(04) Construction	0	94	0	0	-94	0	0	0	0	0	1,100	1,100
<b>TOTALS</b>	<b>94</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100</b>	<b>1,100</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	94	94	0	0	0	0	0	0	0	0	1,100	1,100
<b>TOTALS</b>	<b>94</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100</b>	<b>1,100</b>

Additional Appropriation Data	
First Appropriation FY	2006
Original 6-Year Budget Authority (\$000)	2,050
Budget Authority Thru FY 2010 (\$000)	2,044
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	2,044
Budget Authority Request for FY 2011 (\$000)	1,194
Increase (Decrease) to Total Authority (\$000)	-850

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

# FB0-LE337-ENGINE 5 COMPLETE RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LE337  
**Ward:** 2  
**Location:** 3412 DENT PLACE NW  
**Facility Name or Identifier:** ENGINE COMPANY 5  
**Status:** Design complete  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$0

## Description:

This project provides for a total renovation of the fire station, which is over 100 years old located at 3412 Dent Place, N.W. The 7200 sq. ft., two-story brick structure is in dire need of total renovation and modernization to preserve and prolong this facility's useful life, as well as comply with current building and life safety codes. The extensive scope of this project includes the following major components; Repair and Restore deteriorating exterior shell; replace and/or refurbish all windows and doors. Completely replace existing HVAC, electric, plumbing and communications systems. Replace roof and roof drainage systems. Install new code compliant fire alarm and fire sprinkler system; Install emergency generator; Replace apparatus doors; install commercial washer and dryer; Replace kitchen, sleeping quarters and living quarters; Replace male and female bathrooms, showers and locker room facilities; new ADA compliant public restroom; install radiant strip heater in apparatus bay; install new negative pressure gear room; Renovate basement; Extensive concrete replacement.

## Justification:

-

## Progress Assessment:

-

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	07/08/2005	
<b>Design Complete (FY)</b>	08/08/2006	08/08/2006
<b>Construction Start (FY)</b>	04/01/2011	
<b>Construction Complete (FY)</b>	04/01/2012	
<b>Closeout (FY)</b>	06/01/2012	

## Related Projects:

-

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	188	170	22	0	-4	479	0	0	0	0	0	479
(03) Project Management	356	208	148	0	0	0	0	0	0	0	0	0
(04) Construction	369	300	66	0	4	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>913</b>	<b>677</b>	<b>236</b>	<b>0</b>	<b>0</b>	<b>479</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>479</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	913	677	236	0	0	479	0	0	0	0	0	479
<b>TOTALS</b>	<b>913</b>	<b>677</b>	<b>236</b>	<b>0</b>	<b>0</b>	<b>479</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>479</b>

Additional Appropriation Data	
First Appropriation FY	2005
Original 6-Year Budget Authority (\$000)	2,419
Budget Authority Thru FY 2010 (\$000)	1,392
FY 2010 Budget Authority Changes	
Redirection	-479
Current FY 2010 Budget Authority (\$000)	913
Budget Authority Request for FY 2011 (\$000)	1,392
Increase (Decrease) to Total Authority (\$000)	479

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LE737-ENGINE 27 MAJOR RENOVATION

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LE737  
**Ward:** 7  
**Location:** 4201 MINNESOTA AVENUE NE  
**Facility Name or Identifier:** ENGINE COMPANY 27  
**Status:** Design complete  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$0

### Description:

This project provides for a total renovation of this 95-year-old fire station at 4201 Minnesota Ave., N.E. The two-story brick structure is in dire need of total renovation and modernization to preserve and prolong this facility's useful life, as well as comply with current building and life safety codes. This aging facility is in poor condition and in need of complete renovation and modernization. Much of the building's infrastructure is original and has exceeded its service life. The building's electrical, plumbing, lighting, HVAC system, and living quarters are in need of replacement. The extensive scope for this building includes the following major components; Repair and restore deteriorating exterior shell; replace and/or refurbish all windows and doors. Completely replace existing HVAC, electric, plumbing and communications systems. Replace roof and roof drainage systems. Install new code compliant fire alarm and fire sprinkler system; Install emergency generator; Replace apparatus doors; install commercial washer and dryer; Replace kitchen, sleeping quarters and living quarters: Replace male and female bathrooms, showers and locker room facilities; new ADA compliant public restroom; install radiant strip heater in apparatus bay; install new negative pressure gear room; Renovate basement; Stabilize the foundation at rear of building. Replace pavement at front apron and side alleys; New Trench drains; Renovate garage.

### Justification:

-

### Progress Assessment:

-

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	10/01/2006	
<b>Design Complete (FY)</b>	10/01/2007	10/01/2007
<b>Construction Start (FY)</b>	04/22/2009	
<b>Construction Complete (FY)</b>	10/22/2010	
<b>Closeout (FY)</b>	12/22/2010	

### Related Projects:

-

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	165	142	24	0	0		0	0	0	0	0	0	0
(03) Project Management	314	66	248	0	0		0	0	0	0	0	0	0
(04) Construction	120	25	95	0	0		1,534	0	0	0	0	0	1,534
<b>TOTALS</b>	<b>599</b>	<b>233</b>	<b>367</b>	<b>0</b>	<b>0</b>		<b>1,534</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,534</b>

Source	Funding By Source - Prior Funding						Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance		FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	599	233	367	0	0		1,534	0	0	0	0	0	1,534
<b>TOTALS</b>	<b>599</b>	<b>233</b>	<b>367</b>	<b>0</b>	<b>0</b>		<b>1,534</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,534</b>

Additional Appropriation Data	
First Appropriation FY	2005
Original 6-Year Budget Authority (\$000)	2,133
Budget Authority Thru FY 2010 (\$000)	2,133
FY 2010 Budget Authority Changes	
Redirection	-1,534
Current FY 2010 Budget Authority (\$000)	599
Budget Authority Request for FY 2011 (\$000)	2,133
Increase (Decrease) to Total Authority (\$000)	1,534

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LE937-SPECIAL OPERATIONS FACILITY

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LE937  
**Ward:** 1  
**Location:** 1336 PARK ROAD N.W.  
**Facility Name or Identifier:** SPECIAL OPERATIONS  
**Status:** Under design  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$0



### Description:

This project is a total renovation of the 100 + year old facility located at 1338 Park Rd. N. W. to function as the new headquarters for the Special Operations Division and Office of Homeland Security which has taken on new and diversified areas of responsibility since the terrorist attacks of September 11, 2001 and is consequently expanding both in personnel and space requirements. This facility will allow for the Divisions expansion, while consolidating its operations within a single facility. Includes: the complete renovation and alteration of the existing facility. The extensive scope of this project includes the following major components; Repair and Restore deteriorating exterior shell; replace and/or refurbish all windows and doors, existing HVAC, electric, plumbing and communications systems, roof and roof drainage systems.

### Justification:

N/A.

### Progress Assessment:

N/A.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>	11/15/2007	
<b>Design Complete (FY)</b>	11/15/2008	11/15/2008
<b>Construction Start (FY)</b>	07/15/2009	
<b>Construction Complete (FY)</b>	12/15/2009	
<b>Closeout (FY)</b>	02/01/2010	

### Related Projects:

N/A.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	0	0	0	0	0	239	0	0	0	0	0	239
(04) Construction	301	0	0	0	301	618	0	0	0	0	0	618
<b>TOTALS</b>	<b>301</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>301</b>	<b>857</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>857</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	301	0	0	0	301	857	0	0	0	0	0	857
<b>TOTALS</b>	<b>301</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>301</b>	<b>857</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>857</b>

Additional Appropriation Data	
First Appropriation FY	2007
Original 6-Year Budget Authority (\$000)	2,300
Budget Authority Thru FY 2010 (\$000)	540
FY 2010 Budget Authority Changes	
Redirection	-239
Current FY 2010 Budget Authority (\$000)	301
Budget Authority Request for FY 2011 (\$000)	1,158
Increase (Decrease) to Total Authority (\$000)	857

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LF239-SCHEDULED CAPITAL MAINTENANCE

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LF239  
**Ward:**  
**Location:** DISTRICT-WIDE  
**Facility Name or Identifier:** N/A  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 20  
**Estimated Full Funding Cost:** \$0

### Description:

This project provides for scheduled capital maintenance in various Department facilities. Scheduled capital maintenance includes; foundation repairs, concrete repairs/replacement, plaster wall repairs/replacement, window repairs/replacement, floor covering repairs/replacement, heating and cooling system repairs/replacement, electrical system repairs/upgrade, lighting systems repair/replacement, plumbing and sanitary drain repair/replacement, fire detection and alarm system repairs/replacement, parking lot repairs/repaving, roof replacement, masonry repairs, safety and security repairs/upgrades, drainage and erosion control, and other major building infrastructure maintenance and repairs.

### Justification:

This project is vital to provide funding for major and minor capital repairs that are constantly needed throughout our 35 various facilities. Our stations suffered severe deterioration through years of insufficient funding to properly maintain our facilities. This project allows us to get repairs done in a timely manner and not allow our personnel to go without much needed repairs.

### Progress Assessment:

This project has allowed FEMS to maintain our facilities in an efficient manner by ensuring the proper funding is available for capital projects.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>		10/01/2004
<b>Design Complete (FY)</b>	09/30/2015	09/30/2015
<b>Construction Start (FY)</b>		10/01/2004
<b>Construction Complete (FY)</b>	09/30/2015	
<b>Closeout (FY)</b>		

### Related Projects:

None.

(Dollars in Thousands)

Funding By Phase - Prior Funding						Proposed Funding						
Phase	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(03) Project Management	500	420	79	0	1	0	0	0	0	0	0	0
(04) Construction	13,370	5,505	4,561	1,594	1,710	3,500	3,500	2,500	1,750	1,500	3,500	16,250
<b>TOTALS</b>	<b>13,870</b>	<b>5,925</b>	<b>4,640</b>	<b>1,594</b>	<b>1,711</b>	<b>3,500</b>	<b>3,500</b>	<b>2,500</b>	<b>1,750</b>	<b>1,500</b>	<b>3,500</b>	<b>16,250</b>

Funding By Source - Prior Funding						Proposed Funding						
Source	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	13,870	5,925	4,640	1,594	1,711	3,500	3,500	2,500	1,750	1,500	3,500	16,250
<b>TOTALS</b>	<b>13,870</b>	<b>5,925</b>	<b>4,640</b>	<b>1,594</b>	<b>1,711</b>	<b>3,500</b>	<b>3,500</b>	<b>2,500</b>	<b>1,750</b>	<b>1,500</b>	<b>3,500</b>	<b>16,250</b>

Additional Appropriation Data	
First Appropriation FY	2005
Original 6-Year Budget Authority (\$000)	1,750
Budget Authority Thru FY 2010 (\$000)	31,370
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	31,370
Budget Authority Request for FY 2011 (\$000)	30,120
Increase (Decrease) to Total Authority (\$000)	-1,250

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

## FB0-LG337-FIRE TRAINING SIMULATORS

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LG337  
**Ward:** 8  
**Location:** 4600 SHEPHERD PARKWAY SW  
**Facility Name or Identifier:** FIRE & EMS TRAINING ACADEMY  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$1,100,000



### Description:

This project involves the installation of various training simulators, props and other devices used to provide a safe, controlled and yet, realistic training environment for recruits, experienced firefighters, emergency medical providers and special operations personnel as provided for in the Training Academy Master Plan. Simulators will include remotely controlled, propane gas fired props to simulate automobile fires, gas meter fires, and flammable liquid spill fires, securely mounted on a concrete pad with appropriate emergency shut off devices installed. Also included is construction of a fire extinguisher training area with a code compliant extinguishing agent containment/recycling system, a large concrete pad with appropriate props for safely conducting automobile extrication training, and a concrete simulation of a trench excavation to be used for cave-in/collapse rescue training.

### Justification:

This project is critical toward providing much needed training to our firefighters. The agency has been forced to contract with other state agencies to provide training due to the lack of available resources. This investment in training will show a positive correlation to the reduction of injuries on the fireground.

### Progress Assessment:

This is an ongoing project with different training props being purchased in different fiscal years.

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

### Related Projects:

There are no projects related to this project.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	306	162	0	0	143	0	0	0	0	0	0	0
(03) Project Management	700	0	460	0	240	0	0	0	0	0	0	0
(04) Construction	1,694	85	1,609	14	-14	270	1,100	0	550	0	0	1,920
<b>TOTALS</b>	<b>2,700</b>	<b>248</b>	<b>2,069</b>	<b>14</b>	<b>369</b>	<b>270</b>	<b>1,100</b>	<b>0</b>	<b>550</b>	<b>0</b>	<b>0</b>	<b>1,920</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	2,700	248	2,069	14	369	270	1,100	0	550	0	0	1,920
<b>TOTALS</b>	<b>2,700</b>	<b>248</b>	<b>2,069</b>	<b>14</b>	<b>369</b>	<b>270</b>	<b>1,100</b>	<b>0</b>	<b>550</b>	<b>0</b>	<b>0</b>	<b>1,920</b>

Additional Appropriation Data	
First Appropriation FY	2007
Original 6-Year Budget Authority (\$000)	4,940
Budget Authority Thru FY 2010 (\$000)	7,100
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	7,100
Budget Authority Request for FY 2011 (\$000)	4,620
Increase (Decrease) to Total Authority (\$000)	-2,480

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
No estimated operating impact							

## FB0-LG537-TRAINING ACADEMY SITE IMPROVEMENTS

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LG537  
**Ward:** 8  
**Location:** 4600 SHEPHERD PARKWAY SW  
**Facility Name or Identifier:** FIRE & EMS TRAINING ACADEMY  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 30  
**Estimated Full Funding Cost:** \$990,000



### Description:

This project funds the demolition of the original recruit training building after the construction of the new recruit training building. This work will include the complete demolition and removal of the original recruit training building and the temporary (trailer) buildings, site work, grading, paving and utility upgrades that will be necessary with the new building. This project will also allow for the completion of the new traffic flow pattern envisioned in the Training Academy Master Plan.

### Justification:

The Training Academy recruit building was built in 1960. It has long out lived its life expectancy. It does not have the classroom size or necessary infrastructure to support a proper learning environment. FIRE & EMS has recently hired a large number of employees in order to bring the Department to full strength. The Department plans to continue to maintain this level of hiring for years to come. FIRE & EMS is also working with MPD to possibly have a combined Training Academy.

### Progress Assessment:

This project is in the design phase.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
Design Start (FY)		10/01/2007
Design Complete (FY)	10/01/2010	10/01/2010
Construction Start (FY)	04/01/2011	
Construction Complete (FY)	04/01/2013	
Closeout (FY)	06/03/2013	

### Related Projects:

There is no project related to this project.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	350	198	152	0	0	0	0	0	0	0	0	0
(03) Project Management	150	0	0	0	150	0	300	0	0	0	0	300
(04) Construction	250	96	183	0	-29	250	2,200	0	3,100	3,100	3,240	11,890
<b>TOTALS</b>	<b>750</b>	<b>294</b>	<b>335</b>	<b>0</b>	<b>121</b>	<b>250</b>	<b>2,500</b>	<b>0</b>	<b>3,100</b>	<b>3,100</b>	<b>3,240</b>	<b>12,190</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	750	294	335	0	121	250	2,500	0	3,100	3,100	3,240	12,190
<b>TOTALS</b>	<b>750</b>	<b>294</b>	<b>335</b>	<b>0</b>	<b>121</b>	<b>250</b>	<b>2,500</b>	<b>0</b>	<b>3,100</b>	<b>3,100</b>	<b>3,240</b>	<b>12,190</b>

Additional Appropriation Data	
First Appropriation FY	2008
Original 6-Year Budget Authority (\$000)	3,100
Budget Authority Thru FY 2010 (\$000)	18,400
FY 2010 Budget Authority Changes	0
Current FY 2010 Budget Authority (\$000)	18,400
Budget Authority Request for FY 2011 (\$000)	12,940
Increase (Decrease) to Total Authority (\$000)	-5,460

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							

# FB0-LI237-INTEGRATED INFORMATION MANAGEMENT SYSTEMS

**Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Implementing Agency:** FIRE AND EMERGENCY MEDICAL SERVICES (FB0)  
**Project No:** LI237  
**Ward:** 1  
**Location:** 1923 VERMONT AVENUE NW  
**Facility Name or Identifier:**  
**Status:** Ongoing Subprojects  
**Useful Life of the Project:** 10+  
**Estimated Full Funding Cost:** \$0



## Description:

DC Fire and EMS is in critical need of updating and modernizing its work flow and reporting capabilities for several business functions. The fire incident reporting system is outdated and needs a major overhaul in order to meet National Fire Incident Reporting System Requirements, and to provide incident event data streams to the City Wide Data Warehouse and other tactical operational support platforms and or dashboards for emergency response and public health. Several major business processes need modernization and electronic work flow processing. This project proposes to modernize all major business functions, identify business processes in need of re-engineering, identify software requirements and cost benefit analysis, and procure fire department specific solutions that best meet the specific program missions, goals and objectives of the agency. Major Objectives include: 1) Develop Project Plan for modernizing F&EMS business processes. 2) Identify requirements for all core business functions in dire need of electronic record keeping and business processes re-engineering. 3) Upgrade or replace existing systems and integrate with data streams from the OUC 911 Center. 4) Deploy business unit modules in phased deployments over 3 years. 5) Upgrade existing applications, database, and web servers to support integrated data management with other agencies.

## Justification:

The existing software and hardware systems are beyond end of life, at high risk for systems failure, and need to be brought up to date to meet current DC government requirements for data security, redundancy, COOP, and HIPAA security requirements. Several interagency programs would like to obtain data streams from F&EMS, but the data is not available electronically. Training, personnel, staffing, and resource deployment tools need to be integrated across systems in order to provide more effective management and reporting capabilities. Many programs are burdened by paper processes that need converting to electronic forms and database capture.

## Progress Assessment:

Preliminary work has begun in examining business processes and workflow, and identifying priorities for modernization.

Milestone Data	Projected	Actual
<b>Environmental Approvals</b>		
<b>Design Start (FY)</b>		
<b>Design Complete (FY)</b>	03/30/2009	03/30/2009
<b>Construction Start (FY)</b>	06/15/2009	
<b>Construction Complete (FY)</b>	07/30/2011	
<b>Closeout (FY)</b>	09/30/2011	

## Related Projects:

LI337, Mobile Field Force Deployment – This project provides for development of mobile field reporting platforms for the Inspection and Enforcement Programs. These mobile field inspectors will use their mobile platforms to submit and retrieve information to and from the agency database systems.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
(01) Design	6	6	0	0	0	861	0	0	0	0	0	861
(03) Project Management	47	0	47	0	0	0	0	0	0	0	0	0
(04) Construction	124	95	29	0	0	0	0	0	0	0	0	0
(05) Equipment	163	163	0	0	0	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>339</b>	<b>263</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>861</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>861</b>

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Yr Total
GO Bonds - New (0300)	339	263	76	0	0	861	0	0	0	0	0	861
<b>TOTALS</b>	<b>339</b>	<b>263</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>861</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>861</b>

Additional Appropriation Data	
First Appropriation FY	2009
Original 6-Year Budget Authority (\$000)	1,500
Budget Authority Thru FY 2010 (\$000)	1,200
FY 2010 Budget Authority Changes	
Redirection	-861
Current FY 2010 Budget Authority (\$000)	339
Budget Authority Request for FY 2011 (\$000)	1,200
Increase (Decrease) to Total Authority (\$000)	861

Estimated Operating Impact							
Expenditure (+) or Cost Reduction (-)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	6 Year Total
No estimated operating impact							