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# County Offices and Improvements

## PROGRAM DESCRIPTION AND OBJECTIVES

The Department of General Services (DGS) Capital Improvements Program supports the planning, design, construction, renovation, and replacement of facilities required by the operating departments of the County government. In addition, the program provides for the scheduled replacement of roofs, internal systems (such as air conditioning), and other components in all buildings owned by the County government.

In addition to general government projects directly under the supervision of DGS, the Department conducts site selection and design/construction coordination for facility-related projects required by other County departments, including Libraries, Recreation, Fire/Rescue, Police, Correction and Rehabilitation, and Transportation. These projects make use of DGS design and construction management expertise and are discussed in sections of the CIP covering the specific programs of the other departments.

The DGS Capital Program continues to reflect an emphasis on systemic replacement programs. Significant expenditures include heating, ventilating, and air conditioning (HVAC) systems, and roof replacement as the two most expensive components of a building. Projects such as Energy Conservation: MCG are an investment in lower operating costs through improved and more efficient lighting and other energy-consuming systems.

In addition to systems replacement and improvement programs, DGS builds, repairs, and renovates structures used by County agencies. When operating departments propose renovations to their buildings (such as libraries or fire stations) for improved operational use, DGS also assesses the condition of the physical plant and building systems. Generally, if a decision is made to renovate a specific facility, all work will be included within the project. If less than a full-scale renovation is needed, then work required for roofs, HVAC, electrical systems, and modifications to comply with the Americans with Disabilities Act will be budgeted within the respective systemic projects.

The Technology Modernization project, administered by the County Executive's office, provides for the replacement, upgrade, and implementation of Information Technology (IT) initiatives that will ensure ongoing viability of key processes, replace outdated and vulnerable systems, and produce a high return in terms of customer service and accountability. Major new IT systems launched through this project are Enterprise Resource Planning (ERP), 311/Constituent Relationship Management (CRM), and related Business Process Review.

## HIGHLIGHTS

- Add a new project to provide funding for building envelope repair for County buildings and facilities.
- Add design and construction funding for Phase II of the Red Brick Courthouse Renovation.
- Provide design and contract funding for the HVAC system replacement in the Executive Office Building.
- Continue to replace aging County building roof systems, parking lots, HVAC and electrical systems, and elevator systems.

## PROGRAM CONTACTS

Contact Angela Dizelos of the Department of General Services at 240.777.6028 or Erika Lopez-Finn of the Office of Management and Budget at 240.777.2771 for more information regarding the County Offices and Other Improvements capital budget.

## CAPITAL PROGRAM REVIEW

The recommended FY15-20 CIP for DGS includes 21 capital projects totaling \$212.2 million. This represents a \$53.5 million, or 20.1 percent, decrease from the \$265.7 million included in the Amended FY13-18 program. The cost decrease is due primarily to the partial completion of projects such as Technology Modernization, Public Safety System Modernization, MCPS Food Distribution Facility Relocation, and the progress of other previously approved projects.

## SMART GROWTH INITIATIVE

The Recommended FY15-20 Capital Improvements Program includes the following project, totaling \$7.9 million that is a component of the County Executive's Smart Growth Initiative:

- Montgomery County Radio Shop Relocation — No. 360902: This ongoing project provides for the relocation of the facility at 16551 Crabbs Branch Way.

# Life Safety Systems: MCG (P509970)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |              |              |              |            |            |            |            |            |          |
|----------------------------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|----------|
| Planning, Design and Supervision | 1,486        | 880          | 186          | 420          | 70         | 70         | 70         | 70         | 70         | 0        |
| Land                             | 0            | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Site Improvements and Utilities  | 328          | 328          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Construction                     | 6,470        | 1,464        | 1,676        | 3,330        | 555        | 555        | 555        | 555        | 555        | 0        |
| Other                            | 904          | 904          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>                     | <b>9,188</b> | <b>3,576</b> | <b>1,862</b> | <b>3,750</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |              |              |              |              |            |            |            |            |            |          |
|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|----------|
| G.O. Bonds   | 9,188        | 3,576        | 1,862        | 3,750        | 625        | 625        | 625        | 625        | 625        | 0        |
| <b>Total</b> | <b>9,188</b> | <b>3,576</b> | <b>1,862</b> | <b>3,750</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |          |          |          |          |          |          |          |
|-------------------|--|--|--|----------|----------|----------|----------|----------|----------|----------|
| Maintenance       |  |  |  | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Net Impact</b> |  |  |  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 625   |
| Appropriation Request Est.         | FY 16 | 625   |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 5,438 |
| Expenditure / Encumbrances         |       | 3,876 |
| Unencumbered Balance               |       | 1,562 |

|                          |       |       |
|--------------------------|-------|-------|
| Date First Appropriation | FY 99 |       |
| First Cost Estimate      |       |       |
| Current Scope            | FY 15 | 9,188 |
| Last FY's Cost Estimate  |       | 7,938 |
| Partial Closeout Thru    |       | 0     |
| New Partial Closeout     |       | 0     |
| Total Partial Closeout   |       | 0     |

### Description

This project provides funding for installation of modern life safety systems to protect the County's facilities and to protect buildings in the event of fire emergencies. Implementation of this project will help to minimize the dangers to life from fire, including smoke and fumes. The scope of the project encompasses fire alarms with voice addressable capabilities, sprinklers for fire suppression, fire and smoke detection, smoke control systems, and emergency generators.

### Cost Change

Increase is due to additional funding in FY19 and FY20.

### Justification

Numerous existing facilities are in need of modern, basic life safety systems. In many older facilities, there are no emergency generators, fire alarms or sprinklers. Emergency generators are critical to support fire alarms and fire pumps during power outages. Some facilities are 24-hour residential facilities. In case of fire, there could be a significant potential exposure to loss of life and property. Most of the facilities do not meet code and have outdated fire alarm systems for which spare parts are no longer available and which can no longer be kept in reliable operation. Many of these County facilities were built years ago, and thus, were grandfathered under the fire code since the occupancy category has not changed. The outdated systems need to be replaced and upgraded to provide improved protection to County employees and County properties.

Facility condition assessments of 73 County facilities, completed by a consultant in FY05, FY06, and FY07, have been used to structure and prioritize the six-year program. "The Third Report of the Infrastructure Maintenance Task Force (March 2008)," identified an annual level of effort for life safety systems based on a 25-year lifespan.

### Other

Scheduled replacements:

FY15: Holiday Park Senior Center, Colesville Health Center, Signal Shop Bethesda Depot, Grey Brick Courthouse, One Lawrence Court (Alcohol Rehab)

FY16: Bushey Drive Recreation Headquarters, Potomac Library, Davis Library, Layhill Group Home, Brook Grove Daycare, Fire Station #10 (Bethesda-Cabin John)

### Disclosures

Expenditures will continue indefinitely.

### Coordination

Departments affected by Life Safety Systems projects, Department of General Services

# Technology Modernization -- MCG (P150701)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency County Executive (AAGE03)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |                |               |               |              |              |            |          |          |          |          |
|----------------------------------|----------------|---------------|---------------|--------------|--------------|------------|----------|----------|----------|----------|
| Planning, Design and Supervision | 113,565        | 87,585        | 16,863        | 9,117        | 8,667        | 450        | 0        | 0        | 0        | 0        |
| Land                             | 0              | 0             | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0              | 0             | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Construction                     | 0              | 0             | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Other                            | 56             | 0             | 56            | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| <b>Total</b>                     | <b>113,621</b> | <b>87,585</b> | <b>16,919</b> | <b>9,117</b> | <b>8,667</b> | <b>450</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |                |               |               |              |              |            |          |          |          |          |
|--------------------------|----------------|---------------|---------------|--------------|--------------|------------|----------|----------|----------|----------|
| Current Revenue: General | 62,517         | 49,462        | 6,420         | 6,635        | 6,635        | 0          | 0        | 0        | 0        | 0        |
| Federal Aid              | 1,059          | 0             | 741           | 318          | 264          | 54         | 0        | 0        | 0        | 0        |
| Land Sale                | 2,634          | 2,634         | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Recordation Tax Premium  | 2,623          | 0             | 2,623         | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Short-Term Financing     | 44,788         | 35,489        | 7,135         | 2,164        | 1,768        | 396        | 0        | 0        | 0        | 0        |
| <b>Total</b>             | <b>113,621</b> | <b>87,585</b> | <b>16,919</b> | <b>9,117</b> | <b>8,667</b> | <b>450</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                           |  |  |  |               |              |              |              |              |              |              |
|---------------------------|--|--|--|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Maintenance               |  |  |  | 50,552        | 3,037        | 9,503        | 9,503        | 9,503        | 9,503        | 9,503        |
| Productivity Improvements |  |  |  | -5,574        | -929         | -929         | -929         | -929         | -929         | -929         |
| <b>Net Impact</b>         |  |  |  | <b>44,978</b> | <b>2,108</b> | <b>8,574</b> | <b>8,574</b> | <b>8,574</b> | <b>8,574</b> | <b>8,574</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |         |
|------------------------------------|-------|---------|
| Appropriation Request              | FY 15 | 8,667   |
| Appropriation Request Est.         | FY 16 | 450     |
| Supplemental Appropriation Request |       | 0       |
| Transfer                           |       | 0       |
| Cumulative Appropriation           |       | 104,504 |
| Expenditure / Encumbrances         |       | 87,585  |
| Unencumbered Balance               |       | 16,919  |

|                          |               |
|--------------------------|---------------|
| Date First Appropriation | FY 07         |
| First Cost Estimate      |               |
| Current Scope            | FY 13 113,621 |
| Last FY's Cost Estimate  | 113,621       |

## Description

This project provides for the replacement, upgrade, and implementation of IT initiatives that will ensure ongoing viability of key processes, replace outdated and vulnerable systems, and produce a high return in terms of customer service and accountability to our residents. Major new IT systems that have been completed through this project include the Enterprise Resource Planning (ERP) Financial and Human Resources modules, foundation phase of the 311/Constituent Relationship Management (CRM), Electronic Time reporting (MCTime), and related Business Process Review (BPR). Planning activities for the Department of Health and Human Services (HHS) technology modernization of key systems and processes are underway. The Budgeting module of the ERP system (Hyperion) and additional self-service functionality is currently underway and the workforce component of the Hyperion System has been completed. The ERP project was implemented to modernize Core Business Systems to improve the efficiency, effectiveness, and responsiveness of the County Government. The ERP project provided needed upgrades to the County's financial, procurement, human resource, payroll, and budgeting systems and streamlined existing business processes. Additional BPR is needed to continue the alignment of County business processes with the new system and related enterprise impacts and to maximize the return on the County's IT investment. The 311/CRM system combines advanced telephony, internet, and computer technology with constituent-focused business processes. Residents are now able to call one number to access County government services. The 311/CRM system includes built-in tracking and accountability features to assure that every call receives a timely response. In addition, the 311/CRM system produces information on County efficiency and effectiveness in responding to requests for information and service requests. This information is used by the Chief Administrative Officer, CountyStat, and operating departments to track and improve performance and customer service. Completion of Phase I of the current MC311 (CRM) included developing an automated service request processing system for the County's Department of Transportation including converting the systems currently used for leaf pick-up, snow removal, tree issues, and street light outages. Phase II of the project will include modernization of the County's Tax Assessment Billing System. This system is used to annually calculate and bill County residents for County and municipal property taxes, solid waste fees, water quality fees, WSSC fees, and other fees, taxes, and related credits. The HHS technology modernization involves the product identification and modification and implementation of an enterprise Health and Human Services system that includes the following components: intake and eligibility; common client index; document imaging and electronic records; case management and billing capabilities for HHS; a portal for legacy and enterprise systems; and a data warehouse.

## Justification

## Technology Modernization -- MCG (P150701)

According to a 2004 ranking of major existing technology systems based on their current health and relative need for upgrade or replacement, the County's then current core business systems (ADPICS, FAMIS, BPREP, and HRMS) were ranked as Priority #1, which means obsolete or vulnerable critical system in immediate risk of failure. These at-risk systems were replaced with a state of the art ERP system which provides a common database supporting financials, procurement, budget, and HR/payroll, and includes system-wide features for security, workflow, and reporting, and up-to-date technology architecture. Montgomery County seeks to set a national standard for accountability and responsiveness in governance and the delivery of services to its residents and businesses. Tax Assessment Billing System: The current system is over 30 years old, is only internally supported, and is used for the collection of over \$2 billion in revenues annually. Health and Human Services: This technology modernization effort will ensure ongoing viability of key processes, replace outdated and vulnerable systems, create staff operating efficiencies and produce a high return in terms of customer service and accountability to our residents. Related plans and studies include the Information Technology Interagency Funding and Budgeting Committee's report of September 30, 2003, and the Montgomery County Government FY06 IT Budget Overview prepared by Department of Technology Services.

### **Other**

The Technology Modernization - MCG project is intended to serve as an ongoing resource for future IT modernization and related process engineering to the County Government's business systems beyond the currently defined project scope. Future projects may include the following: CRM - Citizen Relationship Management Phase II: This initiative will extend the service to municipalities in the County and other County agencies (e.g. Board of Education, M-NCPPC, Montgomery College). This initiative will proceed based upon interest from these organizations and agreement on funding. Objectives include creation of a Citizen Relationship Management (CRM) program to develop or convert automated capabilities for all appropriate County services including: Case Management Events, Management Field Services, Grants Management, Help Desk Solutions, Point of Sales, Resident Issue Tracking System, Work Order Processing System, ERP - Enterprise Resource Planning, Business Intelligence/Data Warehouse Development, Loan Management, Property Tax Billing and Collection, Public Access to Contractor Payments, Upgrade to Oracle E-Business/Kronos/Siebel, and Enhancements to comply with evolving Payment Card Industry (PCI) mandates.

### **Fiscal Note**

Project funding includes short-term financing for integrator services and software costs. The Operating Budget Impact (OBI) estimates providing the above included the costs associated with supporting the Technology Modernization project after implementation, including staff returning to their home departments from the project office to provide on-going support, knowledge transfer, and to serve as "super users", as well as staff and contractors necessary to support the system, maintenance agreements with software vendors, and costs associated with the Sustaining Organization through FY16-18. The establishment of a sustaining organization is needed post-implementation to resolve problems, facilitate communication across business processes because of the system integration, produce reports, and re-engineer business processes. Productivity Improvements achieved through this project include absorbing staffing reductions in the Information Technology, Fiscal, Budget, Administration, Clerical, Human Resource, and Financial Occupational classifications (FY08-12); termination of maintenance agreements for legacy systems; termination of the keypunching contract for the manual timesheet process; and other related savings. Total estimated savings related to this project through FY12 are estimated at over \$36 million including the reduction of over 320 full time equivalent positions in the County Government. For FY14, funding schedule reflects a \$2,623,000 increase in Recordation Tax Premium and an offsetting decrease in General Fund Current Revenues.

### **Coordination**

MCG efforts are coordinated with applicable agencies during the project planning, requirements gathering, and requests for proposal (RFP) phases: Offices of the County Executive, Office of the County Council, Department of Finance, Department of Technology Services, Office of Procurement, Office of Human Resources, Office of Management and Budget, Department of Health and Human Services, all MCG Departments and Offices, Maryland Department of Human Resources, Maryland Department of Health and Mental Hygiene

# Elevator Modernization (P509923)

Category  
Sub Category  
Administering Agency  
Planning Area

General Government  
County Offices and Other Improvements  
General Services (AAGE29)  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

1/6/14  
No  
None  
Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |              |              |              |              |              |              |              |              |          |
|----------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 2,668         | 1,555        | 213          | 900          | 150          | 150          | 150          | 150          | 150          | 150          | 0        |
| Land                             | 1             | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Site Improvements and Utilities  | 115           | 115          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 12,742        | 3,762        | 3,880        | 5,100        | 850          | 850          | 850          | 850          | 850          | 850          | 0        |
| Other                            | 128           | 128          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>15,654</b> | <b>5,560</b> | <b>4,094</b> | <b>6,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |               |              |              |              |              |              |              |              |              |              |          |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds   | 15,654        | 5,560        | 4,094        | 6,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 0        |
| <b>Total</b> | <b>15,654</b> | <b>5,560</b> | <b>4,094</b> | <b>6,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |          |          |          |          |          |          |          |          |
|-------------------|--|--|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Energy            |  |  |  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Maintenance       |  |  |  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Net Impact</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> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 1,000 |
| Appropriation Request Est.         | FY 16 | 1,000 |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 9,654 |
| Expenditure / Encumbrances         |       | 5,820 |
| Unencumbered Balance               |       | 3,834 |

|                          |       |        |
|--------------------------|-------|--------|
| Date First Appropriation | FY 99 |        |
| First Cost Estimate      |       |        |
| Current Scope            | FY 15 | 15,654 |
| Last FY's Cost Estimate  |       | 13,654 |
| Partial Closeout Thru    |       | 0      |
| New Partial Closeout     |       | 0      |
| Total Partial Closeout   |       | 0      |

## Description

This project provides for the orderly replacement/renovation of aging and outdated elevator systems in County-owned buildings. This project also includes periodic condition assessments of elevator systems in County buildings.

## Cost Change

Increase is due to the addition of FY19 and FY20 to this ongoing project.

## Justification

Many elevator systems in County buildings are inefficient, outdated, and beyond economic repair. The useful life of heavy use equipment (hoist, machine motor generation set, governor, controls, car safety devices, door operator, rails, air conditioning pump units, car buffers, door hardware, etc.) has been exhausted. The existing maintenance program is only capable of keeping the elevator operational, since spare parts are not always readily available in the market, resulting in increased shut down time, greater energy consumption, and higher maintenance costs. Renovation/replacement of aging and outdated elevator systems improves reliability, energy conservation, safety, and code compliance. Facility condition assessments of 73 County facilities, completed by a consultant in FY05, FY06, and FY07, have been used to prioritize the six-year program. The March 2010 Report of the Infrastructure Maintenance Task Force, identified an annual level of effort for elevator modernization based on a 25-year lifespan.

## Other

Scheduled elevator modernizations:

FY15: Public Safety Headquarters; Holiday Park Senior Center; Chevy Chase Library.

FY16: Grey Brick Courthouse; Davis Library

## Disclosures

Expenditures will continue indefinitely.

## Coordination

Departments affected by Elevator Modernization projects, Department of General Services

# Resurfacing Parking Lots: MCG (P509914)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |              |              |            |            |            |            |            |          |
|----------------------------------|---------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|----------|
| Planning, Design and Supervision | 617           | 361          | 76           | 180          | 30         | 30         | 30         | 30         | 30         | 0        |
| Land                             | 0             | 0            | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Site Improvements and Utilities  | 97            | 97           | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Construction                     | 9,383         | 3,115        | 2,548        | 3,720        | 620        | 620        | 620        | 620        | 620        | 0        |
| Other                            | 58            | 58           | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>                     | <b>10,155</b> | <b>3,631</b> | <b>2,624</b> | <b>3,900</b> | <b>650</b> | <b>650</b> | <b>650</b> | <b>650</b> | <b>650</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                                   |               |              |              |              |            |            |            |            |            |          |
|-----------------------------------|---------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|----------|
| Department of Liquor Control Fund | 157           | 92           | 65           | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| G.O. Bonds                        | 9,998         | 3,539        | 2,559        | 3,900        | 650        | 650        | 650        | 650        | 650        | 0        |
| <b>Total</b>                      | <b>10,155</b> | <b>3,631</b> | <b>2,624</b> | <b>3,900</b> | <b>650</b> | <b>650</b> | <b>650</b> | <b>650</b> | <b>650</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 650   |
| Appropriation Request Est.         | FY 16 | 650   |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 6,255 |
| Expenditure / Encumbrances         |       | 3,749 |
| Unencumbered Balance               |       | 2,506 |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 99        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 10,155 |
| Last FY's Cost Estimate  | 8,855        |
| Partial Closeout Thru    | 0            |
| New Partial Closeout     | 0            |
| Total Partial Closeout   | 0            |

## Description

This project provides for the design and major rehabilitation of existing asphalt parking lots and associated drainage structures. Work includes milling and re-paving, full depth reconstruction of failed areas, and re-establishing positive drainage.

## Cost Change

Increase is due to the addition of FY19 and FY20 to this ongoing project and is partially offset by the capitalization of prior expenditures.

## Justification

The age and condition of paved surfaces (primarily parking lots) at County facilities creates the need for this project. The deterioration of bituminous pavement occurs because of bitumen evaporation, infiltration of moisture, exposure to the environment, and disintegration due to salt and other compounds used during the winter. The maintenance and repair of paved surfaces is managed through the County's facilities maintenance program. A facility planning approach to major repair and resurfacing of paved surfaces has established a validated inventory of paved surfaces requiring major work; allowed for systematic planning and execution to eliminate the inventory of major work; and begun to arrest the continuing deterioration of paved surfaces, preventing more costly total reconstruction. This project implements an annual major repair and resurfacing program for paved surfaces as they reach the end of their useful life. The results of facility condition assessments for 73 County facilities, completed by a consultant in FY05, FY06 and 07, have been used to prioritize the six year program. The March 2010 Report of the Infrastructure Maintenance Task Force, identified an annual level of effort for parking lot resurfacing based on an average 20 year life for parking lots.

## Other

Parking lots may be accelerated or delayed based on changing priorities and needs.

Parking lots scheduled for resurfacing:

FY15: 4th District Police Station; Potomac Community Center; Kensington Park Library

FY16: Leland Community Center; Grey Brick Courthouse; Clara Barton Recreation and Daycare Center

## Disclosures

Expenditures will continue indefinitely.

## Coordination

Department of General Services, Departments affected by resurfacing projects

# Planned Lifecycle Asset Replacement: MCG (P509514)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |            |              |              |            |            |            |            |            |          |
|----------------------------------|--------------|------------|--------------|--------------|------------|------------|------------|------------|------------|----------|
| Planning, Design and Supervision | 498          | 94         | 44           | 360          | 60         | 60         | 60         | 60         | 60         | 0        |
| Land                             | 0            | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Site Improvements and Utilities  | 126          | 126        | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Construction                     | 6,614        | 39         | 2,435        | 4,140        | 690        | 690        | 690        | 690        | 690        | 0        |
| Other                            | 0            | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>                     | <b>7,238</b> | <b>259</b> | <b>2,479</b> | <b>4,500</b> | <b>750</b> | <b>750</b> | <b>750</b> | <b>750</b> | <b>750</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |              |            |              |              |            |            |            |            |            |          |
|--------------|--------------|------------|--------------|--------------|------------|------------|------------|------------|------------|----------|
| G.O. Bonds   | 7,238        | 259        | 2,479        | 4,500        | 750        | 750        | 750        | 750        | 750        | 0        |
| <b>Total</b> | <b>7,238</b> | <b>259</b> | <b>2,479</b> | <b>4,500</b> | <b>750</b> | <b>750</b> | <b>750</b> | <b>750</b> | <b>750</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 750   |
| Appropriation Request Est.         | FY 16 | 750   |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 2,738 |
| Expenditure / Encumbrances         |       | 923   |
| Unencumbered Balance               |       | 1,815 |

|                          |             |
|--------------------------|-------------|
| Date First Appropriation | FY 95       |
| First Cost Estimate      |             |
| Current Scope            | FY 15 7,238 |
| Last FY's Cost Estimate  | 5,921       |
| Partial Closeout Thru    | 9,094       |
| New Partial Closeout     | 259         |
| Total Partial Closeout   | 9,353       |

## Description

This project provides for a comprehensive lifecycle replacement program to protect the County's investment in facilities and to sustain efficient and reliable facility operation. The project is targeted at slowing the deterioration of key facility and site components based on an inventory of their age and condition. The project includes: mechanical/plumbing equipment; lighting system replacement not covered under the Energy Conservation CIP program; and reconstruction of sidewalks and curbs adjacent to County facilities. The scope of this project parallels approved CIP projects of Montgomery County Public Schools, Montgomery College, and the Maryland-National Capital Park and Planning Commission.

## Cost Change

Increase is due to the addition of FY19 and FY20 to this ongoing project and is partially offset by the capitalization of prior expenditures.

## Justification

The County currently has a significant backlog of facility and site components that result from facility age and past deferrals of deficiencies. Various components are outdated, inefficient, and costly to repair. The replacement of components significantly extends the useful life of County facilities. In FY05, FY06 and FY07, the County engaged a consultant to conduct a comprehensive facility condition assessment survey of 73 County facilities, or approximately 30 percent of the County's facility inventory. Based upon the age and condition of each component and industry-accepted component lifetimes, a priority listing of component replacement was developed. The results of the facility condition assessment of 73 County facilities have been used to prioritize the six-year program.

## Other

Scheduled replacements:

FY15: Pre-Release Center, Brook Grove Daycare, One Lawrence Court, Riley Group Home, Avery Road Back House, 1301 Piccard Dr.

FY16: Layhill Group Home, Judith Resnick Daycare Center, Waring Station Daycare, Damascus Library

## Disclosures

Expenditures will continue indefinitely.

## Coordination

Departments affected by PLAR projects, Department of General Services

# HVAC/Elec Replacement: MCG (P508941)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |            |              |              |              |              |              |              |              |          |
|----------------------------------|---------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 2,307         | 192        | 765          | 1,350        | 225          | 225          | 225          | 225          | 225          | 0        |
| Land                             | 0             | 0          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Site Improvements and Utilities  | 340           | 340        | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 7,817         | 276        | 1,991        | 5,550        | 925          | 925          | 925          | 925          | 925          | 0        |
| Other                            | 0             | 0          | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>10,464</b> | <b>808</b> | <b>2,756</b> | <b>6,900</b> | <b>1,150</b> | <b>1,150</b> | <b>1,150</b> | <b>1,150</b> | <b>1,150</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |               |            |              |              |              |              |              |              |              |          |
|--------------|---------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds   | 10,464        | 808        | 2,756        | 6,900        | 1,150        | 1,150        | 1,150        | 1,150        | 1,150        | 0        |
| <b>Total</b> | <b>10,464</b> | <b>808</b> | <b>2,756</b> | <b>6,900</b> | <b>1,150</b> | <b>1,150</b> | <b>1,150</b> | <b>1,150</b> | <b>1,150</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |             |            |            |            |            |            |             |
|-------------------|--|--|--|-------------|------------|------------|------------|------------|------------|-------------|
| Energy            |  |  |  | -357        | -17        | -34        | -51        | -68        | -85        | -102        |
| <b>Net Impact</b> |  |  |  | <b>-357</b> | <b>-17</b> | <b>-34</b> | <b>-51</b> | <b>-68</b> | <b>-85</b> | <b>-102</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 1,150 |
| Appropriation Request Est.         | FY 16 | 1,150 |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 3,564 |
| Expenditure / Encumbrances         |       | 2,052 |
| Unencumbered Balance               |       | 1,512 |

|                          |        |
|--------------------------|--------|
| Date First Appropriation | FY 96  |
| First Cost Estimate      |        |
| Current Scope            | FY 15  |
| Last FY's Cost Estimate  | 8,426  |
| Partial Closeout Thru    | 19,152 |
| New Partial Closeout     | 808    |
| Total Partial Closeout   | 19,960 |

## Description

This project provides for the orderly replacement/renovation of outdated Heating, Ventilation, and Air Conditioning (HVAC) systems and electrical systems in County buildings. The Department of General Services (DGS) currently oversees, monitors and provides services for operation of the mechanical, electrical and fire protection systems of 250 County facilities with approximately 12 million square feet of occupied space. The project requires periodic condition assessments and renovation of the HVAC, plumbing, electrical, and control systems and equipment; overhauling the air distribution systems; electrical service upgrades; and emergency generator replacements.

## Cost Change

Increase due to the addition of FY19 and FY20 to this ongoing project.

## Justification

Many HVAC, plumbing and electrical systems in County-owned buildings are outdated and well beyond economical repair, particularly in buildings which have not been renovated in many years. In the life of the buildings, the HVAC, plumbing and electrical systems require major renovation or replacement at least once every 25 years. These renovations will not only significantly extend the life of the County buildings, but convert the old mechanical/electrical systems to state-of-the-art energy efficient systems which improves indoor air quality. It conserves energy and saves resources. The criteria for selecting the County facilities for systems renovation or replacement include: mechanical/electrical systems degradation, high maintenance costs, high energy consumption, current code compliance, indoor air quality, and major change of the functional use of the building. Occupational Safety and Health Administration (OSHA) has issued proposed rules for providing quality of indoor air in the work place (OSHA 29 CFR parts 1910, 1915, and 1926). The rules require indoor air quality (IAQ) compliance plans to be implemented. The results of a facility condition assessment of 73 County facilities completed by a consultant in FY05, FY06 and FY07 have been used to prioritize the six-year program. The March 2010 Report of the Infrastructure Maintenance Task Force, identified an annual level of effort for HVAC/electrical replacement based on a 25 year life span.

## Other

Scheduled HVAC/Electrical Replacements:

FY15: Longwood Recreation Center; Wheaton Police Station; Germantown Police Station; Grey Brick Courthouse; Kensington Library.  
 FY16: Council Office Building; Little Falls Library; Lone Oak Daycare Center; Leland Community Center; Upper County Community Recreation Center.

## Disclosures

Expenditures will continue indefinitely.

## Coordination

Department of General Services, Departments affected by HVAC projects



# Facility Planning: MCG (P508768)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |            |              |            |            |            |            |            |          |
|----------------------------------|---------------|--------------|------------|--------------|------------|------------|------------|------------|------------|----------|
| Planning, Design and Supervision | 9,550         | 7,343        | 647        | 1,560        | 260        | 260        | 260        | 260        | 260        | 0        |
| Land                             | 87            | 87           | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Site Improvements and Utilities  | 7             | 7            | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Construction                     | 159           | 159          | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Other                            | 212           | 212          | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>                     | <b>10,015</b> | <b>7,808</b> | <b>647</b> | <b>1,560</b> | <b>260</b> | <b>260</b> | <b>260</b> | <b>260</b> | <b>260</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                           |               |              |            |              |            |            |            |            |            |          |
|---------------------------|---------------|--------------|------------|--------------|------------|------------|------------|------------|------------|----------|
| Current Revenue: General  | 9,370         | 7,163        | 647        | 1,560        | 260        | 260        | 260        | 260        | 260        | 0        |
| G.O. Bonds                | 625           | 625          | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| Solid Waste Disposal Fund | 20            | 20           | 0          | 0            | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>              | <b>10,015</b> | <b>7,808</b> | <b>647</b> | <b>1,560</b> | <b>260</b> | <b>260</b> | <b>260</b> | <b>260</b> | <b>260</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 260   |
| Appropriation Request Est.         | FY 16 | 260   |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 8,455 |
| Expenditure / Encumbrances         |       | 7,853 |
| Unencumbered Balance               |       | 602   |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 87        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 10,015 |
| Last FY's Cost Estimate  | 9,495        |
| Partial Closeout Thru    | 0            |
| New Partial Closeout     | 0            |
| Total Partial Closeout   | 0            |

## Description

This project provides for general government facility planning studies for a variety of projects under consideration in the CIP. In addition, facility planning serves as a transition stage for a project between the master plan or conceptual stage and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, Montgomery County develops a Program of Requirements (POR) that outlines the general and specific features required on the project. Selected projects range in type including: new buildings, renovation of existing buildings, stormwater management, and recycling centers. Facility planning is a decision making process that includes the determination of the purpose of and need for a candidate project, a rigorous investigation of non-County sources of funding, and an estimate of the cost of the design and an estimated range of the cost of construction of the project. Facility planning represents planning and preliminary design and develops a POR in advance of full programming of a project in the CIP. Depending upon the results of a facility planning determination of purpose and need, a project may or may not proceed to design and construction. For a full description of the facility planning process, see the CIP Planning Section.

## Cost Change

Increase due to the addition of FY19 and FY20 to this ongoing project.

## Justification

Facility planning costs for projects which ultimately become stand-alone projects are included here. These costs will not be reflected in the resulting individual project.

## Other

The study proposals under this program are developed in conjunction with program departments, the Department of General Services, the Office of Management and Budget (OMB), and consultants to ensure accurate program requirements. Planning studies underway or to be completed in FY15 or FY16 are listed on the next page. This list includes projects that will potentially be considered for inclusion as stand alone projects in the FY15-20 CIP. Other projects not listed may be planned under urgent situations. Planning for future fire stations will be considered if response time or population data warrant such a need.

## Disclosures

Expenditures will continue indefinitely.

## Coordination

Department of Environmental Protection, Department of General Services, Department of Correction and Rehabilitation, Department of Fire and Rescue Services, Department of Police, Department of Health and Human Services, Department of Recreation, Department of Public Libraries, Circuit Court, Office of Management and Budget, Commission on People with Disabilities, Montgomery County Pedestrian Safety Advisory Committee

# Asbestos Abatement: MCG (P508728)

|                      |                                       |                                   |          |
|----------------------|---------------------------------------|-----------------------------------|----------|
| Category             | General Government                    | Date Last Modified                | 12/23/13 |
| Sub Category         | County Offices and Other Improvements | Required Adequate Public Facility | No       |
| Administering Agency | General Services (AAGE29)             | Relocation Impact                 | None     |
| Planning Area        | Countywide                            | Status                            | Ongoing  |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |            |           |            |            |            |            |            |            |            |          |
|----------------------------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|----------|
| Planning, Design and Supervision | 144        | 25        | 11         | 108        | 18         | 18         | 18         | 18         | 18         | 0        |
| Land                             | 0          | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| Site Improvements and Utilities  | 45         | 1         | 44         | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| Construction                     | 679        | 8         | 179        | 492        | 82         | 82         | 82         | 82         | 82         | 0        |
| Other                            | 0          | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>                     | <b>868</b> | <b>34</b> | <b>234</b> | <b>600</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |            |           |            |            |            |            |            |            |            |          |
|--------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|----------|
| G.O. Bonds   | 868        | 34        | 234        | 600        | 100        | 100        | 100        | 100        | 100        | 0        |
| <b>Total</b> | <b>868</b> | <b>34</b> | <b>234</b> | <b>600</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |     |
|------------------------------------|-------|-----|
| Appropriation Request              | FY 15 | 100 |
| Appropriation Request Est.         | FY 16 | 100 |
| Supplemental Appropriation Request |       | 0   |
| Transfer                           |       | 0   |
| Cumulative Appropriation           |       | 268 |
| Expenditure / Encumbrances         |       | 70  |
| Unencumbered Balance               |       | 198 |

|                          |       |
|--------------------------|-------|
| Date First Appropriation | FY 96 |
| First Cost Estimate      |       |
| Current Scope            | FY 15 |
| Last FY's Cost Estimate  | 765   |
| Partial Closeout Thru    | 7,124 |
| New Partial Closeout     | 34    |
| Total Partial Closeout   | 7,158 |

### Description

This project provides for the identification, management, control, and if required, removal of asbestos containing materials (ACM) from County facilities. Also included are costs associated with the removal of these materials, such as material replacement and facility repairs, when required. This project also provides for the removal of other environmental hazards such as lead based paint.

### Cost Change

Increase is due to the addition of FY19 and FY20 to this ongoing project and is partially offset by the capitalization of prior expenditures.

### Justification

Asbestos containing materials which have become damaged, or may be disturbed during building renovation or demolition, must be removed or abated. If these materials are not removed, they may become friable, releasing asbestos fibers into the air. Inhaled asbestos fibers may cause health impairments, such as asbestosis, lung, and other types of cancers. Therefore, removing the asbestos containing materials prior to a renovation eliminates the release of asbestos fibers into the building ventilation system and inhalation of asbestos fibers by building occupants or renovation contractors. Neither contractors nor workers will perform renovations until asbestos is removed because of the health risk to the workers and the associated liability risk to the contractors. Asbestos and other hazardous materials abatement is performed only by specialty contractors, donning protective clothing and respiratory protection. Asbestos abatement workers are also required to attend specialized training and follow decontamination procedures. The asbestos removal must be performed within an isolated airtight plastic containment vessel, under negative air pressure, as required by Federal and State regulation. Estimated project costs reflect these requirements and removal procedures. The primary targets of this project are County-owned facilities constructed prior to 1978. Bulk material samples and air samples are taken to verify that removal actions are in compliance with regulatory guidelines. Asbestos Abatement is currently also being included in stand-alone renovation projects and in the roof replacement project for County Government. The asbestos survey of County facilities, conducted in FY88, is the basis of the current work program. Revisions to this work plan are made based on periodic ACM inspection, in support of facility renovation, or in response to any unidentified ACM which may be encountered in the course of a maintenance activity.

### Disclosures

Expenditures will continue indefinitely.

### Coordination

Department of General Services, PLAR: Planned Lifecycle Asset Replacement

# Roof Replacement: MCG (P508331)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |           |              |               |              |              |              |              |              |              |          |
|----------------------------------|---------------|-----------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 3,697         | 49        | 1,008        | 2,640         | 440          | 440          | 440          | 440          | 440          | 440          | 0        |
| Land                             | 0             | 0         | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Site Improvements and Utilities  | 0             | 0         | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 15,979        | 0         | 5,179        | 10,800        | 1,800        | 1,800        | 1,800        | 1,800        | 2,300        | 1,300        | 0        |
| Other                            | 7             | 1         | 6            | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>19,683</b> | <b>50</b> | <b>6,193</b> | <b>13,440</b> | <b>2,240</b> | <b>2,240</b> | <b>2,240</b> | <b>2,240</b> | <b>2,740</b> | <b>1,740</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |               |           |              |               |              |              |              |              |              |              |          |
|--------------|---------------|-----------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds   | 19,683        | 50        | 6,193        | 13,440        | 2,240        | 2,240        | 2,240        | 2,240        | 2,740        | 1,740        | 0        |
| <b>Total</b> | <b>19,683</b> | <b>50</b> | <b>6,193</b> | <b>13,440</b> | <b>2,240</b> | <b>2,240</b> | <b>2,240</b> | <b>2,240</b> | <b>2,740</b> | <b>1,740</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 2,240 |
| Appropriation Request Est.         | FY 16 | 2,240 |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 6,243 |
| Expenditure / Encumbrances         |       | 433   |
| Unencumbered Balance               |       | 5,810 |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 96        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 19,683 |
| Last FY's Cost Estimate  | 17,439       |
| Partial Closeout Thru    | 22,626       |
| New Partial Closeout     | 50           |
| Total Partial Closeout   | 22,676       |

### Description

This project provides for major roof replacement of County buildings.

### Cost Change

Increase due the addition of FY19 and FY20 to this ongoing project and is partially offset by capitalization of prior expenditures.

### Justification

The age of many County buildings creates the need for this project. Factors determining the need for replacement include poor condition, age, long-term utilization, and probability of continued repairs. The project consists of an annual replacement schedule for those roofs which have reached the end of their useful service life. Asbestos abatement is an important component of the roof replacement effort and will be performed when required. The roof replacements covered under this program are prioritized based upon a consultant's survey completed in FY05 and an in-house priority schedule. Information generated in that condition survey will be the basis for future roof replacement projects. The March 2010 Report of the Infrastructure Maintenance Task Force identified an annual level of effort funding for roof replacement based on an average 20-year life for roof systems.

### Other

Roof Replacement may be accelerated or delayed based on changing priorities and need.

Roofs scheduled for replacement:

FY15: Grey Brick Courthouse, Davis Library, Seneca Creek Pool, Council Office Building, Fire Station #31

FY16: Executive Office Building, Upper County Daycare, Clara Barton Community Center, 1301 Piccard Drive, McDonald Knolls, Little Falls Library

### Disclosures

Expenditures will continue indefinitely.

### Coordination

Department of General Services, Departments affected by roof replacement projects

# Energy Conservation: MCG (P507834)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |            |            |            |            |            |            |            |            |          |
|----------------------------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| Planning, Design and Supervision | 284          | 29         | 57         | 198        | 33         | 33         | 33         | 33         | 33         | 0        |
| Land                             | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| Site Improvements and Utilities  | 110          | 110        | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| Construction                     | 1,055        | 300        | 53         | 702        | 117        | 117        | 117        | 117        | 117        | 0        |
| Other                            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>                     | <b>1,449</b> | <b>439</b> | <b>110</b> | <b>900</b> | <b>150</b> | <b>150</b> | <b>150</b> | <b>150</b> | <b>150</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |              |            |            |            |            |            |            |            |            |          |
|--------------------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| Current Revenue: General | 4            | 0          | 4          | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| G.O. Bonds               | 1,445        | 439        | 106        | 900        | 150        | 150        | 150        | 150        | 150        | 0        |
| <b>Total</b>             | <b>1,449</b> | <b>439</b> | <b>110</b> | <b>900</b> | <b>150</b> | <b>150</b> | <b>150</b> | <b>150</b> | <b>150</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |             |           |            |            |            |            |            |
|-------------------|--|--|--|-------------|-----------|------------|------------|------------|------------|------------|
| Energy            |  |  |  | -147        | -7        | -14        | -21        | -28        | -35        | -42        |
| Maintenance       |  |  |  | 0           | 0         | 0          | 0          | 0          | 0          | 0          |
| <b>Net Impact</b> |  |  |  | <b>-147</b> | <b>-7</b> | <b>-14</b> | <b>-21</b> | <b>-28</b> | <b>-35</b> | <b>-42</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |     |
|------------------------------------|-------|-----|
| Appropriation Request              | FY 15 | 150 |
| Appropriation Request Est.         | FY 16 | 150 |
| Supplemental Appropriation Request |       | 0   |
| Transfer                           |       | 0   |
| Cumulative Appropriation           |       | 549 |
| Expenditure / Encumbrances         |       | 513 |
| Unencumbered Balance               |       | 36  |

|                          |       |        |
|--------------------------|-------|--------|
| Date First Appropriation | FY 78 |        |
| First Cost Estimate      |       |        |
| Current Scope            | FY 15 | 1,449  |
| Last FY's Cost Estimate  |       | 1,474  |
| Partial Closeout Thru    |       | 10,190 |
| New Partial Closeout     |       | 439    |
| Total Partial Closeout   |       | 10,629 |

## Description

This program provides for profitable energy conservation retrofits in County-owned buildings. Retrofits to lighting systems, building envelopes, heating and cooling controls, and boiler efficiency upgrades are provided through this project. A central Energy Management and Control System (EMCS) will be installed to monitor major buildings. Energy audits have been conducted to identify and prioritize energy conservation projects throughout the 105 largest buildings. Advanced energy-saving technologies are introduced into County facilities as they become economical and reliable. Retrofits are performed during off hours and do not disrupt services at affected buildings. For new construction and renovation projects, energy design guidance is provided to contractors, and energy budgets are developed and enforced. Utility costs for County facilities are monitored in a computer database. The project scope includes replacement, upgrade and conversion of the automatic temperature control (ATC) and building automation system (BAS) from existing non-reliable pneumatic controls and drives to integrated direct digital control (DDC) system. This will include electronic damper/valve drives for air ducts and hydronic loops and remote control and monitoring capability from 1301 Seven Locks Road.

## Cost Change

Funding for FY19 and FY20 has been added and prior year expenditures have been capitalized.

## Justification

This program is part of the County's cost-containment program. The projects pay for themselves in a short time, generally one to ten years. The County then continues to benefit for many years through lower utility costs. The program is environmentally responsible in reducing the need for utility power plants and decreasing greenhouse gas emissions. The project fulfills the County's voluntary commitment to reduce energy use in all its buildings under the EPA Energy Star Buildings Program. The project is necessary to fulfill the mandate of Montgomery County Code Section 8-14A, Building Energy Design Standards. Improvements in lighting and HVAC controls also improve employee comfort and productivity. Major retrofits of these energy technologies will be made at all County facilities not presently scheduled for renovation. Future maintenance costs are also reduced. Additional benefits include energy conservation, improved system control and response, improved indoor ambient conditions, improved system reliability and availability, and avoiding unavailability and obsolescence of the repair parts for the existing systems.

## Other

Scheduled Upgrades: FY15: Controls Upgrades - Potomac Library, Kensington Library  
 FY16: Controls Upgrades - Little Falls Library

## Disclosures

Expenditures will continue indefinitely.

## Coordination

## Energy Conservation: MCG (P507834)

Energy Conservation Work Program - Energy Star Upgrades, Department of General Services, Department of Environmental Protection

# Environmental Compliance: MCG (P500918)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |              |              |              |            |              |              |              |              |          |
|----------------------------------|---------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 3,022         | 805          | 725          | 1,492        | 247          | 247        | 247          | 251          | 250          | 250          | 0        |
| Land                             | 0             | 0            | 0            | 0            | 0            | 0          | 0            | 0            | 0            | 0            | 0        |
| Site Improvements and Utilities  | 15            | 15           | 0            | 0            | 0            | 0          | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 12,264        | 2,433        | 2,931        | 6,900        | 1,650        | 650        | 1,150        | 1,150        | 1,150        | 1,150        | 0        |
| Other                            | 942           | 942          | 0            | 0            | 0            | 0          | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>16,243</b> | <b>4,195</b> | <b>3,656</b> | <b>8,392</b> | <b>1,897</b> | <b>897</b> | <b>1,397</b> | <b>1,401</b> | <b>1,400</b> | <b>1,400</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                                 |               |              |              |              |              |            |              |              |              |              |          |
|---------------------------------|---------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds                      | 16,113        | 4,195        | 3,526        | 8,392        | 1,897        | 897        | 1,397        | 1,401        | 1,400        | 1,400        | 0        |
| Water Quality Protection Charge | 130           | 0            | 130          | 0            | 0            | 0          | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                    | <b>16,243</b> | <b>4,195</b> | <b>3,656</b> | <b>8,392</b> | <b>1,897</b> | <b>897</b> | <b>1,397</b> | <b>1,401</b> | <b>1,400</b> | <b>1,400</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 1,897 |
| Appropriation Request Est.         | FY 16 | 897   |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 7,851 |
| Expenditure / Encumbrances         |       | 5,278 |
| Unencumbered Balance               |       | 2,573 |

|                          |        |
|--------------------------|--------|
| Date First Appropriation | FY 09  |
| First Cost Estimate      |        |
| Current Scope            | FY 15  |
| Last FY's Cost Estimate  | 13,443 |

## Description

This project develops and implements plans for the prevention of pollution and the abatement and containment of potential pollution sources at County facilities - including the Department of Transportation, the Department of General Services Depots and maintenance shops - as well as other county facilities and offices. This project provides for the design and construction of structural covered areas to ensure appropriate storage of hazardous materials and potential pollution sources at County Depots. Work will also include replacement of the salt barns at County Depots and addressing environmental compliance issues of Underground Storage Tanks (USTs) and associated piping at County facilities.

## Estimated Schedule

FY15 & 16: Petroleum storage tank upgrades/replacements: Burtonsville Fire Station (FS) #15; Silver Spring FS#16; and Rockville FS#31; Silver Spring Depot, bus fueling; Vehicle refueling stations  
 Stormwater pollution prevention: update facility plans; implementation of best management practices  
 Construction of covered storage areas for bulk materials: Silver Spring, Poolesville, and Bethesda depots

## Cost Change

Funding for FY19 and FY20 has been added. Funding shifts between FY15 and FY16 were made to balance overall funding across the years.

## Justification

This project is supported by the Pollution Prevention Plan (P2) for County facilities and the Storm Water Pollution Prevention Plans (SWPPP) for County facilities to comply with aspects of the Federal Clean Water Act National Pollutant Discharge Elimination System (NPDES) Notice of Intent (NOI). Each of the County maintenance facilities must implement appropriate pollution prevention techniques to reduce contamination of stormwater runoff. Covered areas are required under the NPDES for all hazardous products and liquid drums that are stored outside to avoid the potential of drum deterioration, leakage and/or runoff contamination. Structural improvements of covered areas and salt barn structures are scheduled at the Silver Spring, Poolesville, and Bethesda Depots. This project also includes efforts to address environmental compliance issues of UST's and associated piping at County facilities.

## Coordination

Department of General Services, Department of Transportation, Department of Permitting Services, Department of Environmental Protection, Maryland Department of the Environment

# Red Brick Courthouse Structural Repairs (P500727)

|                      |                                       |                                   |                    |
|----------------------|---------------------------------------|-----------------------------------|--------------------|
| Category             | General Government                    | Date Last Modified                | 1/6/14             |
| Sub Category         | County Offices and Other Improvements | Required Adequate Public Facility | No                 |
| Administering Agency | General Services (AAGE29)             | Relocation Impact                 | None               |
| Planning Area        | Rockville                             | Status                            | Final Design Stage |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |            |          |               |          |          |          |          |              |              |              |
|----------------------------------|---------------|------------|----------|---------------|----------|----------|----------|----------|--------------|--------------|--------------|
| Planning, Design and Supervision | 3,824         | 286        | 0        | 2,740         | 0        | 0        | 0        | 0        | 2,042        | 698          | 798          |
| Land                             | 0             | 0          | 0        | 0             | 0        | 0        | 0        | 0        | 0            | 0            | 0            |
| Site Improvements and Utilities  | 224           | 0          | 0        | 80            | 0        | 0        | 0        | 0        | 0            | 80           | 144          |
| Construction                     | 15,413        | 304        | 0        | 8,798         | 0        | 0        | 0        | 0        | 2,000        | 6,798        | 6,311        |
| Other                            | 1             | 1          | 0        | 0             | 0        | 0        | 0        | 0        | 0            | 0            | 0            |
| <b>Total</b>                     | <b>19,462</b> | <b>591</b> | <b>0</b> | <b>11,618</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>4,042</b> | <b>7,576</b> | <b>7,253</b> |

## FUNDING SCHEDULE (\$000s)

|              |               |            |          |               |          |          |          |          |              |              |              |
|--------------|---------------|------------|----------|---------------|----------|----------|----------|----------|--------------|--------------|--------------|
| G.O. Bonds   | 19,462        | 591        | 0        | 11,618        | 0        | 0        | 0        | 0        | 4,042        | 7,576        | 7,253        |
| <b>Total</b> | <b>19,462</b> | <b>591</b> | <b>0</b> | <b>11,618</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>4,042</b> | <b>7,576</b> | <b>7,253</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |     |
|------------------------------------|-------|-----|
| Appropriation Request              | FY 15 | 0   |
| Appropriation Request Est.         | FY 16 | 0   |
| Supplemental Appropriation Request |       | 0   |
| Transfer                           |       | 0   |
| Cumulative Appropriation           |       | 591 |
| Expenditure / Encumbrances         |       | 591 |
| Unencumbered Balance               |       | 0   |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 07        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 19,462 |
| Last FY's Cost Estimate  | 591          |

## Description

Phase I of this project provided for the rehabilitation of the flooring system in the Red Brick Courthouse at 29 Courthouse Square in Rockville. The structural integrity of the flooring system was weakened by modifications made over the years to accommodate various electrical, mechanical, and plumbing systems. Phase II will provide for a historic rehabilitation of the Courthouse, to accommodate programmatic functions and requirements of current users and to preserve the building exterior and interior. Work will include the replacement of major building systems, modifications to make the facility compliant with the requirements for the Americans with Disabilities Act (ADA), repair for moisture infiltration issues, and repair and replacement of the building exterior, masonry, copper fittings, and roofing. All work will have to be performed in compliance with requirements and oversight of the Maryland Historical Society and per existing County regulation and easements.

## Estimated Schedule

Design and construction are estimated to begin in FY19.

## Cost Change

Cost change is due to required funding for Phase II design and construction of this project.

## Justification

For Phase I, a structural engineer determined that some areas of the terra cotta arch and beam flooring system have been compromised by modifications that have been made for various electrical, mechanical, and plumbing systems. Access to certain areas on the first and second floors will be restricted until the problem is resolved. Phase II is the historic renovation of the building, which dates back to the 1800's. In 1995, the Courthouse had a small renovation to upgrade the HVAC and to provide an elevator. Currently, the slate roofing is deteriorating, as is the copper metal roofing on the steeple (both of which have reached the end of service life). The masonry joints need to be tuck-pointed on the exterior walls and parapets. This deterioration has allowed moisture infiltration, which has damaged the building, with repair efforts slowing but not stopping the problems. Along with accessibility issues, the HVAC, plumbing, and electrical systems are at the end of useful life. The fire prevention systems require redesign and installation to provide for better safeguards to prevent potential loss of the historic wood structure.

## Other

This facility has been designated as a historic structure

## Disclosures

A pedestrian impact analysis has been completed for this project.

## Coordination

Department of General Services, Circuit Court, Department of Technology Services, City of Rockville, Montgomery County Sheriff, Department of Human Resources, Peerless Rockville, Montgomery County Historical Society

# Facilities Site Selection: MCG (P500152)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |            |            |           |            |           |           |           |           |           |          |
|----------------------------------|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|----------|
| Planning, Design and Supervision | 360        | 146        | 64        | 150        | 25        | 25        | 25        | 25        | 25        | 0        |
| Land                             | 106        | 106        | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0        |
| Site Improvements and Utilities  | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0        |
| Construction                     | 0          | 0          | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0        |
| Other                            | 3          | 3          | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0        |
| <b>Total</b>                     | <b>469</b> | <b>255</b> | <b>64</b> | <b>150</b> | <b>25</b> | <b>25</b> | <b>25</b> | <b>25</b> | <b>25</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |            |            |           |            |           |           |           |           |           |          |
|--------------------------|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|----------|
| Current Revenue: General | 469        | 255        | 64        | 150        | 25        | 25        | 25        | 25        | 25        | 0        |
| <b>Total</b>             | <b>469</b> | <b>255</b> | <b>64</b> | <b>150</b> | <b>25</b> | <b>25</b> | <b>25</b> | <b>25</b> | <b>25</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |     |
|------------------------------------|-------|-----|
| Appropriation Request              | FY 15 | 25  |
| Appropriation Request Est.         | FY 16 | 25  |
| Supplemental Appropriation Request |       | 0   |
| Transfer                           |       | 0   |
| Cumulative Appropriation           |       | 319 |
| Expenditure / Encumbrances         |       | 255 |
| Unencumbered Balance               |       | 64  |

|                          |           |
|--------------------------|-----------|
| Date First Appropriation | FY 01     |
| First Cost Estimate      |           |
| Current Scope            | FY 15 469 |
| Last FY's Cost Estimate  | 419       |

## Description

This project provides for site selection for the following candidate projects: Clarksburg Library, Laytonsville Fire Station, Multi-User Central Warehouse, Damascus Depot Relocation, Clarksburg Community Recreation and Aquatic Center, and East County HHS Facility and other site selection activities such as appraisals, geotechnical services, environmental studies, and surveys. Other sites that could be considered for site selection analysis are the Silver Spring Community Recreation and Aquatic Center, Supply and Evidence Facility, and Land for Facility Reforestation.

## Cost Change

Increase due to the addition of FY19 and FY20 to this ongoing project.

## Other

These funds will be used for site selection only. No land will be purchased without notice to the County Council that must include the reasons why the proposed site is appropriate for the specific project being planned, including the expected size of the facility and how the site is responsive to community needs. Any land acquisition will be funded initially through ALARF: MCG, then reimbursed by a future appropriation from the specific project. The County Executive will work with the Maryland-National Capital Park and Planning Commission staff to review future facility needs in master plans and department strategic plans to identify sites beyond those for projects in facility planning and the current CIP for acquisition.

## Coordination

Department of Police, Department of Public Libraries, Department of General Services, Department of Recreation, Department of Fire/Rescue services, Department of Transportation, Maryland-National Capital Park and Planning Commission, Office of Management and Budget, Regional Services Centers



# Building Envelope Repair (P361501)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |          |          |              |              |              |              |              |              |          |
|----------------------------------|--------------|----------|----------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 0            | 0        | 0        | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Land                             | 0            | 0        | 0        | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Site Improvements and Utilities  | 0            | 0        | 0        | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 6,000        | 0        | 0        | 6,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 0        |
| Other                            | 0            | 0        | 0        | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>6,000</b> | <b>0</b> | <b>0</b> | <b>6,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |              |          |          |              |              |              |              |              |              |          |
|--------------|--------------|----------|----------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| G.O. Bonds   | 6,000        | 0        | 0        | 6,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 0        |
| <b>Total</b> | <b>6,000</b> | <b>0</b> | <b>0</b> | <b>6,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 1,000 |
| Appropriation Request Est.         | FY 16 | 1,000 |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 0     |
| Expenditure / Encumbrances         |       | 0     |
| Unencumbered Balance               |       | 0     |

|                          |             |
|--------------------------|-------------|
| Date First Appropriation | FY 15       |
| First Cost Estimate      |             |
| Current Scope            | FY 15 6,000 |
| Last FY's Cost Estimate  | 0           |
| Partial Closeout Thru    | 0           |
| New Partial Closeout     | 0           |
| Total Partial Closeout   | 0           |

### Description

This level of effort project is needed to maintain the County's building infrastructure. This project funds the wholesale replacement of aged and outdated building envelope systems including the replacement of windows, exterior doors, siding, exterior walls, and weatherproofing. While the Planned Lifecycle Asset Replacement (PLAR) CIP project provides for incidental building envelope replacements, this project provides for a systematic wholesale replacement to maintain the building envelope, protect the building integrity, and allow for continued full and efficient use of County buildings.

### Estimated Schedule

FY15: UpCounty Regional Center windows, UpCounty Recreation Center windows

FY16: Holiday Park Senior Center windows, Waring Station Daycare windows, Tess Community Center storefront doors, Colesville HHS facility

### Justification

Window replacements, siding replacements, and exterior door replacements are critical to protect the life of a facility. Windows and doors can eliminate drafts to improve both comfort and energy efficiency. Siding protects the facility by eliminating potential leaks that can lead to damage of other facility components as well as creating health issues such as mold growth.

### Other

Building envelope repairs have been neglected for many years. Many facilities still have single and/or double pane glass and are poorly sealed, leading to energy loss. Many exterior metal doors are rusted and frequently fail to close and latch which creates a safety hazard. Renovations will address leaks around windows and doors and will provide improved energy efficiency.

### Disclosures

Expenditures will continue indefinitely.

### Coordination

Department of General Services, Departments affected by building envelope repair projects

# Energy Systems Modernization (P361302)

Category  
Sub Category  
Administering Agency  
Planning Area

General Government  
County Offices and Other Improvements  
General Services (AAGE29)  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

1/6/14  
No  
None  
Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |          |               |               |               |               |               |               |               |          |
|----------------------------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|
| Planning, Design and Supervision | 5,800         | 0        | 4,000         | 1,800         | 300           | 300           | 300           | 300           | 300           | 0        |
| Land                             | 0             | 0        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0        |
| Site Improvements and Utilities  | 0             | 0        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0        |
| Construction                     | 76,000        | 0        | 16,000        | 60,000        | 10,000        | 10,000        | 10,000        | 10,000        | 10,000        | 0        |
| Other                            | 0             | 0        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0        |
| <b>Total</b>                     | <b>81,800</b> | <b>0</b> | <b>20,000</b> | <b>61,800</b> | <b>10,300</b> | <b>10,300</b> | <b>10,300</b> | <b>10,300</b> | <b>10,300</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                     |               |          |               |               |               |               |               |               |               |          |
|---------------------|---------------|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|
| G.O. Bonds          | 1,800         | 0        | 0             | 1,800         | 300           | 300           | 300           | 300           | 300           | 0        |
| Long-Term Financing | 80,000        | 0        | 20,000        | 60,000        | 10,000        | 10,000        | 10,000        | 10,000        | 10,000        | 0        |
| <b>Total</b>        | <b>81,800</b> | <b>0</b> | <b>20,000</b> | <b>61,800</b> | <b>10,300</b> | <b>10,300</b> | <b>10,300</b> | <b>10,300</b> | <b>10,300</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 10,300 |
| Appropriation Request Est.         | FY 16 | 10,300 |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 20,000 |
| Expenditure / Encumbrances         |       | 0      |
| Unencumbered Balance               |       | 20,000 |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 13        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 81,800 |
| Last FY's Cost Estimate  | 20,000       |

## Description

This project provides a means to implement energy savings performance contracting as a mechanism to reduce the County's energy usage and perform strategic facility upgrades with significantly reduced capital costs. These contracts performed by Energy Services Companies (ESCOs) have been used extensively by the federal government and other state and local jurisdictions to accomplish energy saving retrofits in a variety of facility applications. For each facility proposed, a unique prescriptive energy conservation analysis (audit) is conducted. Savings are associated with each element (energy conservation measure) of the analysis. Ultimately, the compilation of the measures defines the project. Third party funding (bonds or commercial loans) covers the cost of the contract. A key feature of Energy Savings Performance Contracts (ESPC) is that no General Obligation (G.O.) bonds are required for the contract and construction costs. A financing mechanism is initiated to cover the cost of the contract and the repayment of the debt is guaranteed through the energy savings. G.O. Bonds are required to cover associated staffing costs.

## Location

The pilot ESPC has been implemented at Health and Human Services headquarters, 401 Hungerford Drive. Other County facilities will follow.

## Estimated Schedule

DGS is reviewing and selecting tasks beginning in FY15.

## Cost Change

Increase due to funding for staffing and contract costs for FY15-20.

## Justification

Implementation of this project is consistent with the County's continuing objective to accomplish environmentally friendly initiatives as well as limit the level of G.O. Bonds. The ultimate objective of the individual building projects is to permanently lower the County's energy usage, reduce its carbon footprint and save considerable operating expenses.

## Other

The proposals outlined in this program are developed in conjunction with the Department of General Services, the Department of Finance, and the Office of Management and Budget. Financial consultants will be employed to advise and guide the financial decisions. Projects will be implemented based on the potential for energy savings as well as operational and infrastructure upgrades.

## Coordination

Department of General Services, Department of Finance, Office of Management and Budget

# EOB & Judicial Center Traffic Circle Repair (P361200)

|                      |                                       |                                   |                          |
|----------------------|---------------------------------------|-----------------------------------|--------------------------|
| Category             | General Government                    | Date Last Modified                | 1/6/14                   |
| Sub Category         | County Offices and Other Improvements | Required Adequate Public Facility | No                       |
| Administering Agency | General Services (AAGE29)             | Relocation Impact                 | None                     |
| Planning Area        | Rockville                             | Status                            | Preliminary Design Stage |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |           |              |              |              |          |          |          |          |          |
|----------------------------------|--------------|-----------|--------------|--------------|--------------|----------|----------|----------|----------|----------|
| Planning, Design and Supervision | 920          | 82        | 668          | 170          | 170          | 0        | 0        | 0        | 0        | 0        |
| Land                             | 0            | 0         | 0            | 0            | 0            | 0        | 0        | 0        | 0        | 0        |
| Site Improvements and Utilities  | 112          | 0         | 56           | 56           | 56           | 0        | 0        | 0        | 0        | 0        |
| Construction                     | 3,918        | 0         | 2,092        | 1,826        | 1,826        | 0        | 0        | 0        | 0        | 0        |
| Other                            | 74           | 0         | 74           | 0            | 0            | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b>                     | <b>5,024</b> | <b>82</b> | <b>2,890</b> | <b>2,052</b> | <b>2,052</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |              |           |              |              |              |          |          |          |          |          |
|--------------|--------------|-----------|--------------|--------------|--------------|----------|----------|----------|----------|----------|
| G.O. Bonds   | 5,024        | 82        | 2,890        | 2,052        | 2,052        | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b> | <b>5,024</b> | <b>82</b> | <b>2,890</b> | <b>2,052</b> | <b>2,052</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |           |          |          |           |           |           |           |
|-------------------|--|--|--|-----------|----------|----------|-----------|-----------|-----------|-----------|
| Maintenance       |  |  |  | 80        | 0        | 0        | 20        | 20        | 20        | 20        |
| <b>Net Impact</b> |  |  |  | <b>80</b> | <b>0</b> | <b>0</b> | <b>20</b> | <b>20</b> | <b>20</b> | <b>20</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 267   |
| Appropriation Request Est.         | FY 16 | 0     |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 4,757 |
| Expenditure / Encumbrances         |       | 82    |
| Unencumbered Balance               |       | 4,675 |

|                          |       |
|--------------------------|-------|
| Date First Appropriation | FY 12 |
| First Cost Estimate      |       |
| Current Scope            | FY 13 |
| Last FY's Cost Estimate  | 5,024 |

## Description

The traffic circle is located in front of the Executive Office Building (EOB) and Judicial Center (JC). The circle requires immediate repairs due to continual deterioration which is causing water infiltration into the EOB/Judicial Center loading dock below. This two phase project will address the failed expansion joint seals within Monroe Street. Phase I of the project, Monroe Street Expansion Joint Seal Replacement, includes selective structural road deck concrete patching and placement of a smoke and fire blanket beneath the joint seal. Phase II includes selected demolition, removal of plaza surfacing, asphalt topping, and concrete topping followed by reconstruction of wearing surface.

## Estimated Schedule

Design and construction for Phase I and Phase II have been combined. DGS has work underway and has completed the concept design with work scheduled to begin summer 2014.

## Justification

The circle was deteriorating and was at a point that immediate repairs were needed due to life safety and structural concerns resulting from cracks in the roof deck and various openings in failed expansion joints. Extensive water infiltration in the loading dock servicing the EOB, JC and neighboring stores was occurring at an increasing rate due to failure of expansion joints in the traffic circle. Water infiltration caused parts of the concrete roof deck to fail resulting in concrete portions falling onto the loading dock below. Continual water damage to the loading dock will result in higher repair costs in the future if this problem is not taken care of immediately. A Structural Engineering and Condition Evaluation Study, dated April 7, 2010, was prepared by Smislova, Kehnemui & Associates and forms the basis of this project. The study concluded that the plaza structure and envelope is in poor condition with specific components undergoing severe physical distress. Study recommendations are that, in Phase I, a plaza repair program be performed on a prioritized basis starting with replacement of the deficient expansion joint seal located in the middle of Monroe Street and installation of a smoke and fire blanket beneath the joint. In Phase II, plaza resurfacing, waterproofing, and planter and structural deck repairs are completed.

## Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

## Coordination

Department of General Services, City of Rockville, Adjacent Property Owners, Circuit Court

# MCPS Food Distribution Facility Relocation (P361111)

|                      |                                       |                                   |                    |
|----------------------|---------------------------------------|-----------------------------------|--------------------|
| Category             | General Government                    | Date Last Modified                | 1/6/14             |
| Sub Category         | County Offices and Other Improvements | Required Adequate Public Facility | No                 |
| Administering Agency | General Services (AAGE29)             | Relocation Impact                 | None               |
| Planning Area        | Gaithersburg                          | Status                            | Under Construction |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |               |          |          |          |          |          |          |          |
|----------------------------------|---------------|--------------|---------------|----------|----------|----------|----------|----------|----------|----------|
| Planning, Design and Supervision | 3,265         | 1,167        | 2,098         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Land                             | 0             | 0            | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0             | 0            | 0             | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Construction                     | 24,036        | 0            | 24,036        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Other                            | 7,954         | 0            | 7,954         | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b>                     | <b>35,255</b> | <b>1,167</b> | <b>34,088</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                 |               |              |               |          |          |          |          |          |          |          |          |
|-----------------|---------------|--------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| G.O. Bonds      | 35,255        | 0            | 0             | 5,620    | 0        | 0        | 2,810    | 2,810    | 0        | 0        | 29,635   |
| Interim Finance | 0             | 1,167        | 34,088        | -5,620   | 0        | 0        | -2,810   | -2,810   | 0        | 0        | -29,635  |
| <b>Total</b>    | <b>35,255</b> | <b>1,167</b> | <b>34,088</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> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |              |            |            |            |            |            |            |
|-------------------|--|--|--|--------------|------------|------------|------------|------------|------------|------------|
| Energy            |  |  |  | 954          | 124        | 166        | 166        | 166        | 166        | 166        |
| Maintenance       |  |  |  | 1,264        | 165        | 220        | 220        | 220        | 220        | 220        |
| <b>Net Impact</b> |  |  |  | <b>2,219</b> | <b>289</b> | <b>386</b> | <b>386</b> | <b>386</b> | <b>386</b> | <b>386</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 0      |
| Appropriation Request Est.         | FY 16 | 0      |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 35,255 |
| Expenditure / Encumbrances         |       | 1,505  |
| Unencumbered Balance               |       | 33,750 |

|                          |        |
|--------------------------|--------|
| Date First Appropriation | FY 13  |
| First Cost Estimate      |        |
| Current Scope            | FY 13  |
| Last FY's Cost Estimate  | 35,255 |

## Description

This project is part of the Smart Growth Initiative and provides for design and construction of a new facility on the Webb Tract site on Snouffer School Road. The existing facility is located at the County Service Park on Crabbs Branch Way. The current Montgomery County Public Schools (MCPS) Food Distribution Facility is about 58,000 square feet with 150 parking spaces for the staff and 8 loading docks. The new facility includes expansion space to meet the future needs of the program.

## Estimated Schedule

The design phase was completed in the spring of 2013, followed by approximately six months for bidding and a construction period of approximately thirteen months

## Justification

In order to implement the County's Shady Grove Sector Plan which capitalizes on the existing investment in mass transit by creating a transit-oriented development community, the County Service Park at Crabbs Branch must be relocated. Relocation of the facilities at the County Service Park will enable the County to realize housing and transit-oriented development while also addressing unmet County facilities needs. Plans and studies for this project include: Projected Space Requirements for MCPS Division of Food and Nutrition Services (Delmar Architects, 2005 and 2008); and Montgomery County Multi-Agency Service Park Master Plan and Design Guideline, February 23, 2011.

## Other

This project is based on an estimated cost of \$28.655 million for construction of a 77,000 s.f. building and \$6.6 million for new food processing equipment. Proceeds from Land Sales of the County Service Park West must be allocated to retiring the Interim Financing for the MCPS & M-NCPPC Maintenance Facilities Relocation and Public Safety Training Academy (PSTA) & Multi-Agency Service Park Site Development projects.

## Fiscal Note

The project provides for complete design and construction. Interim financing will be used for this effort in the short term, with permanent funding sources to include G.O. Bonds and Land Sale Proceeds. All site improvement-related work is being shifted from this project to the PSTA and Multi-Agency Service Park - Site Development project (PDF No. 470907) and the cumulative appropriation adjusted accordingly.

## Disclosures

A pedestrian impact analysis has been completed for this project.

## Coordination

## MCPS Food Distribution Facility Relocation (P361111)

Department of General Services, Montgomery County Public Schools, Department of Transportation, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Department of Finance, Department of Technology Services, Office of Management and Budget, Washington Suburban Sanitary Commission, PEPCO, Upcounty Regional Services Center, Washington Gas. Special Capital Projects Legislation [Bill No. 20-10] was adopted by Council June 15, 2010.

# Americans with Disabilities Act (ADA): Compliance (P361107)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |              |               |              |              |              |              |              |              |          |
|----------------------------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 5,414         | 936          | 278          | 4,200         | 700          | 700          | 700          | 700          | 700          | 700          | 0        |
| Land                             | 0             | 0            | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Site Improvements and Utilities  | 283           | 283          | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 32,147        | 466          | 8,881        | 22,800        | 4,800        | 2,800        | 3,800        | 2,800        | 5,800        | 2,800        | 0        |
| Other                            | 156           | 156          | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>38,000</b> | <b>1,841</b> | <b>9,159</b> | <b>27,000</b> | <b>5,500</b> | <b>3,500</b> | <b>4,500</b> | <b>3,500</b> | <b>6,500</b> | <b>3,500</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |               |              |              |               |              |              |              |              |              |              |          |
|--------------------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| Current Revenue: General | 4,500         | 0            | 1,500        | 3,000         | 500          | 500          | 500          | 500          | 500          | 500          | 0        |
| G.O. Bonds               | 33,500        | 1,841        | 7,659        | 24,000        | 5,000        | 3,000        | 4,000        | 3,000        | 6,000        | 3,000        | 0        |
| <b>Total</b>             | <b>38,000</b> | <b>1,841</b> | <b>9,159</b> | <b>27,000</b> | <b>5,500</b> | <b>3,500</b> | <b>4,500</b> | <b>3,500</b> | <b>6,500</b> | <b>3,500</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 5,500  |
| Appropriation Request Est.         | FY 16 | 3,500  |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 11,000 |
| Expenditure / Encumbrances         |       | 2,444  |
| Unencumbered Balance               |       | 8,556  |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 11        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 38,000 |
| Last FY's Cost Estimate  | 29,000       |
| Partial Closeout Thru    | 0            |
| New Partial Closeout     | 0            |
| Total Partial Closeout   | 0            |

## Description

This program provides for an on-going comprehensive effort to ensure that County buildings and other facilities are built and maintained in compliance with Title II of the Americans with Disabilities Act (ADA) and the ADA 2010 Standards for Accessible Design (2010 Standards). This program includes both the correction of deficiencies identified by the United States Department of Justice (DOJ) during its proactive Project Civic Access (PCA) assessment of County facilities, an assessment by the County of all County government buildings and facilities not included in the PCA assessment and remediation of any deficiencies identified by those assessments. The program also includes policy development, advanced technical training for County architects and engineers to ensure that ADA compliance and accessibility are incorporated throughout the County's planning, staff training, design and construction process in order to ensure that County facilities are fully compliant with Title II of the ADA. In September 2010 revised Title II ADA regulations, including the 2010 Standards, were issued by DOJ. The new 2010 Standards include revisions to the 1991 ADA Accessibility Guideline (ADAAG) standards and supplemental standards for features not addressed in the 1991 ADAAG including pools, recreation facilities, ball fields, locker rooms, exercise rooms, picnic areas, golf courses, playgrounds and residential housing. The Title II ADA regulations require jurisdictions to proactively address the supplemental standards by bringing all features addressed in the supplemental standards into compliance with the 2010 Standards.

## Estimated Schedule

The following facilities are listed per settlement agreement with the Department of Justice:

FY 15: Noyes Library, Montgomery Aquatic Center, Chevy Chase Library, Kensington Park Library, Bauer Drive Community Recreation Center (CRC), Long Branch Pool, Potomac CRC, Longwood CRC, Clara Barton Neighborhood Recreation Center, Twinbrook Library, Long Branch Library, Upcounty Regional Services Center.

FY16: 8818 Georgia Avenue - Silver Spring Health and Human Services Regional Center, 5th District Police, Outpatient Addictions Services, 703 Avery Road, Lawrence Court Halfway House, 3rd District Police, 401 Hungerford Drive, Kensington Volunteer Fire Department (VFD) Station 25, Council Office Building, Judicial Center, Historic Silver Theatre, Sandy Spring VFD Station 40.

In the following cases, ADA compliance will be achieved through replacement facilities in stand alone projects: 2nd District Police, Silver Spring Library, Wheaton Regional Library, Dennis Avenue Health Center, Judicial Center, Children's Resource Center.

## Cost Change

Increase due to the addition of FY19 and FY20 to this ongoing project. Fluctuations in annual funding reflect a need to balance overall bond funding across the six year period.

## Justification

## Americans with Disabilities Act (ADA): Compliance (P361107)

Montgomery County was selected by DOJ for a Project Civic Access review in 2006. Project Civic Access is a proactive, ongoing initiative of the Disability Rights Section (DRS) of the DOJ Civil Rights Division to ensure ADA compliance in local and state governments throughout the country. DOJ has completed reviews and signed settlement agreements with over 150 jurisdictions to date. DOJ has inspected approximately 112 County government buildings and facilities. In addition, they have inspected polling places, ballfields, golf courses, and local parks. Montgomery County signed a legally binding settlement agreement to address the findings in August, 2011. MNCPPC was a co-signer of the Agreement. The Agreement requires the County to remediate all problems identified by DOJ within a negotiated timeline and to survey all remaining buildings, facilities and programs not surveyed by DOJ. Programs and facilities must be surveyed within a three year time frame, with approximately 80 completed each year. The County is required to send a report of its findings to DOJ each year with a proposed remediation plan and timeline.

### **Disclosures**

Expenditures will continue indefinitely.

### **Coordination**

United States Department of Justice, Department of Health and Human Services, Department of Transportation, County Attorney's Office, Montgomery County Public Schools, Revenue Authority, Maryland-National Capital Park and Planning Commission, Department of General Services, Montgomery County Public Schools

# EOB HVAC Renovation (P361103)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Rockville

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Planning Stage

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |          |          |              |              |              |          |          |          |          |
|----------------------------------|--------------|----------|----------|--------------|--------------|--------------|----------|----------|----------|----------|
| Planning, Design and Supervision | 1,000        | 0        | 0        | 1,000        | 1,000        | 0            | 0        | 0        | 0        | 0        |
| Land                             | 0            | 0        | 0        | 0            | 0            | 0            | 0        | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0            | 0        | 0        | 0            | 0            | 0            | 0        | 0        | 0        | 0        |
| Construction                     | 7,000        | 0        | 0        | 7,000        | 1,000        | 6,000        | 0        | 0        | 0        | 0        |
| Other                            | 0            | 0        | 0        | 0            | 0            | 0            | 0        | 0        | 0        | 0        |
| <b>Total</b>                     | <b>8,000</b> | <b>0</b> | <b>0</b> | <b>8,000</b> | <b>2,000</b> | <b>6,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |              |          |          |              |              |              |          |          |          |          |
|--------------|--------------|----------|----------|--------------|--------------|--------------|----------|----------|----------|----------|
| G.O. Bonds   | 8,000        | 0        | 0        | 8,000        | 2,000        | 6,000        | 0        | 0        | 0        | 0        |
| <b>Total</b> | <b>8,000</b> | <b>0</b> | <b>0</b> | <b>8,000</b> | <b>2,000</b> | <b>6,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 2,000 |
| Appropriation Request Est.         | FY 16 | 6,000 |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 0     |
| Expenditure / Encumbrances         |       | 0     |
| Unencumbered Balance               |       | 0     |

|                          |             |
|--------------------------|-------------|
| Date First Appropriation | FY 15       |
| First Cost Estimate      |             |
| Current Scope            | FY 14 8,000 |
| Last FY's Cost Estimate  | 8,000       |

### Description

This project provides for the procurement and partial compensation of an Energy Service Company (ESCO) to replace the outdated and energy-inefficient HVAC systems in the Executive Office Building (EOB) located at 101 Monroe Street, Rockville, Maryland. The ESCO analyzes, designs, and constructs the energy-efficient Heating Ventilation, and Air Conditioning (HVAC) replacement systems. In return, the ESCO receives a portion of the saved energy costs in addition to direct compensation.

### Estimated Schedule

The ESCO analysis and design is scheduled to occur in FY15 with an agreement with the ESCO and construction occurring in late FY15 and FY16.

### Justification

The EOB was built in 1979, and its HVAC system is over 30 years old. In 2006, the Department of General Services hired a consultant (URS Inc.) to conduct a condition assessment study to identify the condition of the HVAC system. The outcome of this study indicated that all equipment and components have reached the end of their economic life expectancy. Moreover, the existing all electric heating system is highly inefficient and is costly to operate. The consultant study recommended that the entire HVAC system be redesigned with state-of-the-art-technology, highly efficient equipment, and be replaced in its entirety. The ESCO approach to this project saves the County considerable upfront costs.

### Fiscal Note

Project completion has slipped from FY15 to FY16 due to contract award delays.

### Coordination

Department of General Services, City of Rockville, Offices of the County Executive, Department of Technology Services, Department of Finance, Montgomery County Fire and Rescue Service, Department of Human Resources, Office of Management and Budget, Department of Transportation, Washington Gas, WSSC, PEPCO



# Montgomery County Radio Shop Relocation (P360902)

|                      |                                       |                                   |                |
|----------------------|---------------------------------------|-----------------------------------|----------------|
| Category             | General Government                    | Date Last Modified                | 1/6/14         |
| Sub Category         | County Offices and Other Improvements | Required Adequate Public Facility | No             |
| Administering Agency | General Services (AAGE29)             | Relocation Impact                 | None           |
| Planning Area        | Rockville                             | Status                            | Planning Stage |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |           |          |              |          |          |            |              |              |          |          |
|----------------------------------|--------------|-----------|----------|--------------|----------|----------|------------|--------------|--------------|----------|----------|
| Planning, Design and Supervision | 1,441        | 53        | 8        | 1,380        | 0        | 0        | 608        | 509          | 263          | 0        | 0        |
| Land                             | 0            | 0         | 0        | 0            | 0        | 0        | 0          | 0            | 0            | 0        | 0        |
| Site Improvements and Utilities  | 577          | 0         | 0        | 577          | 0        | 0        | 0          | 337          | 240          | 0        | 0        |
| Construction                     | 5,412        | 0         | 0        | 5,412        | 0        | 0        | 0          | 3,163        | 2,249        | 0        | 0        |
| Other                            | 551          | 0         | 0        | 551          | 0        | 0        | 0          | 0            | 551          | 0        | 0        |
| <b>Total</b>                     | <b>7,981</b> | <b>53</b> | <b>8</b> | <b>7,920</b> | <b>0</b> | <b>0</b> | <b>608</b> | <b>4,009</b> | <b>3,303</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                 |              |           |          |              |          |          |            |              |              |          |          |
|-----------------|--------------|-----------|----------|--------------|----------|----------|------------|--------------|--------------|----------|----------|
| G.O. Bonds      | 61           | 53        | 8        | 0            | 0        | 0        | 0          | 0            | 0            | 0        | 0        |
| Interim Finance | 7,920        | 0         | 0        | 7,920        | 0        | 0        | 608        | 4,009        | 3,303        | 0        | 0        |
| <b>Total</b>    | <b>7,981</b> | <b>53</b> | <b>8</b> | <b>7,920</b> | <b>0</b> | <b>0</b> | <b>608</b> | <b>4,009</b> | <b>3,303</b> | <b>0</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |           |          |          |          |          |           |           |
|-------------------|--|--|--|-----------|----------|----------|----------|----------|-----------|-----------|
| Energy            |  |  |  | 28        | 0        | 0        | 0        | 0        | 14        | 14        |
| Maintenance       |  |  |  | 33        | 0        | 0        | 0        | 0        | 17        | 17        |
| <b>Net Impact</b> |  |  |  | <b>62</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>31</b> | <b>31</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 0     |
| Appropriation Request Est.         | FY 16 | 0     |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 7,981 |
| Expenditure / Encumbrances         |       | 53    |
| Unencumbered Balance               |       | 7,928 |

|                          |       |       |
|--------------------------|-------|-------|
| Date First Appropriation | FY 09 |       |
| First Cost Estimate      |       |       |
| Current Scope            | FY 11 | 7,981 |
| Last FY's Cost Estimate  |       | 7,981 |

## Description

This project is part of the Smart Growth Initiative program and provides for the relocation of the Montgomery County Radio Shop currently located at 16551 Crabbs Branch Way in the Shady Grove Sector, to a County-owned site on Seven Locks Road. The Montgomery County Radio Repair Shop provides radio installation and repair services for the Police, Fire and Rescue, and Transportation departments throughout Montgomery County.

## Estimated Schedule

The design phase will commence during the winter of 2017 and is expected to last nine months, followed by approximately six months for bidding, with a construction period of approximately fourteen months.

## Justification

In order to implement the County's Shady Grove Sector Plan which would capitalize on the existing investment in mass transit by creating a transit-oriented development community, the County Service Park must be relocated. Relocation of the facilities at the County Service Park will enable the County to realize both the transit-oriented development intended for the area and address unmet needs. The County is faced with aging facilities that require extensive investment of funds to meet its needs. With the age of some of the facilities, the extent of the required investment must be weighed against the long-term ability of the facilities to satisfy current and future County needs. Plans and studies for this project include: M-NCPPC Shady Grove Sector Plan, approved by the Montgomery County Council, January 2006, adopted by the M-NCPPC, March 15, 2006; Montgomery County Property Use Study Updated Briefing to County Council, April 29, 2008 (based on Staubach Reports); Montgomery County Smart Growth Initiative Update to County Council, September 23, 2008.

## Disclosures

A pedestrian impact analysis has been completed for this project.

## Coordination

Department of General Services, Department of Transportation, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Department of Finance, Department of Technology Services, Office of Management and Budget, Washington Suburban Sanitary Commission, City of Rockville, PEPCO, Washington Gas, Bethesda Regional Services Center

# Public Safety System Modernization (P340901)

Category  
Sub Category  
Administering Agency  
Planning Area

General Government  
County Offices and Other Improvements  
County Executive (AAGE03)  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

1/6/14  
No  
None  
Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |                |               |               |               |               |              |            |          |          |          |
|----------------------------------|----------------|---------------|---------------|---------------|---------------|--------------|------------|----------|----------|----------|
| Planning, Design and Supervision | 7,239          | 132           | 4,186         | 2,921         | 1,321         | 1,600        | 0          | 0        | 0        | 0        |
| Land                             | 0              | 0             | 0             | 0             | 0             | 0            | 0          | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0              | 0             | 0             | 0             | 0             | 0            | 0          | 0        | 0        | 0        |
| Construction                     | 71,431         | 0             | 48,020        | 23,411        | 18,021        | 4,890        | 500        | 0        | 0        | 0        |
| Other                            | 31,038         | 27,742        | 1,071         | 2,225         | 2,225         | 0            | 0          | 0        | 0        | 0        |
| <b>Total</b>                     | <b>109,708</b> | <b>27,874</b> | <b>53,277</b> | <b>28,557</b> | <b>21,567</b> | <b>6,490</b> | <b>500</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |                |               |               |               |               |              |            |          |          |          |
|--------------------------|----------------|---------------|---------------|---------------|---------------|--------------|------------|----------|----------|----------|
| Current Revenue: General | 6,453          | 0             | 3,532         | 2,921         | 1,321         | 1,600        | 0          | 0        | 0        | 0        |
| Federal Aid              | 4,065          | 2,947         | 1,118         | 0             | 0             | 0            | 0          | 0        | 0        | 0        |
| G.O. Bonds               | 57,409         | 4,027         | 35,971        | 17,411        | 13,021        | 4,390        | 0          | 0        | 0        | 0        |
| Short-Term Financing     | 41,781         | 20,900        | 12,656        | 8,225         | 7,225         | 500          | 500        | 0        | 0        | 0        |
| <b>Total</b>             | <b>109,708</b> | <b>27,874</b> | <b>53,277</b> | <b>28,557</b> | <b>21,567</b> | <b>6,490</b> | <b>500</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |              |          |            |              |              |              |              |
|-------------------|--|--|--|--------------|----------|------------|--------------|--------------|--------------|--------------|
| Maintenance       |  |  |  | 905          | 0        | 0          | 125          | 260          | 260          | 260          |
| Program-Staff     |  |  |  | 1,660        | 0        | 450        | 450          | 360          | 200          | 200          |
| Program-Other     |  |  |  | 3,260        | 0        | 0          | 815          | 815          | 815          | 815          |
| <b>Net Impact</b> |  |  |  | <b>5,825</b> | <b>0</b> | <b>450</b> | <b>1,390</b> | <b>1,435</b> | <b>1,275</b> | <b>1,275</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 8,046  |
| Appropriation Request Est.         | FY 16 | 2,100  |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 96,562 |
| Expenditure / Encumbrances         |       | 28,235 |
| Unencumbered Balance               |       | 68,327 |

|                          |         |
|--------------------------|---------|
| Date First Appropriation | FY 09   |
| First Cost Estimate      |         |
| Current Scope            | FY 15   |
| Last FY's Cost Estimate  | 108,083 |

## Description

This program will provide for phased upgrades and modernization of computer aided dispatch (CAD), law enforcement records management system (LE RMS), and voice radio systems used primarily by the County's public safety first responder agencies including Police, Fire and Rescue, Sheriff, Corrections and Rehabilitation, and Emergency Management and Homeland Security. The modernization will include replacement of the current CAD/LE RMS system, replacement of public safety mobile and portable radios, upgrade of non-public safety mobile and portable radios, and replacement of core voice radio communications infrastructure. The previously approved Fire Station Alerting System Upgrades project (CIP #451000) was transferred to this project in order to coordinate the upgrades with the new CAD system. The alerting system upgrades will modernize the fire station alerting systems at 43 existing work sites, maintaining the ability to notify fire and rescue stations of emergencies. The alerting system, including audible and data signals, is essential for the notification of an emergency and the dispatch of appropriate response units from the County. As voice, data, and video are beginning to converge to a single platform, this project will provide a pathway to a modern public safety support infrastructure that will enable the County to leverage technology advances and provide efficient and reliable systems for first responders. This project will follow the methodologies and strategies presented in the Public Safety Systems Modernization (PSSM) plan completed in July 2009.

## Cost Change

Cost increase of \$1.4 million in FY16 to reflect continued staff charges resulting from delays in program implementation. Cost increase of \$225,000 in FY15 to reflect reimbursement for the purchase of 61 Mobile Data Computers (MDCs) for the Maryland-National Capital Park and Planning Commission Park Police.

## Justification

## Public Safety System Modernization (P340901)

The public safety systems require modernization. The CAD system is reaching the end of useful life and does not meet the County's current operational requirements, impacting the response time of first responders to 9-1-1 calls. The CAD Roadmap Study, completed in March 2009, recommended replacement of the system to address existing shortcomings and prepare for the next generation 9-1-1 systems. The manufacturer's support for the voice radio system has begun to be phased out as of December 31, 2009. Beyond that date, the manufacturer will only continue to provide system support on an as available basis, but will not guarantee the availability of parts or technical resources. The CAD modernization has initiated a detailed planning phase that included the use of industry experts to assist with business process analysis and to develop detailed business and technical requirements for the new CAD system. This process will allow the County to incorporate lessons learned and best practices from other jurisdictions. As more of the County's regional partners migrate to newer voice technologies, it will affect interoperable voice communications. To ensure that the County maintains reliable and effective public safety (voice radio) communications for the operations of its first responders and to sustain communications interoperability for seamless mutual aid among its regional partners, the County needs to implement a project to upgrade and modernize its portable and mobile radio units and subsequently the radio voice communications infrastructure. Acceleration of the public safety radio purchases was initiated to take advantage of a Partial Payment in Lieu of Re-Banding offer from Sprint/Nextel toward the financing of new, upgraded, P-25 compliant public safety radios and to meet the Federal Communications Commission (FCC) mandated 800 MHz frequency rebanding requirements for nationwide public safety radio frequency interoperability. Now, the installation of the new core radio communication infrastructure is needed. The fire station alerting system upgrades were identified as a need under Section 5 of the MCFRS Master Plan (adopted by the County Council in October 2005) and detailed in the Station Alerting and Public Address (SA/PA) System for Fire/Rescue Stations, Rev 1, 2006. This project allows for the continuous and seamless functioning of the alerting systems within each fire station. A preliminary survey by DTS of existing conditions at all stations revealed system-wide concerns, including inadequate spare parts inventory and lack of available maintenance support for alerting systems.

### **Other**

\$20.936 million was appropriated in FY11 to purchase P-25 compliant radios that allowed the County to complete immediate re-banding within the 800 MHz frequency as required by the FCC. The radio replacement program includes the M-NCPPC Montgomery County Park Police. The future purchase of public safety radios (other than to replace broken equipment) must be able to be supported by a P25 Phase-2 compliant infrastructure. The use of State of Maryland infrastructure will be aggressively pursued in order to minimize costs to Montgomery County. The CAD procurement request will reflect the County's interest in maintaining the station alerting functionality at the current level or better through the CAD system. The RFP for CAD replacement will include replacement of the following systems: CAD, mapping, and the existing Law Enforcement Records Management and Field Reporting systems. Coordination with participating department/agencies and regional partners will continue throughout the project.

### **Fiscal Note**

Funding in FY09 included Urban Area Security Initiative (UASI) grant funding of \$2.055 million and Fire Act grant funding of \$988,000. Funds shall not be used to purchase or implement a new Computer-Aided Dispatch (CAD) system or radio infrastructure until the County Executive provides the County Council with a detailed proposal and accurate cost estimates for the total project scope.

### **Coordination**

PSSM Executive Steering Group, Executive Program Directors, Department of Technology Services, Department of Police, Montgomery County Fire and Rescue Service, Sheriff's Office, Department of Correction and Rehabilitation, Office of Emergency Management and Homeland Security, Department of Transportation, Department of Liquor Control, Montgomery County Public Schools (MCPS), Maryland-National Park and Planning Commission (M-NCPPC) Park Police, Washington Metropolitan Area Transit Authority (WMATA)

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# Economic Development

## PROGRAM DESCRIPTION AND OBJECTIVES

The objectives of this program are to:

- Develop the necessary infrastructure and amenities to facilitate expansion of the County's technology and other business sectors with high growth potential;
- Develop business incubators to foster the growth of start-up technology companies in the County; and
- Facilitate public-private partnerships to revitalize targeted central business districts and other strategic locations in the County.

## HIGHLIGHTS

- Provide funding for the design and construction of a parking garage and related site modifications at the Universities at Shady Grove (USG)/University of Maryland System Campus. The County's commitment to fund the garage and grounds modifications will leverage state aid to build a new Biomedical Sciences/Engineering Education (BMSE) academic building.
- Design and construction of a public-private, transit-oriented development project in Wheaton.
- Design and construction of the Wheaton Town Center.
- Continue funding for plans, studies, analysis, and development coordination activities by the County necessary to implement redevelopment in the White Flint Sector Plan Area.
- Plan public improvements necessary to support a Long Branch Town Center.

## NEW BUSINESS DEVELOPMENT

The New Business Development Capital Program is administered by the Montgomery County Department of Economic Development. The objectives of this program are to:

- Provide attractive, well-coordinated improvements for key life sciences industry facilities;
- Expand the educational and research resources available for Montgomery County residents, employers, and workforce; and
- Expand meeting and exhibit resources to meet the needs of Montgomery County residents and employers.

### Program Contacts

Contact Peter Bang of the Department of Economic Development at 240.777.2008 or Jahantab Siddiqui of the

Office of Management and Budget at 240.777.2795 for more information regarding this capital budget project.

### Capital Program Review

One ongoing project is recommended for FY15-20: Universities at Shady Grove Expansion which provides funding for the construction of a parking garage and related site modifications at the Universities at Shady Grove (USG) Campus. The County's commitment to fund the garage and grounds modifications will leverage State funding for a Biomedical Sciences/Engineering Education (BMSE) academic building. In conjunction with the nearby Institute for Bioscience and Biotechnology Research (IBBR), the new academic building is expected to expand capacity at the campus, particularly in the high growth fields of biotechnology and engineering. This initiative will support the County's and State's education, employment, and economic development goals and furthers the underlying goals of the Great Seneca Science Corridor plan.

The total FY15-20 funding for this project is \$20 million. This is the same amount as approved in the FY13-18 CIP.

## WHEATON REDEVELOPMENT

The Wheaton Redevelopment Program capital investment objectives are to aid in the redevelopment and revitalization of the downtown Central Business District by providing, in partnership with private development interests: infrastructure improvements designed to support private development; strategic acquisition of local properties to provide better linkages; public amenities and facilities at redevelopment sites; green space/public activity and/or entertainment space; public parking to support increased development activity; infrastructure improvements, such as unified public streetscape; and façade and other enhancements to deteriorating building structures.

The County Executive is committed to ensuring that the local community is fully involved and that private development plans are fully coordinated with all pertinent governmental functions. Thus, the County Executive has tasked the Department of Transportation, through its Division of Parking District Services, with administering the Wheaton Redevelopment Program. Through DOT, the Executive-appointed Wheaton Redevelopment Advisory Committee, and the Mid-County Regional Services Center, the Executive ensures that citizenry and businesses have an active voice in a well coordinated review of new projects and in making recommendations to the County Executive.

### **Program Contacts**

Contact Al Roshdieh of the Department of Transportation, at 240.777.7175 or Pofen Salem of the Office of Management and Budget at 240.777.2773 for more information regarding this capital budget project.

### **Capital Program Review**

One ongoing project is recommended for FY15-20: Wheaton Redevelopment Program which provides funding to support public/private development projects, including private residential and/or commercial development, a new headquarters for M-NCPPC, offices for the Wheaton Regional Services Center and other County agencies, a town square, and public parking. The FY15-20 total for the Wheaton Redevelopment Program is \$64.5 million. This represents a \$1.8 million, or 0.3 percent, decrease from the FY13-18 amended amount of \$66.3 million. This change is due to completion of some planning and design work and the addition of State aid for a pilot, solar-powered trash compactor program and façade improvements.

A development team has been selected by the County to design and construct this project, and community outreach meetings have been held on initial project concepts. As the general development agreement is ready to move forward, the County Executive will amend the project to reflect the outcome of the final agreement and community input. This project is critical to the County's economic development goals and the long-term economic vitality of Wheaton.

## **WHITE FLINT REDEVELOPMENT**

In 2010, the Montgomery County Council approved the new White Flint Sector Plan. The Plan establishes a vision for transforming what has been an auto-oriented suburban development pattern into a denser, mixed-use "urban" center in which people can walk to work, shops, and transit. The Plan also calls for a financing mechanism that would generate significant revenues from properties and developments within the Sector Plan Area. The County Council further defined this financing mechanism in Bill 50-10, which establishes a White Flint Special Taxing District.

In addition to the financing implementation, specialized services are required for the complex land assemblage and disposition actions associated with implementation of Stage I. Staff time and services are required to manage and coordinate efforts to develop detailed staging plans, to assess opportunities to maximize property dedications, and to negotiate property dedications to avoid or minimize acquisition costs.

### **Program Contacts**

Contact Dee Metz of the Office of the County Executive, at 240.777.2510, or Naeem Mia of the Office of Management and Budget, at 240.777.2782, for more information regarding this department's capital budget.

### **Capital Program Review**

One ongoing project is recommended for FY15-20: White Flint Redevelopment Program which provides for the plans, studies, analysis, and development coordination activities by the County necessary to implement redevelopment in the White Flint Sector Plan Area. The FY15-20 total of all years for this project is \$3.29 million. This represents a \$2.26 million, or 40.7 percent decrease from the FY13-18 amended amount of \$5.55 million.

Related and complementary projects, White Flint District East: Transportation, White Flint District West: Transportation, and White Flint West Workaround, are described in the Transportation section.

## **LONG BRANCH REDEVELOPMENT**

The Long Branch Redevelopment Program is an initiative to aid in the revitalization of the Long Branch community of Silver Spring by working in conjunction with private development interests to reorganize the commercial areas to create a town center that enhances the sense of place and create a mixed-use residential and commercial center as the focus for the surrounding neighborhoods. The redevelopment of Long Branch will include infrastructure improvements, such as unified public streetscape, façade and other enhancements to deteriorating building structures, better pedestrian linkages to public amenities and community facilities, green space and public activity spaces, and parking to support increased development activity.

The County Executive is committed to ensuring that the local community is as fully involved as possible and that private development plans are fully coordinated with all pertinent governmental functions. Thus, the County Executive has tasked the Department of General Services (DGS) through its Division of Building Design & Construction, Division of Facilities Management, Office of Planning & Development, and the Office of Procurement, with administering the Long Branch Redevelopment Program. Through DGS, the Department of Housing and Community Affairs (DHCA), and the Silver Spring Regional Services Center, the Executive ensures that citizenry and businesses have an active voice in a well-

coordinated review of new projects and in making recommendations to the County Executive.

### **Program Contacts**

Contact Peter McGinnity of the Department of General Services, at 240.777.8126 or Pofen Salem of the Office of Management and Budget at 240.777.2773 for more information regarding this capital budget project.

### **Capital Program Review**

One ongoing project, in partnership with the private sector, is recommended for FY15-20: Long Branch Town Center Redevelopment which provides for the planning of public improvements to support the redevelopment of the super block bounded by Arliss Street, Flower Avenue, and Piney Branch Road. The FY15-20 total of all years for this project is \$300,000, which is the same amount approved in the FY13-18 CIP.

As new development is ready to move forward, the County Executive may recommend the corresponding public investment by adding to this program.

A related and complementary project, Long Branch Pedestrian Linkages, is nearly completion and has been administered by the Department of Housing and Community Affairs.

# Universities at Shady Grove Expansion (P151201)

|                      |                               |                                   |                |
|----------------------|-------------------------------|-----------------------------------|----------------|
| Category             | General Government            | Date Last Modified                | 1/6/14         |
| Sub Category         | Economic Development          | Required Adequate Public Facility | No             |
| Administering Agency | Economic Development (AAGE06) | Relocation Impact                 | None           |
| Planning Area        | Shady Grove Vicinity          | Status                            | Planning Stage |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |          |          |               |              |               |              |          |          |          |
|----------------------------------|---------------|----------|----------|---------------|--------------|---------------|--------------|----------|----------|----------|
| Planning, Design and Supervision | 0             | 0        | 0        | 0             | 0            | 0             | 0            | 0        | 0        | 0        |
| Land                             | 0             | 0        | 0        | 0             | 0            | 0             | 0            | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0             | 0        | 0        | 0             | 0            | 0             | 0            | 0        | 0        | 0        |
| Construction                     | 20,000        | 0        | 0        | 20,000        | 5,000        | 10,000        | 5,000        | 0        | 0        | 0        |
| Other                            | 0             | 0        | 0        | 0             | 0            | 0             | 0            | 0        | 0        | 0        |
| <b>Total</b>                     | <b>20,000</b> | <b>0</b> | <b>0</b> | <b>20,000</b> | <b>5,000</b> | <b>10,000</b> | <b>5,000</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|              |               |          |          |               |              |               |              |          |          |          |
|--------------|---------------|----------|----------|---------------|--------------|---------------|--------------|----------|----------|----------|
| G.O. Bonds   | 20,000        | 0        | 0        | 20,000        | 5,000        | 10,000        | 5,000        | 0        | 0        | 0        |
| <b>Total</b> | <b>20,000</b> | <b>0</b> | <b>0</b> | <b>20,000</b> | <b>5,000</b> | <b>10,000</b> | <b>5,000</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 4,900  |
| Appropriation Request Est.         | FY 16 | 10,000 |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 100    |
| Expenditure / Encumbrances         |       | 0      |
| Unencumbered Balance               |       | 100    |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 15        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 20,000 |
| Last FY's Cost Estimate  | 20,100       |

## Description

This project provides funding for the construction of a parking garage and related site modifications at the Universities at Shady Grove (USG) Campus.

The County's commitment to fund the garage and ground modifications is intended to leverage State funding to build a Biomedical Sciences/Engineering Education (BMSE) academic building. In conjunction with the nearby Institute for Bioscience and Biotechnology Research (IBBR), the new fourth 220,000 sq.ft. academic building is expected to expand capacity at the campus, particularly in the high growth fields of biotechnology and engineering. The building will house science/engineering classrooms as well as clinical training laboratories for programs that will include health, allied health, science and engineering/technology programs in both traditional and bioscience areas and education degrees focused on science, technology, engineering and mathematics (STEM). This initiative will support the County's education, employment, and economic development goals.

The new academic building will be built on the surface parking lot adjacent to the IBBR on the USG campus. The County has agreed to provide funding to the University System of Maryland (USM) for the design and construction of a garage adjacent to the new facility that will recover and expand existing parking capacity and free up land on which the new academic building will be constructed. County funding will also be used to complete ground modifications to create a new entrance to the campus.

## Location

Universities at Shady Grove Campus

## Estimated Schedule

The County and the USM (on behalf of the USG) have entered into a Memorandum of Understanding that outlines the roles and responsibilities of the County, USM and USG for this project. A contractor will soon be selected to design and construct the garage, with a groundbreaking anticipated for the summer of 2014.

## Cost Change

\$100,000 in Current Revenue originally appropriated to conduct a needs assessment is no longer required and has been removed. The construction costs remain the same, and the County's contribution is capped at \$20 million.

## Justification

## Universities at Shady Grove Expansion (P151201)

The new Biomedical Sciences/Engineering Academic Complex (BMSE) will be constructed on existing USG land already zoned for academic building expansion. Parking is currently limited and construction of the building will require the removal of the surface parking lot on this site. A structured parking facility is needed to replace the parking spaces taken by the BMSE. Site improvements for a new entrance to the campus to accommodate the increased student, faculty, and staff access are also required.

The project is a step toward implementing several objectives of the Biosciences Strategy adopted by the County's Biosciences Task Force (December 2009). The new building is planned to be funded by the State, with the County contributing toward the creation of site capacity through the structured garage. This expanded higher education presence in Montgomery County will help to build a robust biosciences workforce and foster commercialization that will provide economic benefits to the County and the State.

The Biosciences Strategy further recommends that the County support partnerships between higher education institutions, industry, and Montgomery County Public Schools to support STEM curriculum development, enhance STEM teacher preparation and expand "laboratory" programs designed to spark student interest in and preparation for health science and bioscience careers. The new building will house programs and curriculum focused on STEM education.

The USG offers more than 70 undergraduate degree programs from nine of the schools in the USM. Located in the Great Seneca Science Corridor Master Plan Area, USG offers among its programs, courses that complement the life sciences focus of the Great Seneca Science Corridor Master Plan. These programs included biology, business, health systems management, nursing, pharmacy, public health sciences, and respiratory therapy. The USG provides for significant development of the workforce for high quality science jobs in Montgomery County. Approximately 600 undergraduate students and 400 to 500 students with graduate and professional degrees graduate each year at the USG. The USG plans to increase its capacity to annually graduate 2,000 undergraduate students and approximately 1,200 graduate/professional degree students (several hundred of which will be in the bioscience and biotechnology disciplines).

### **Fiscal Note**

The County contribution for the parking structure and ground modification costs is capped at \$20 million and is dependent on State funding to design and construct a BMSE academic building. In 2013, the General Assembly pre-authorized \$5.0 million for the design of this academic building, and the State's CIP has the remaining \$154.2 million programmed for FY15-FY18.

### **Coordination**

Department of Economic Development, Department of General Services, State of Maryland, USM, USG



# White Flint Redevelopment Program (P151200)

Category General Government  
 Sub Category Economic Development  
 Administering Agency County Executive (AAGE03)  
 Planning Area North Bethesda-Garrett Park

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Planning Stage

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |            |              |              |            |            |            |            |            |            |          |
|----------------------------------|--------------|------------|--------------|--------------|------------|------------|------------|------------|------------|------------|----------|
| Planning, Design and Supervision | 4,923        | 472        | 1,155        | 3,296        | 946        | 670        | 420        | 420        | 420        | 420        | 0        |
| Land                             | 2,233        | 0          | 2,233        | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| Site Improvements and Utilities  | 0            | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| Construction                     | 0            | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| Other                            | 0            | 0          | 0            | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| <b>Total</b>                     | <b>7,156</b> | <b>472</b> | <b>3,388</b> | <b>3,296</b> | <b>946</b> | <b>670</b> | <b>420</b> | <b>420</b> | <b>420</b> | <b>420</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                                    |              |            |              |              |            |            |            |            |            |            |          |
|------------------------------------|--------------|------------|--------------|--------------|------------|------------|------------|------------|------------|------------|----------|
| Current Revenue: General           | 2,233        | 296        | 1,937        | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0        |
| White Flint - Special Tax District | 4,923        | 176        | 1,451        | 3,296        | 946        | 670        | 420        | 420        | 420        | 420        | 0        |
| <b>Total</b>                       | <b>7,156</b> | <b>472</b> | <b>3,388</b> | <b>3,296</b> | <b>946</b> | <b>670</b> | <b>420</b> | <b>420</b> | <b>420</b> | <b>420</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 171   |
| Appropriation Request Est.         | FY 16 | 670   |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 4,635 |
| Expenditure / Encumbrances         |       | 472   |
| Unencumbered Balance               |       | 4,163 |

|                                |       |       |
|--------------------------------|-------|-------|
| Date First Appropriation FY 09 |       |       |
| First Cost Estimate            |       |       |
| Current Scope                  | FY 15 | 7,156 |
| Last FY's Cost Estimate        |       | 5,931 |
| Partial Closeout Thru          |       | 0     |
| New Partial Closeout           |       | 0     |
| Total Partial Closeout         |       | 0     |

## Description

This program provides for the plans, studies, analysis, and development coordination activities by the County necessary to implement redevelopment in the White Flint Sector Plan Area. Specialized services as detailed in the Justification section below are required to implement the extensive public infrastructure requirements called for in the Sector Plan, and for the implementation of the specified public financing mechanism and related requirements for infrastructure funding. This program also provides for certain land acquisitions necessary to support Transit-Oriented Development (TOD) activities in the White Flint Sector Plan Area.

## Cost Change

Cost increase of \$1.2M is due to updated staff charges and the addition of FY19 and FY20 to this ongoing project.

## Justification

In the spring of 2010, the Montgomery County Council approved the new White Flint Sector Plan, which covers a 430 acre area. The Plan establishes a vision for transforming what has long been an auto-oriented suburban development pattern into a denser, mixed-used 'urban' center in which people can walk to work, shops and transit. An expanded street grid and other infrastructure improvements will create walkable blocks containing residences, retail, offices and local services. The Plan also calls for a financing mechanism that would generate significant revenues from properties and developments within the Sector Plan Area. The County Council further defined this financing mechanism in Bill 50-10, which established a White Flint Special Taxing District, authorized the levy of a property tax and the issuance of bonds to finance transportation infrastructure improvements, and stated conditions for the loaning or advancing of County funds to the District. In Resolution No. 16-1570, the Council adopted an implementation strategy which required the Executive to carry out a feasibility or other study to assess whether debt repayment will require a district tax rate that exceeds certain policy goals, and called for the forward funding or advance funding of specified items in order to promptly implement the Sector Plan. In addition to the financing implementation, specialized services are required related to the complex land assemblage and disposition actions necessary to implement the new street grid and for the reconfiguration of Executive Boulevard/Old Georgetown Road associated with implementation of Stage 1. Staff time and services are required to manage and coordinate efforts to develop detailed staging plans, to assess opportunities to maximize property dedications, and to negotiate property dedications to avoid or minimize acquisition costs. Necessary services will include appraisals, legal services, title services and consultants versed in land assemblage. The County is also currently evaluating efforts needed to implement roadway improvements through the Conference Center site, which is a County asset. Special requirements related to the Conference Center include negotiations with the private hotel owner as well as the Hotel and Conference Center management firm, and the provision of interim and permanent parking related to the impacts of road rights of way that traverse the site and will reduce the number of parking spaces available to patrons.

## Other

The County purchased certain State-owned property in FY13 and resold the property to the developers to facilitate redevelopment. The land sale proceeds will be used to partially fund replacement Conference Center permanent parking, as well as other related Transit-Oriented Development projects, based upon an agreement between the County and State.

## Fiscal Note

The funding source for this project is White Flint Special Taxing District tax revenues. Current revenue was appropriated for this project in FY13 for the purchase of surplus SHA property.

# White Flint Redevelopment Program (P151200)

**Disclosures**

Expenditures will continue indefinitely.

**Coordination**

Office of the County Executive, Department of Finance, Department of Transportation, Department of Economic Development, Maryland Department of Transportation (MDOT), Maryland State Highway Administration (SHA), Developers

# Long Branch Town Center Redevelopment (P150700)

|                      |                           |                                   |                |
|----------------------|---------------------------|-----------------------------------|----------------|
| Category             | General Government        | Date Last Modified                | 1/6/14         |
| Sub Category         | Economic Development      | Required Adequate Public Facility | No             |
| Administering Agency | County Executive (AAGE03) | Relocation Impact                 | None           |
| Planning Area        | Silver Spring             | Status                            | Planning Stage |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |            |          |          |            |            |          |          |          |          |          |
|----------------------------------|------------|----------|----------|------------|------------|----------|----------|----------|----------|----------|
| Planning, Design and Supervision | 300        | 0        | 0        | 300        | 300        | 0        | 0        | 0        | 0        | 0        |
| Land                             | 0          | 0        | 0        | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0          | 0        | 0        | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Construction                     | 0          | 0        | 0        | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Other                            | 0          | 0        | 0        | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b>                     | <b>300</b> | <b>0</b> | <b>0</b> | <b>300</b> | <b>300</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |            |          |          |            |            |          |          |          |          |          |
|--------------------------|------------|----------|----------|------------|------------|----------|----------|----------|----------|----------|
| Current Revenue: General | 300        | 0        | 0        | 300        | 300        | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b>             | <b>300</b> | <b>0</b> | <b>0</b> | <b>300</b> | <b>300</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |     |
|------------------------------------|-------|-----|
| Appropriation Request              | FY 15 | 300 |
| Appropriation Request Est.         | FY 16 | 0   |
| Supplemental Appropriation Request |       | 0   |
| Transfer                           |       | 0   |
| Cumulative Appropriation           |       | 0   |
| Expenditure / Encumbrances         |       | 0   |
| Unencumbered Balance               |       | 0   |

|                          |       |
|--------------------------|-------|
| Date First Appropriation | FY 15 |
| First Cost Estimate      |       |
| Current Scope            | FY 13 |
| Last FY's Cost Estimate  | 300   |

## Description

This project provides for the public improvements necessary to support the redevelopment of the super block bounded by Arliss Street, Flower Avenue, and Piney Branch Road. This block is poorly organized and has an under-developed commercial area that was reviewed by an Urban Land Institute panel which recommended that this block be intersected by new streets and reoriented as a Town Center for the Long Branch community. The development of the Purple Line will influence the development potential of the site. Planning will include new streets, utilities, streetscaping, public amenities, and parking necessary for the redevelopment of this area as a higher density mixed-use Town Center with retail at street level and residential above.

The infrastructure will be planned in partnership with the Mass Transit Administration, property owners and businesses in this super block with input from the surrounding Long Branch community. M-NCPPC will assist by developing land use regulations that will facilitate this redevelopment effort.

## Location

The site bounded by Arliss Street, Flower Avenue, and Piney Branch Road in Silver Spring, Maryland

## Estimated Schedule

Planning, design and supervision for this project is requested for FY15.

## Justification

The Long Branch Community is a very diverse, high density community with a large immigrant population. This community is underserved by the commercial center that is the focus of the community at the intersection of Flower Avenue and Piney Branch. The Long Branch community has been designated as a revitalization area by the County and has been designated as an Enterprise Zone by the State of Maryland. The objective of the redevelopment effort is to provide better services to the community and expand the availability of affordable housing. The effort to create a Town Center for Long Branch must be a public/private partnership to effectively accomplish these goals. This project was recommended by the Long Branch Task Force, The Long Branch Advisory Committee, and is supported by the Silver Spring Citizens Advisory Board. Related studies include: Urban Land Institute (ULI) Washington, "A Technical Assistance Panel Report, the Long Branch Community"; and the Long Branch Task Force 3rd Annual Report, May 2005.

## Other

This project will comply with the standards of the Department of Transportation (DOT), Department of General Services (DGS), Maryland State Highway Administration (MSHA), Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway Officials (AASHTO), and Americans with Disabilities Act (ADA).

## Disclosures

A pedestrian impact analysis will be performed during design or is in progress.

## Coordination

Department of Housing and Community Affairs, DOT, Department of Permitting Services, M-NCPPC, Long Branch Advisory Committee, Maryland Transit Administration (MTA), Maryland State Highway Administration (MSHA), Department of General Services

# Wheaton Redevelopment Program (P150401)

|                      |                           |                                   |                |
|----------------------|---------------------------|-----------------------------------|----------------|
| Category             | General Government        | Date Last Modified                | 1/6/14         |
| Sub Category         | Economic Development      | Required Adequate Public Facility | No             |
| Administering Agency | County Executive (AAGE03) | Relocation Impact                 | None           |
| Planning Area        | Kensington-Wheaton        | Status                            | Planning Stage |

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |              |               |              |              |               |               |          |          |          |
|----------------------------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|----------|----------|----------|
| Planning, Design and Supervision | 13,117        | 4,229        | 1,627        | 7,261         | 3,344        | 1,300        | 1,300         | 1,317         | 0        | 0        | 0        |
| Land                             | 1,010         | 1,010        | 0            | 0             | 0            | 0            | 0             | 0             | 0        | 0        | 0        |
| Site Improvements and Utilities  | 4,546         | 1,346        | 0            | 3,200         | 0            | 3,200        | 0             | 0             | 0        | 0        | 0        |
| Construction                     | 53,183        | 585          | 73           | 52,525        | 0            | 2,000        | 24,000        | 26,525        | 0        | 0        | 0        |
| Other                            | 1,832         | 136          | 175          | 1,521         | 175          | 0            | 0             | 1,346         | 0        | 0        | 0        |
| <b>Total</b>                     | <b>73,688</b> | <b>7,306</b> | <b>1,875</b> | <b>64,507</b> | <b>3,519</b> | <b>6,500</b> | <b>25,300</b> | <b>29,188</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |               |              |              |               |              |              |               |               |          |          |          |
|--------------------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|----------|----------|----------|
| Contributions            | 862           | 0            | 0            | 862           | 0            | 862          | 0             | 0             | 0        | 0        | 0        |
| Current Revenue: General | 1,300         | 650          | 325          | 325           | 325          | 0            | 0             | 0             | 0        | 0        | 0        |
| Federal Aid              | 418           | 417          | 1            | 0             | 0            | 0            | 0             | 0             | 0        | 0        | 0        |
| G.O. Bonds               | 64,518        | 0            | 1,373        | 63,145        | 3,019        | 5,638        | 25,300        | 29,188        | 0        | 0        | 0        |
| PAYGO                    | 5,740         | 5,739        | 1            | 0             | 0            | 0            | 0             | 0             | 0        | 0        | 0        |
| State Aid                | 850           | 500          | 175          | 175           | 175          | 0            | 0             | 0             | 0        | 0        | 0        |
| <b>Total</b>             | <b>73,688</b> | <b>7,306</b> | <b>1,875</b> | <b>64,507</b> | <b>3,519</b> | <b>6,500</b> | <b>25,300</b> | <b>29,188</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 2,445  |
| Appropriation Request Est.         | FY 16 | 6,500  |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 10,255 |
| Expenditure / Encumbrances         |       | 7,364  |
| Unencumbered Balance               |       | 2,891  |

|                          |        |
|--------------------------|--------|
| Date First Appropriation | FY 04  |
| First Cost Estimate      |        |
| Current Scope            | FY 15  |
| Last FY's Cost Estimate  | 73,338 |

### Description

This PDF was developed to allow for the solicitation of proposals for public and private development on Lot 13, the site of the existing Mid-County Regional Services Center, and Lot 34. The project scope provides for the planning, design, and for construction of an office building and a town square at Parking Lot 13. The County has selected a developer for this project and is entering into negotiations which will ultimately result in transfer of control of 8787 Georgia Avenue to the County upon delivery. This spring, the PDF will be updated to reflect the outcome of the negotiations with the selected developer and community input.

Proposals were to include private residential and/or commercial development, a new headquarters for M-NCPPC (up to 132,000 square feet) that reflects its status as an independent agency, offices for the Mid-County Regional Services Center (up to 10,000 square feet), a town square (that is at least one-third the size of Lot 13) and to provide parking in accordance with the Parking Lot District standards. In addition, proposers were asked to provide an option for additional development to include County Government Departments (DPS and DEP) and financing options that could minimize the upfront CIP costs. M-NCPPC will own the office building. The County may consider alternative financing and ownership options for its portion of the development.

This PDF also includes \$650,000 for the County's facility planning and for consulting services to provide 1) a comprehensive parking study to identify potential redevelopment disruptions to parking supply and demand, the related impact to existing businesses, and potential solutions or mitigation; 2) planning studies that review potential models and approaches to creating local jobs and job training opportunities prior to or during redevelopment, including relevant case examples in Montgomery County as well as innovative models from other local and national jurisdictions; and 3) a business assessment study to determine the number of businesses and the magnitude of this impact. The business assessment study is needed to support Council Bill 6-12 for the establishment of service provisions and technical assistance to those small businesses adversely impacted by a County redevelopment project. Any future study of the feasibility of developing the WMATA bus bay will be coordinated with WMATA as it develops plans to redevelop its Wheaton properties.

### Location

Montgomery County Public Parking Lot 13, between Grandview Avenue and Triangle Lane, Wheaton, Maryland.

### Estimated Schedule

The negotiations between the County and the developer are expected to be completed in early 2014. Planning and engineering will commence in FY14. Construction of the private sector development is anticipated to begin in spring 2017 with the County's construction of the town square planned to follow in spring 2018.

### Cost Change

## Wheaton Redevelopment Program (P150401)

Costs reflect an approved FY14 supplemental appropriation of State aid for a pilot solar-powered trash compactor program (\$125,000) and façade improvements (\$225,000). Unknown factors that may also affect the final project cost and schedule include: the ultimate scale and integration of the public-private partnership, the coordinated concept design for the town square among all stakeholders, the utilization of existing parking facilities in Wheaton CBD, and the successful land transfer of 8787 Georgia Avenue between M-NCPPC and the County Government. Funding schedule and sources may change subject to public-private agreements.

### Justification

The Wheaton Redevelopment Program was established in 2000 with the goal of encouraging private reinvestment through targeted, complementary public investment. The complementary public investment that Wheaton most needs is investment in creating a centrally located public space and a daytime population that together will contribute to an 18-hour economy in downtown Wheaton. It is expected that this public investment will leverage private investment, some of which is already occurring in Wheaton.

Plans & Studies: Wheaton CBD and Vicinity Sector Plan (2011), State of Maryland designation as a Smart Growth and TOD site (2010), Urban Land Institute Technical Assistance Panel (2009). The International Downtown Association Advisory report (2008); Wheaton's Public Safety Audit (2004); The Wheaton Redevelopment Advisory Committee visioning process for the Wheaton core; National Mainstreet Center Planning Study (2000); WRAC activities since established in 2000.

### Fiscal Note

- \$418,000 federal grant, funded through the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), was received in FY09.
- A developer contribution of \$861,940 from M-NCPPC Public Use Space and Amenity Fund. November 5, 2010 Planning Board Resolution, 10-149, Site Plan 820110010.
- Total project cost includes \$8,930,000 for Streetscape and Façade work funded through FY12.
- \$350,000 state aid in FY14 and FY15 to support facade improvements and a pilot solar-powered trash compactor program.

### Disclosures

A pedestrian impact analysis has been completed for this project.

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

### Coordination

WMATA, Office of the County Attorney, M-NCPPC, Westfield Mall, Community Associations and Residents, Department of General Services, Department of Transportation, Private developers, Department of Housing and Community Affairs, Mid-County Regional Services Center, State of Maryland.

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# Other General Government

## **ADVANCE LAND ACQUISITION REVOLVING FUND**

The Advance Land Acquisition Revolving Fund (ALARF) was established to support the implementation of capital project and facility programs in the county. Acquisition of land in advance of actual construction saves money in the face of rising land prices and enables suitable locations for facilities to be secured before development eliminates choice and forces acceptance of a less accessible or desirable site. ALARF-MCG is used to purchase land for various public facilities which are either approved in the capital program or which appear in adopted area master plans.

## **DEPARTMENT OF GENERAL SERVICES – FLEET MANAGEMENT SERVICES**

The mission of the Department of General Services – Fleet Management Services (Motor Pool Internal Service Fund) is to plan for, acquire, maintain, and dispose of the County’s fleet of motor vehicles, buses, heavy equipment, and other vehicular equipment in support of the transportation and service delivery needs of all County departments.

### **HIGHLIGHTS**

- Begins County-wide enterprise fuel management program with the Fire and Rescue Service.

### **CAPITAL PROGRAM REVIEW**

The Recommended FY11-16 Capital Improvements Program (CIP) for the Department of General Services – Fleet Management Services contains one new project, Fuel Management totaling \$2.5 million, funded with Short-Term Financing.

### **PROGRAM CONTACTS**

Contact Anita Aryeetey of the Office of Management and Budget at 240.777.2784 for more information regarding this department’s capital budget.

# ALARF: MCG (P316222)

Category General Government  
 Sub Category Other General Government  
 Administering Agency Management and Budget (AAGE14)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |              |              |               |              |              |              |              |              |          |
|----------------------------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|----------|
| Planning, Design and Supervision | 1             | 1            | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0        |
| Land                             | 36,531        | 5,726        | 6,805        | 24,000        | 4,000        | 4,000        | 4,000        | 4,000        | 4,000        | 0        |
| Site Improvements and Utilities  | 0             | 0            | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0        |
| Construction                     | 0             | 0            | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0        |
| Other                            | 0             | 0            | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0        |
| <b>Total</b>                     | <b>36,532</b> | <b>5,727</b> | <b>6,805</b> | <b>24,000</b> | <b>4,000</b> | <b>4,000</b> | <b>4,000</b> | <b>4,000</b> | <b>4,000</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                             |               |              |              |               |              |              |              |              |              |          |
|-----------------------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|----------|
| Revolving Fund - G.O. Bonds | 36,532        | 5,727        | 6,805        | 24,000        | 4,000        | 4,000        | 4,000        | 4,000        | 4,000        | 0        |
| <b>Total</b>                | <b>36,532</b> | <b>5,727</b> | <b>6,805</b> | <b>24,000</b> | <b>4,000</b> | <b>4,000</b> | <b>4,000</b> | <b>4,000</b> | <b>4,000</b> | <b>0</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 0      |
| Appropriation Request Est.         | FY 16 | 0      |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 12,532 |
| Expenditure / Encumbrances         |       | 5,727  |
| Unencumbered Balance               |       | 6,805  |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 62        |
| First Cost Estimate      |              |
| Current Scope            | FY 15 36,532 |
| Last FY's Cost Estimate  | 36,532       |
| Partial Closeout Thru    | 234          |
| New Partial Closeout     | 0            |
| Total Partial Closeout   | 234          |

## Description

The Advance Land Acquisition Revolving Fund (ALARF) was established to support the implementation of capital project and facility programs in the County. Acquisition of land in advance of actual construction saves money in the face of rising land prices and enables suitable locations for libraries, fire stations, and similar facilities to be secured before development eliminates choice and forces acceptance of a less accessible or desirable site. The revolving fund works in the following way: the unencumbered revolving appropriation balance in the fund is used to purchase land for various public facilities which are either approved in the capital program or which appear in adopted area master plans. Later, the fund is reimbursed by appropriations to the specific facility project accounts; then, the associated expenditures are transferred from the ALARF project to the facility project, thereby freeing up the appropriation for future expenditures. The reimbursement is desirable for accounting purposes in order to make the cost of the site clearly a part of the total cost of a specific project. Reimbursement also maintains the balance in the revolving fund. A number of such reimbursements are scheduled in this capital program. Cost estimates are not given for possible acquisitions since any estimates would be speculative. Immediately prior to initiating acquisition proceedings on any site, independent professional appraisals are prepared. When projected land costs appear to be considerably greater than anticipated, consultation with the County Council is useful. In the event the County Executive proceeds with advance land acquisition in years before those shown on project description forms, consultation with Council would be useful. The cumulative appropriation is the amount of the revolving fund, as well as certain special appropriations to this project as described below. Costs shown for prior years include the land acquisition reimbursable to the fund and other charges incurred in site selection, such as appraisal, legal costs, and other required actions. Also displayed are expenditures associated with special appropriations, not to be reimbursed. The nonreimbursable amounts are considered sunk costs. Expenditures portrayed above in FY15-20 are for fiscal planning purposes only and represent land acquisition not shown on applicable individual CIP project description forms in order to preserve confidentiality of estimates and negotiations with landowners. ALARF acquisitions are typically reimbursed by appropriations from projects with various revenue sources.

## Other

Expenditures to buy land using ALARF appropriations made after October 5, 1998, must be reimbursed to the Fund. If the County does not intend to reimburse the Fund, then the land cannot be purchased from the Fund's appropriation and must be purchased in a separate project. This restriction does not apply to land already purchased. To ensure that the County does not lose the opportunity to acquire sites for future projects, the Council encourages the Executive to acquire more sites and to acquire sites earlier than previously assumed. The Council also urges the County Executive to work with Maryland-National Capital Park and Planning Commission staff to review future facility needs in master plans and department strategic plans to identify sites beyond those for projects in facility planning and the current CIP for acquisition. If more sites are acquired, the existing balance may not be sufficient, and the Council encourages the Executive to recommend a supplemental appropriation if necessary.

## Fiscal Note

Expenditures and resources for Silver Spring ALARF (as part of the Silver Spring Redevelopment Project) previously shown here have been closed out.

## Disclosures

Expenditures will continue indefinitely.

## Coordination

Department of General Services, Other Departments, Office of Management and Budget, Department of Finance

# Old Blair Auditorium Reuse (P361113)

Category General Government  
 Sub Category Other General Government  
 Administering Agency General Services (AAGE29)  
 Planning Area Silver Spring

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Planning Stage

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |          |              |            |          |          |          |          |            |               |
|----------------------------------|---------------|----------|--------------|------------|----------|----------|----------|----------|------------|---------------|
| Planning, Design and Supervision | 1,581         | 0        | 765          | 0          | 0        | 0        | 0        | 0        | 0          | 816           |
| Land                             | 0             | 0        | 0            | 0          | 0        | 0        | 0        | 0        | 0          | 0             |
| Site Improvements and Utilities  | 758           | 0        | 0            | 100        | 0        | 0        | 0        | 0        | 100        | 658           |
| Construction                     | 10,645        | 0        | 435          | 0          | 0        | 0        | 0        | 0        | 0          | 10,210        |
| Other                            | 0             | 0        | 0            | 0          | 0        | 0        | 0        | 0        | 0          | 0             |
| <b>Total</b>                     | <b>12,984</b> | <b>0</b> | <b>1,200</b> | <b>100</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>100</b> | <b>11,684</b> |

## FUNDING SCHEDULE (\$000s)

|               |               |          |              |            |          |          |          |          |            |               |
|---------------|---------------|----------|--------------|------------|----------|----------|----------|----------|------------|---------------|
| Contributions | 600           | 0        | 600          | 0          | 0        | 0        | 0        | 0        | 0          | 0             |
| G.O. Bonds    | 12,384        | 0        | 600          | 100        | 0        | 0        | 0        | 0        | 100        | 11,684        |
| <b>Total</b>  | <b>12,984</b> | <b>0</b> | <b>1,200</b> | <b>100</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>100</b> | <b>11,684</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 0     |
| Appropriation Request Est.         | FY 16 | 0     |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 1,200 |
| Expenditure / Encumbrances         |       | 0     |
| Unencumbered Balance               |       | 1,200 |

|                          |              |
|--------------------------|--------------|
| Date First Appropriation | FY 14        |
| First Cost Estimate      |              |
| Current Scope            | FY 11 12,984 |
| Last FY's Cost Estimate  | 7,636        |

## Description

This project is to renovate the Elizabeth Stickley Auditorium in the former Old Blair High School located at 313 Wayne Avenue, at the corner of Wayne Avenue and Dale Drive in Silver Spring, Maryland. This facility currently houses the Silver Spring International Middle School and the Sligo Creek Elementary School. The project will create an auditorium with seating capacity for approximately 750 and four multi-purpose classrooms. The project will also upgrade all mechanical and theatrical systems in the auditorium as well as meet Americans with Disabilities Act (ADA) and other code requirements. The renovated auditorium space will provide opportunities for multiple uses, including Montgomery County Public Schools (MCPS) use by the schools currently housed in the Old Blair High School facility. Community use will be coordinated through the Community Use of Public Facilities (CUPF) according to the policies of the Interagency Coordinating Board (ICB).

## Estimated Schedule

Site improvements and utilities renovations are scheduled to begin in FY20.

## Cost Change

Costs have increased to reflect the Department of General Services planning, design, and supervision costs as well as adequate contingencies.

## Justification

The construction hard cost estimate is based on the feasibility study Option 3 provided by the MCPS Feasibility Committee presented at the joint Education and Health and Human Services Committee on October 22, 2009. MCPS presented four options to both the Committees to renovate the 15,000-square-foot Old Blair Auditorium. Four options were considered by the MCPS workgroup. The MCPS Feasibility Committee concluded that Options 3 and 4 had similar merit and were preferred to the other alternatives. Option 3 was selected based on seating, inclusion of the ADA elevator, and cost factors.

## Fiscal Note

The Old Blair Auditorium Project, Inc. (a private, non-profit organization) received State bond bill funding of \$600,000 for the renovation of the Old Blair High School auditorium. In FY06-07 the County provided \$190,000 as a partial match for the State funds with \$50,000 in current revenue for the Department of General Services (DGS) to develop a program of requirements and cost estimate for the project, and bond funded expenditure of \$140,000 to pay for part of the construction. These funds were budgeted in the MCG: Cost Sharing project (No. 720601). In FY09, the Council approved \$25,000 in the MCPS: Facility Planning project for MCPS to conduct a feasibility study for the auditorium renovation. MCPS worked with community stakeholders to develop a new program of requirements for the auditorium that reflected multi-purpose school and community use. MCPS will manage the planning and construction of the renovation, working with the County DGS, and will also be responsible for ongoing maintenance and operations of the auditorium. A Memorandum of Understanding between Old Blair Auditorium Project, Inc. MCPS, and DGS will be required specifying project management and fiscal terms. CUPF will reimburse MCPS for operating costs associated with community use. The County G.O. Bonds in FY14 consists of \$140,000 previously programmed G.O. Bonds in the Cost Sharing Project #720601 and \$460,000 of G.O. Bonds previously approved in this project. These funds totaling \$600,000 constitute the County's match of the State bond bill funding to the Old Blair Auditorium Project, Inc. The source of contributions is from Old Blair Auditorium Project, Inc.'s bond bill receipt.

## Disclosures



## Old Blair Auditorium Reuse (P361113)

A pedestrian impact analysis will be performed during design or is in progress.

### **Coordination**

Montgomery County Public Schools (MCPS), Department of General Services (DGS), Community Use of Public Facilities (CUPF), State of Maryland, Old Blair Auditorium Project, Inc.

# Fuel Management (P361112)

Category General Government  
 Sub Category Other General Government  
 Administering Agency General Services (AAGE29)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Planning Stage

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |              |            |              |            |            |          |          |          |          |          |
|----------------------------------|--------------|------------|--------------|------------|------------|----------|----------|----------|----------|----------|
| Planning, Design and Supervision | 102          | 0          | 102          | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Land                             | 0            | 0          | 0            | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Site Improvements and Utilities  | 1,406        | 474        | 932          | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Construction                     | 460          | 0          | 460          | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Other                            | 2,503        | 105        | 1,798        | 600        | 600        | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b>                     | <b>4,471</b> | <b>579</b> | <b>3,292</b> | <b>600</b> | <b>600</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                      |              |            |              |            |            |          |          |          |          |          |
|----------------------|--------------|------------|--------------|------------|------------|----------|----------|----------|----------|----------|
| Short-Term Financing | 4,471        | 579        | 3,292        | 600        | 600        | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b>         | <b>4,471</b> | <b>579</b> | <b>3,292</b> | <b>600</b> | <b>600</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |             |             |             |             |             |             |             |
|-------------------|--|--|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Cost Savings      |  |  |  | -1,164      | -194        | -194        | -194        | -194        | -194        | -194        |
| Maintenance       |  |  |  | 372         | 62          | 62          | 62          | 62          | 62          | 62          |
| Program-Staff     |  |  |  | 132         | 22          | 22          | 22          | 22          | 22          | 22          |
| <b>Net Impact</b> |  |  |  | <b>-660</b> | <b>-110</b> | <b>-110</b> | <b>-110</b> | <b>-110</b> | <b>-110</b> | <b>-110</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |       |
|------------------------------------|-------|-------|
| Appropriation Request              | FY 15 | 0     |
| Appropriation Request Est.         | FY 16 | 0     |
| Supplemental Appropriation Request |       | 0     |
| Transfer                           |       | 0     |
| Cumulative Appropriation           |       | 4,471 |
| Expenditure / Encumbrances         |       | 886   |
| Unencumbered Balance               |       | 3,585 |

|                          |       |       |
|--------------------------|-------|-------|
| Date First Appropriation | FY 11 |       |
| First Cost Estimate      |       |       |
| Current Scope            | FY 14 | 4,471 |
| Last FY's Cost Estimate  |       | 4,471 |

### Description

This is a two-phase project implementing a broad, County-wide enterprise fuel management system. This project provides for a fuel dispensing, tank monitoring, and fuel management system for County and volunteer fire stations in the first phase and the fuel sites operated by the Department of General Services (DGS) in the second phase. After installation of the system, all County vehicles will be capable of sharing fuel infrastructure while maintaining fuel security. Currently both Montgomery County Public Schools and Maryland-National Capital Park and Planning Commission utilize this fuel management technology. Once fully implemented, it is estimated that a fuel management system will create savings due to fuel loss control, more efficient scheduling, identification of potential maintenance problems before the problems occur, and less driver time. In addition, there can be additional cost savings if the fuel is purchased through one vendor once the system is fully implemented.

### Capacity

The system will provide for approximately 3,600 vehicles at 30 sites.

### Estimated Schedule

In FY12 and FY13, the fuel management and tank monitoring system was installed on the majority of the fire station fuel sites and vehicles. In FY14 and FY15, the system will be installed on remaining fire service sites, County fuel sites and vehicles. Project delayed due to access restrictions to volunteer fire station fuel sites.

### Justification

The project will replace an aging fuel management system that is no longer able to reliably extract useful fleet data from newer vehicles due to changes in technology. Additionally, the old system is no longer supported by the manufacturer, and used parts to keep the system operational are difficult to obtain. In April 2004, the Montgomery County Fire and Rescue Service (MCFRS) Apparatus Management Plan was accepted by the County Council and, within that plan, fuel management was identified as a fleet management best practice. A fuel monitoring and distribution system and a fuel tanker are also identified under Section 5 of the MCFRS Master Plan (Apparatus and Equipment and Environmentally-Compatible Facilities and Equipment), adopted by the County Council in October 2005. A MCFRS fleet fueling report was prepared by Mercury Associates, Inc. in October 2008. The Department of Technology Services reviewed the project in September 2009. Finally, while many of the fire-rescue stations have fueling sites, only apparatus assigned to those stations can obtain fuel. After installation of the system, all fire apparatus will be able to fuel at any fire station-based fuel site.

### Other

The expenditures reflect a turnkey project to install fuel dispensing and monitoring equipment at each fuel site and to install fuel rings.

### Coordination

## Fuel Management (P361112)

Department of General Services, Montgomery County Fire and Rescue Service, Department of Technology Services, Local Volunteer Fire and Rescue Departments, Montgomery County Public Schools, Maryland-National Capital Park and Planning Commission, Montgomery College

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# Technology Services

## PROGRAM DESCRIPTION AND OBJECTIVES

The goals of the Department of Technology Services (DTS) are to promote effective use of automated information systems and telecommunications technology throughout the County government and ensure that the County's information systems and telecommunications capabilities are planned, developed, implemented, and maintained efficiently and effectively.

The objectives of the DTS capital improvements program are to connect information systems and telecommunications equipment within County buildings to the County's fiber optic network; and to facilitate the exchange of data about criminals and criminal activity between Montgomery County agencies, the State of Maryland, and the Federal Government.

## HIGHLIGHTS

- Complete the Montgomery County Public Schools and Housing Opportunities Commission sites targeted in the ARRA grant; all MCPS elementary schools will be on FiberNet by the end of the 2014 calendar year at speeds capable of supporting instructional video, telephony, high-speed Internet, and back office applications (12 sites remain to be completed); additionally 19 HOC properties are also scheduled.
- Perform hub site upgrades, add new sites, and construct inter-jurisdictional connections to enable cost-effective future technology partnerships.
- Enable the County a primary competitive advantage over commercial carriers by creating a secure, multi-agency shared network that is flexible and may be configured easily to satisfy agency and department requirements based solely on their ability to justify the expenditure.
- Commission a study of FiberNet with the purpose of determining the network's next generation of technology.
- Support level of effort project changes and build out of the large critical infrastructure asset.
- Provide for the engineering support, infrastructure upgrades, and addition of sites to the critical shared network as County agencies continue to deploy data, voice, and video applications requiring higher bandwidth.

## PROGRAM CONTACTS

Contact Helen Ni of the Department of Technology Services at 240.777.2807 or Dennis Hetman of the Office of Management and Budget at 240.777.2770 for more information regarding this department's capital budget.

## CAPITAL PROGRAM REVIEW

The Recommended FY15-20 Capital Improvements Program totals \$15.9 million over the six-year program. This is a \$3.9 million, or a 19.7 percent decrease from the \$19.8 million contained in the FY13-18 amended program. This decrease is primarily due to a decline in the number of FiberNet sites built with the expiration of the American Recovery and Reinvestment Act (ARRA) grant funding.

# Fibernet (P509651)

Category General Government  
 Sub Category Technology Services  
 Administering Agency Technology Services (AAGE05)  
 Planning Area Countywide

Date Last Modified 12/23/13  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |               |               |              |               |              |              |              |              |              |              |
|----------------------------------|---------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Planning, Design and Supervision | 3,046         | 3,026         | 20           | 0             | 0            | 0            | 0            | 0            | 0            | 0            |
| Land                             | 4             | 4             | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            |
| Site Improvements and Utilities  | 13,041        | 12,691        | 175          | 175           | 175          | 0            | 0            | 0            | 0            | 0            |
| Construction                     | 19,868        | 3,984         | 3,877        | 12,007        | 3,965        | 2,375        | 2,345        | 1,322        | 1,000        | 1,000        |
| Other                            | 25,098        | 21,273        | 100          | 3,725         | 102          | 1,723        | 1,600        | 100          | 100          | 100          |
| <b>Total</b>                     | <b>61,057</b> | <b>40,978</b> | <b>4,172</b> | <b>15,907</b> | <b>4,242</b> | <b>4,098</b> | <b>3,945</b> | <b>1,422</b> | <b>1,100</b> | <b>1,100</b> |

## FUNDING SCHEDULE (\$000s)

|                          |               |               |              |               |              |              |              |              |              |              |
|--------------------------|---------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Cable TV                 | 49,221        | 29,892        | 3,916        | 15,413        | 3,748        | 4,098        | 3,945        | 1,422        | 1,100        | 1,100        |
| Contributions            | 86            | 86            | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            |
| Current Revenue: General | 750           | 0             | 256          | 494           | 494          | 0            | 0            | 0            | 0            | 0            |
| G.O. Bonds               | 4,074         | 4,074         | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            |
| PAYGO                    | 6,926         | 6,926         | 0            | 0             | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Total</b>             | <b>61,057</b> | <b>40,978</b> | <b>4,172</b> | <b>15,907</b> | <b>4,242</b> | <b>4,098</b> | <b>3,945</b> | <b>1,422</b> | <b>1,100</b> | <b>1,100</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |            |            |           |           |           |           |           |
|-------------------|--|--|--|------------|------------|-----------|-----------|-----------|-----------|-----------|
| Maintenance       |  |  |  | 864        | 580        | 27        | 37        | 62        | 70        | 88        |
| <b>Net Impact</b> |  |  |  | <b>864</b> | <b>580</b> | <b>27</b> | <b>37</b> | <b>62</b> | <b>70</b> | <b>88</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 4,242  |
| Appropriation Request Est.         | FY 16 | 4,098  |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 45,150 |
| Expenditure / Encumbrances         |       | 40,978 |
| Unencumbered Balance               |       | 4,172  |

|                          |        |
|--------------------------|--------|
| Date First Appropriation | FY 96  |
| First Cost Estimate      |        |
| Current Scope            | FY 15  |
| Last FY's Cost Estimate  | 58,967 |

## Description

This project provides for the planning, design, and installation of a County wide fiber optic cable-based communication network with the capacity to support voice, public-safety, traffic management, data, Internet access, wireless networking and video transmissions among Montgomery County Government (MCG), Montgomery County Public Schools (MCPS), Montgomery College (MC), Maryland National Capital Park and Planning Commission (M-NCPPC), Housing Opportunities Commission (HOC) and Washington Suburban Sanitary Commission (WSSC) facilities. FiberNet is also the communications backbone for the Public Safety Radio and Public Safety Mobile Data Systems (collectively, Public Safety Communications System PSCS), and future technology implementations. FiberNet has an estimated useful life of at least 20 years. Upgrades and replacements to electronic components in the core and at user sites will be required periodically throughout the service life.

## Capacity

FiberNet II is a state-of-the-art multiservice wide area network (WAN) platform with the capacity to deliver 100 megabit/second, one and ten gigabit per second WAN links to ITPCC participating agencies. These links make possible thousands of Internet sessions, data transfers, voice calls and most importantly critical Montgomery County Government public safety, traffic management and resident facing services.

## Estimated Schedule

At the end of FY13, FiberNet reached 340 locations. Based on the current funding schedule, FiberNet is scheduled to reach 467 locations by the end of FY14; 487 locations by the end of FY15; 507 locations by the end of FY16; and 523 locations by the end of FY17. Today, the Traffic Management network reaches over 200 traffic cameras and 830 traffic signals with plans to add 200 pedestrian safety beacons. By the end of FY17, FiberNet is expected to have a total of more than 1,750 sites on the network serving a wide variety of facilities from pedestrian beacons to major campus networks or building complexes.

## Cost Change

Cost increases will fund a study to determine FiberNet's next generation of technology (\$123,000 in FY16), cover foreseen cost overages in current construction of approximately 60 CIP sites (\$200,000 in FY16, \$170,000 in FY17), and fund level of effort system maintenance FY19 & FY20 (\$1,100,000 each year). These cost increases are partially offset by FY18 cost savings of approximately \$603,000 attributable to having FiberNet reach its nominally terminal network size.

## Justification

## Fibernet (P509651)

FiberNet is a critical infrastructure asset serving every agency in Montgomery County. As of June 30, 2013, 340 sites are on-net and receiving critical services over FiberNet. In FY07, the Department of Technology Services (DTS) completed the re-engineering of FiberNet (now referred to as FiberNet II) to directly support high speed connections. This provides a core network that is technologically more robust and less expensive to operate on a per-site basis than any commercial service or its predecessor FiberNet I. The Interagency Technology Policy Coordination Committee (ITPCC) focus remains to be completing the MCPS and HOC sites targeted in the ARRA grant, performing hubsite upgrades, adding new sites and constructing inter-jurisdictional connections to enable cost-effective future technology partnerships. MCG, MCPS, MC, M-NCPPC, HOC and WSSC require substantially increased communication services and bandwidth in order to deliver services to their clients, students and staff. As locations are connected to FiberNet, the County will be able to provide communications services to those facilities more cost-effectively by using FiberNet than by using leased telecommunications services. Studies include: FiberNet Master Plan; RAM Comm. Mar 1995; FiberNet Eval. Rpt., TRW, Sept 1997; FiberNet Proj. Cost Est., ARINC, Apr 1998; FiberNet Proj. Cost-Benefit Analysis, ARINC, Oct 1998; FiberNet Strategic Plan, PrimeNet, June 2002; FiberNet Strategic Direction, Interagency Telecommunications Advisory Group (ITAG), Nov 2003; and the FiberNet service level agreement, Jan 2005.

### **Other**

DTS is responsible for project management, network operations, and maintenance of electronics, while the Department of Transportation (DOT) is responsible for installation and maintenance of the fiber optic cable. Comcast, at DTS's direction, provides dark fiber used to connect several locations to FiberNet. On-net sites include MCG departments/offices, public safety sites, Montgomery College campuses, MCPS elementary, middle, and high schools plus several administrative facilities, M-NCPPC sites, HOC sites and WSSC sites including the headquarters building in Prince Georges County. The municipalities of Takoma Park, Gaithersburg and Rockville are on FiberNet as well as several cultural centers including the American Film Institute (AFI), the Fillmore, Strathmore, Bethesda Performing Arts, the Convention Center, Olney Theatre, and Black Rock. Currently FiberNet is focused on completing the ARRA Grant-funded sites, which includes the remaining MCPS elementary schools and 21 HOC properties. Funding for these projects is included in the FY15-FY20 CIP. In June 2012, the ITPCC approved a Policy Guideline for Special Allocation of FiberNet Resources. This proposed policy governs special fiber resource allocation decisions for FiberNet for all participating ITPCC agencies. ITPCC has approved a special allocation request by Montgomery College for creation of a College Fiber Network that would permit MC communications traffic to be routed over dedicated optical fibers within FiberNet's physical plant on electronics owned and operated by the College. In December 2012, the County and MC entered into a separate Memorandum of Understanding (MOU) to address the use and expansion of FiberNet by the College. Agency FiberNet MOUs and Service Level Agreements (SLAs) will be updated and revised as needed to reflect the ongoing FiberNet operating network.

### **Fiscal Note**

The ARRA Grant terminated on August 31, 2013. This grant represented a tremendous cost savings to Montgomery County. The County has received the benefit of over \$11.1 million dollars in fiber construction and networking equipment for a matching contribution of \$2.6 million. The matching contribution was funded as part of the FY12 and FY13 FiberNet CIP and was composed of cash and in-kind matches. FiberNet maintenance is supported by a grant contained in the Comcast franchise agreement, one of the County's cable service providers. The original grant amount of \$1.2 million/yr is increased by the CPI each year. In the renewed Comcast franchise, the County expects to receive operating support and franchise fee revenues which can be used to support FiberNet maintenance and operations. Capital support received from the Verizon and RCN franchises can be used to support construction of FiberNet through the FiberNet CIP. In FY14 Current Revenue General funding was shifted from the Information Technology: College (P856509) project to complete FiberNet expansion to College sites in accordance with the terms of the MOU.

### **Coordination**

DTS, Department of Transportation, Advanced Transportation Management System Project, Montgomery County Public Schools, M-NCPPC, MC, HOC, WSSC, Comcast, Public Safety Radio System, Information Technology Policy Coordination Committee (ITPCC), ITPCC CIO Subcommittee, Interagency Technology Advisory Group (ITAG), CIO Howard County, Inter-County Broadband Network Program Office

# Public Safety System Modernization (P340901)

Category  
Sub Category  
Administering Agency  
Planning Area

General Government  
County Offices and Other Improvements  
County Executive (AAGE03)  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

1/6/14  
No  
None  
Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |                |               |               |               |               |              |            |          |          |          |
|----------------------------------|----------------|---------------|---------------|---------------|---------------|--------------|------------|----------|----------|----------|
| Planning, Design and Supervision | 7,239          | 132           | 4,186         | 2,921         | 1,321         | 1,600        | 0          | 0        | 0        | 0        |
| Land                             | 0              | 0             | 0             | 0             | 0             | 0            | 0          | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0              | 0             | 0             | 0             | 0             | 0            | 0          | 0        | 0        | 0        |
| Construction                     | 71,431         | 0             | 48,020        | 23,411        | 18,021        | 4,890        | 500        | 0        | 0        | 0        |
| Other                            | 31,038         | 27,742        | 1,071         | 2,225         | 2,225         | 0            | 0          | 0        | 0        | 0        |
| <b>Total</b>                     | <b>109,708</b> | <b>27,874</b> | <b>53,277</b> | <b>28,557</b> | <b>21,567</b> | <b>6,490</b> | <b>500</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |                |               |               |               |               |              |            |          |          |          |
|--------------------------|----------------|---------------|---------------|---------------|---------------|--------------|------------|----------|----------|----------|
| Current Revenue: General | 6,453          | 0             | 3,532         | 2,921         | 1,321         | 1,600        | 0          | 0        | 0        | 0        |
| Federal Aid              | 4,065          | 2,947         | 1,118         | 0             | 0             | 0            | 0          | 0        | 0        | 0        |
| G.O. Bonds               | 57,409         | 4,027         | 35,971        | 17,411        | 13,021        | 4,390        | 0          | 0        | 0        | 0        |
| Short-Term Financing     | 41,781         | 20,900        | 12,656        | 8,225         | 7,225         | 500          | 500        | 0        | 0        | 0        |
| <b>Total</b>             | <b>109,708</b> | <b>27,874</b> | <b>53,277</b> | <b>28,557</b> | <b>21,567</b> | <b>6,490</b> | <b>500</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                   |  |  |  |              |          |            |              |              |              |              |
|-------------------|--|--|--|--------------|----------|------------|--------------|--------------|--------------|--------------|
| Maintenance       |  |  |  | 905          | 0        | 0          | 125          | 260          | 260          | 260          |
| Program-Staff     |  |  |  | 1,660        | 0        | 450        | 450          | 360          | 200          | 200          |
| Program-Other     |  |  |  | 3,260        | 0        | 0          | 815          | 815          | 815          | 815          |
| <b>Net Impact</b> |  |  |  | <b>5,825</b> | <b>0</b> | <b>450</b> | <b>1,390</b> | <b>1,435</b> | <b>1,275</b> | <b>1,275</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 15 | 8,046  |
| Appropriation Request Est.         | FY 16 | 2,100  |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 96,562 |
| Expenditure / Encumbrances         |       | 28,235 |
| Unencumbered Balance               |       | 68,327 |

|                          |         |
|--------------------------|---------|
| Date First Appropriation | FY 09   |
| First Cost Estimate      |         |
| Current Scope            | FY 15   |
| Last FY's Cost Estimate  | 108,083 |

## Description

This program will provide for phased upgrades and modernization of computer aided dispatch (CAD), law enforcement records management system (LE RMS), and voice radio systems used primarily by the County's public safety first responder agencies including Police, Fire and Rescue, Sheriff, Corrections and Rehabilitation, and Emergency Management and Homeland Security. The modernization will include replacement of the current CAD/LE RMS system, replacement of public safety mobile and portable radios, upgrade of non-public safety mobile and portable radios, and replacement of core voice radio communications infrastructure. The previously approved Fire Station Alerting System Upgrades project (CIP #451000) was transferred to this project in order to coordinate the upgrades with the new CAD system. The alerting system upgrades will modernize the fire station alerting systems at 43 existing work sites, maintaining the ability to notify fire and rescue stations of emergencies. The alerting system, including audible and data signals, is essential for the notification of an emergency and the dispatch of appropriate response units from the County. As voice, data, and video are beginning to converge to a single platform, this project will provide a pathway to a modern public safety support infrastructure that will enable the County to leverage technology advances and provide efficient and reliable systems for first responders. This project will follow the methodologies and strategies presented in the Public Safety Systems Modernization (PSSM) plan completed in July 2009.

## Cost Change

Cost increase of \$1.4 million in FY16 to reflect continued staff charges resulting from delays in program implementation. Cost increase of \$225,000 in FY15 to reflect reimbursement for the purchase of 61 Mobile Data Computers (MDCs) for the Maryland-National Capital Park and Planning Commission Park Police.

## Justification

## Public Safety System Modernization (P340901)

The public safety systems require modernization. The CAD system is reaching the end of useful life and does not meet the County's current operational requirements, impacting the response time of first responders to 9-1-1 calls. The CAD Roadmap Study, completed in March 2009, recommended replacement of the system to address existing shortcomings and prepare for the next generation 9-1-1 systems. The manufacturer's support for the voice radio system has begun to be phased out as of December 31, 2009. Beyond that date, the manufacturer will only continue to provide system support on an as available basis, but will not guarantee the availability of parts or technical resources. The CAD modernization has initiated a detailed planning phase that included the use of industry experts to assist with business process analysis and to develop detailed business and technical requirements for the new CAD system. This process will allow the County to incorporate lessons learned and best practices from other jurisdictions. As more of the County's regional partners migrate to newer voice technologies, it will affect interoperable voice communications. To ensure that the County maintains reliable and effective public safety (voice radio) communications for the operations of its first responders and to sustain communications interoperability for seamless mutual aid among its regional partners, the County needs to implement a project to upgrade and modernize its portable and mobile radio units and subsequently the radio voice communications infrastructure. Acceleration of the public safety radio purchases was initiated to take advantage of a Partial Payment in Lieu of Re-Banding offer from Sprint/Nextel toward the financing of new, upgraded, P-25 compliant public safety radios and to meet the Federal Communications Commission (FCC) mandated 800 MHz frequency rebanding requirements for nationwide public safety radio frequency interoperability. Now, the installation of the new core radio communication infrastructure is needed. The fire station alerting system upgrades were identified as a need under Section 5 of the MCFRS Master Plan (adopted by the County Council in October 2005) and detailed in the Station Alerting and Public Address (SA/PA) System for Fire/Rescue Stations, Rev 1, 2006. This project allows for the continuous and seamless functioning of the alerting systems within each fire station. A preliminary survey by DTS of existing conditions at all stations revealed system-wide concerns, including inadequate spare parts inventory and lack of available maintenance support for alerting systems.

### **Other**

\$20.936 million was appropriated in FY11 to purchase P-25 compliant radios that allowed the County to complete immediate re-banding within the 800 MHz frequency as required by the FCC. The radio replacement program includes the M-NCPPC Montgomery County Park Police. The future purchase of public safety radios (other than to replace broken equipment) must be able to be supported by a P25 Phase-2 compliant infrastructure. The use of State of Maryland infrastructure will be aggressively pursued in order to minimize costs to Montgomery County. The CAD procurement request will reflect the County's interest in maintaining the station alerting functionality at the current level or better through the CAD system. The RFP for CAD replacement will include replacement of the following systems: CAD, mapping, and the existing Law Enforcement Records Management and Field Reporting systems. Coordination with participating department/agencies and regional partners will continue throughout the project.

### **Fiscal Note**

Funding in FY09 included Urban Area Security Initiative (UASI) grant funding of \$2.055 million and Fire Act grant funding of \$988,000. Funds shall not be used to purchase or implement a new Computer-Aided Dispatch (CAD) system or radio infrastructure until the County Executive provides the County Council with a detailed proposal and accurate cost estimates for the total project scope.

### **Coordination**

PSSM Executive Steering Group, Executive Program Directors, Department of Technology Services, Department of Police, Montgomery County Fire and Rescue Service, Sheriff's Office, Department of Correction and Rehabilitation, Office of Emergency Management and Homeland Security, Department of Transportation, Department of Liquor Control, Montgomery County Public Schools (MCPS), Maryland-National Park and Planning Commission (M-NCPPC) Park Police, Washington Metropolitan Area Transit Authority (WMATA)



# Technology Modernization -- MCG (P150701)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency County Executive (AAGE03)  
 Planning Area Countywide

Date Last Modified 1/6/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Ongoing

| Total | Thru<br>FY13 | Est FY14 | Total<br>6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6<br>Yrs |
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|
|-------|--------------|----------|------------------|-------|-------|-------|-------|-------|-------|-----------------|

## EXPENDITURE SCHEDULE (\$000s)

|                                  |                |               |               |              |              |            |          |          |          |          |
|----------------------------------|----------------|---------------|---------------|--------------|--------------|------------|----------|----------|----------|----------|
| Planning, Design and Supervision | 113,565        | 87,585        | 16,863        | 9,117        | 8,667        | 450        | 0        | 0        | 0        | 0        |
| Land                             | 0              | 0             | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Site Improvements and Utilities  | 0              | 0             | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Construction                     | 0              | 0             | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Other                            | 56             | 0             | 56            | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| <b>Total</b>                     | <b>113,621</b> | <b>87,585</b> | <b>16,919</b> | <b>9,117</b> | <b>8,667</b> | <b>450</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## FUNDING SCHEDULE (\$000s)

|                          |                |               |               |              |              |            |          |          |          |          |
|--------------------------|----------------|---------------|---------------|--------------|--------------|------------|----------|----------|----------|----------|
| Current Revenue: General | 62,517         | 49,462        | 6,420         | 6,635        | 6,635        | 0          | 0        | 0        | 0        | 0        |
| Federal Aid              | 1,059          | 0             | 741           | 318          | 264          | 54         | 0        | 0        | 0        | 0        |
| Land Sale                | 2,634          | 2,634         | 0             | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Recordation Tax Premium  | 2,623          | 0             | 2,623         | 0            | 0            | 0          | 0        | 0        | 0        | 0        |
| Short-Term Financing     | 44,788         | 35,489        | 7,135         | 2,164        | 1,768        | 396        | 0        | 0        | 0        | 0        |
| <b>Total</b>             | <b>113,621</b> | <b>87,585</b> | <b>16,919</b> | <b>9,117</b> | <b>8,667</b> | <b>450</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

## OPERATING BUDGET IMPACT (\$000s)

|                           |  |  |  |               |              |              |              |              |              |              |
|---------------------------|--|--|--|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Maintenance               |  |  |  | 50,552        | 3,037        | 9,503        | 9,503        | 9,503        | 9,503        | 9,503        |
| Productivity Improvements |  |  |  | -5,574        | -929         | -929         | -929         | -929         | -929         | -929         |
| <b>Net Impact</b>         |  |  |  | <b>44,978</b> | <b>2,108</b> | <b>8,574</b> | <b>8,574</b> | <b>8,574</b> | <b>8,574</b> | <b>8,574</b> |

## APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |         |
|------------------------------------|-------|---------|
| Appropriation Request              | FY 15 | 8,667   |
| Appropriation Request Est.         | FY 16 | 450     |
| Supplemental Appropriation Request |       | 0       |
| Transfer                           |       | 0       |
| Cumulative Appropriation           |       | 104,504 |
| Expenditure / Encumbrances         |       | 87,585  |
| Unencumbered Balance               |       | 16,919  |

|                          |               |
|--------------------------|---------------|
| Date First Appropriation | FY 07         |
| First Cost Estimate      |               |
| Current Scope            | FY 13 113,621 |
| Last FY's Cost Estimate  | 113,621       |

## Description

This project provides for the replacement, upgrade, and implementation of IT initiatives that will ensure ongoing viability of key processes, replace outdated and vulnerable systems, and produce a high return in terms of customer service and accountability to our residents. Major new IT systems that have been completed through this project include the Enterprise Resource Planning (ERP) Financial and Human Resources modules, foundation phase of the 311/Constituent Relationship Management (CRM), Electronic Time reporting (MCTime), and related Business Process Review (BPR). Planning activities for the Department of Health and Human Services (HHS) technology modernization of key systems and processes are underway. The Budgeting module of the ERP system (Hyperion) and additional self-service functionality is currently underway and the workforce component of the Hyperion System has been completed. The ERP project was implemented to modernize Core Business Systems to improve the efficiency, effectiveness, and responsiveness of the County Government. The ERP project provided needed upgrades to the County's financial, procurement, human resource, payroll, and budgeting systems and streamlined existing business processes. Additional BPR is needed to continue the alignment of County business processes with the new system and related enterprise impacts and to maximize the return on the County's IT investment. The 311/CRM system combines advanced telephony, internet, and computer technology with constituent-focused business processes. Residents are now able to call one number to access County government services. The 311/CRM system includes built-in tracking and accountability features to assure that every call receives a timely response. In addition, the 311/CRM system produces information on County efficiency and effectiveness in responding to requests for information and service requests. This information is used by the Chief Administrative Officer, CountyStat, and operating departments to track and improve performance and customer service. Completion of Phase I of the current MC311 (CRM) included developing an automated service request processing system for the County's Department of Transportation including converting the systems currently used for leaf pick-up, snow removal, tree issues, and street light outages. Phase II of the project will include modernization of the County's Tax Assessment Billing System. This system is used to annually calculate and bill County residents for County and municipal property taxes, solid waste fees, water quality fees, WSSC fees, and other fees, taxes, and related credits. The HHS technology modernization involves the product identification and modification and implementation of an enterprise Health and Human Services system that includes the following components: intake and eligibility; common client index; document imaging and electronic records; case management and billing capabilities for HHS; a portal for legacy and enterprise systems; and a data warehouse.

## Justification

## Technology Modernization -- MCG (P150701)

According to a 2004 ranking of major existing technology systems based on their current health and relative need for upgrade or replacement, the County's then current core business systems (ADPICS, FAMIS, BPREP, and HRMS) were ranked as Priority #1, which means obsolete or vulnerable critical system in immediate risk of failure. These at-risk systems were replaced with a state of the art ERP system which provides a common database supporting financials, procurement, budget, and HR/payroll, and includes system-wide features for security, workflow, and reporting, and up-to-date technology architecture. Montgomery County seeks to set a national standard for accountability and responsiveness in governance and the delivery of services to its residents and businesses. Tax Assessment Billing System: The current system is over 30 years old, is only internally supported, and is used for the collection of over \$2 billion in revenues annually. Health and Human Services: This technology modernization effort will ensure ongoing viability of key processes, replace outdated and vulnerable systems, create staff operating efficiencies and produce a high return in terms of customer service and accountability to our residents. Related plans and studies include the Information Technology Interagency Funding and Budgeting Committee's report of September 30, 2003, and the Montgomery County Government FY06 IT Budget Overview prepared by Department of Technology Services.

### **Other**

The Technology Modernization - MCG project is intended to serve as an ongoing resource for future IT modernization and related process engineering to the County Government's business systems beyond the currently defined project scope. Future projects may include the following: CRM - Citizen Relationship Management Phase II: This initiative will extend the service to municipalities in the County and other County agencies (e.g. Board of Education, M-NCPPC, Montgomery College). This initiative will proceed based upon interest from these organizations and agreement on funding. Objectives include creation of a Citizen Relationship Management (CRM) program to develop or convert automated capabilities for all appropriate County services including: Case Management Events, Management Field Services, Grants Management, Help Desk Solutions, Point of Sales, Resident Issue Tracking System, Work Order Processing System, ERP - Enterprise Resource Planning, Business Intelligence/Data Warehouse Development, Loan Management, Property Tax Billing and Collection, Public Access to Contractor Payments, Upgrade to Oracle E-Business/Kronos/Siebel, and Enhancements to comply with evolving Payment Card Industry (PCI) mandates.

### **Fiscal Note**

Project funding includes short-term financing for integrator services and software costs. The Operating Budget Impact (OBI) estimates providing the above included the costs associated with supporting the Technology Modernization project after implementation, including staff returning to their home departments from the project office to provide on-going support, knowledge transfer, and to serve as "super users", as well as staff and contractors necessary to support the system, maintenance agreements with software vendors, and costs associated with the Sustaining Organization through FY16-18. The establishment of a sustaining organization is needed post-implementation to resolve problems, facilitate communication across business processes because of the system integration, produce reports, and re-engineer business processes. Productivity Improvements achieved through this project include absorbing staffing reductions in the Information Technology, Fiscal, Budget, Administration, Clerical, Human Resource, and Financial Occupational classifications (FY08-12); termination of maintenance agreements for legacy systems; termination of the keypunching contract for the manual timesheet process; and other related savings. Total estimated savings related to this project through FY12 are estimated at over \$36 million including the reduction of over 320 full time equivalent positions in the County Government. For FY14, funding schedule reflects a \$2,623,000 increase in Recordation Tax Premium and an offsetting decrease in General Fund Current Revenues.

### **Coordination**

MCG efforts are coordinated with applicable agencies during the project planning, requirements gathering, and requests for proposal (RFP) phases: Offices of the County Executive, Office of the County Council, Department of Finance, Department of Technology Services, Office of Procurement, Office of Human Resources, Office of Management and Budget, Department of Health and Human Services, all MCG Departments and Offices, Maryland Department of Human Resources, Maryland Department of Health and Mental Hygiene