

# Life Safety Systems: MCG -- No. 509970

Category  
Subcategory  
Administering Agency  
Planning Area

General Government  
County Offices and Other Improvements  
General Services  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

January 07, 2012  
No  
None.  
On-going

### EXPENDITURE SCHEDULE (\$000)

| Cost Element                      | Total        | Thru FY11    | Est. FY12  | Total 6 Years | FY13       | FY14       | FY15       | FY16       | FY17       | FY18       | Beyond 6 Years |
|-----------------------------------|--------------|--------------|------------|---------------|------------|------------|------------|------------|------------|------------|----------------|
| Planning, Design, and Supervision | 1,383        | 907          | 0          | 476           | 98         | 98         | 70         | 70         | 70         | 70         | 0              |
| Land                              | 0            | 0            | 0          | 0             | 0          | 0          | 0          | 0          | 0          | 0          | 0              |
| Site Improvements and Utilities   | 172          | 172          | 0          | 0             | 0          | 0          | 0          | 0          | 0          | 0          | 0              |
| Construction                      | 5,785        | 1,465        | 546        | 3,774         | 777        | 777        | 555        | 555        | 555        | 555        | 0              |
| Other                             | 598          | 597          | 1          | 0             | 0          | 0          | 0          | 0          | 0          | 0          | 0              |
| <b>Total</b>                      | <b>7,938</b> | <b>3,141</b> | <b>547</b> | <b>4,250</b>  | <b>875</b> | <b>875</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>*</b>       |

### FUNDING SCHEDULE (\$000)

|              |              |              |            |              |            |            |            |            |            |            |            |          |
|--------------|--------------|--------------|------------|--------------|------------|------------|------------|------------|------------|------------|------------|----------|
| G.O. Bonds   | 7,938        | 3,141        | 547        | 4,250        | 875        | 875        | 625        | 625        | 625        | 625        | 625        | 0        |
| <b>Total</b> | <b>7,938</b> | <b>3,141</b> | <b>547</b> | <b>4,250</b> | <b>875</b> | <b>875</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>625</b> | <b>0</b> |

### OPERATING BUDGET IMPACT (\$000)

|                   |  |  |  |             |            |            |            |            |            |            |            |
|-------------------|--|--|--|-------------|------------|------------|------------|------------|------------|------------|------------|
| Maintenance       |  |  |  | -165        | -15        | -30        | -30        | -30        | -30        | -30        | -30        |
| <b>Net Impact</b> |  |  |  | <b>-165</b> | <b>-15</b> | <b>-30</b> | <b>-30</b> | <b>-30</b> | <b>-30</b> | <b>-30</b> | <b>-30</b> |

#### 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, and smoke control systems.

#### COST CHANGE

Increase is due to additional funding in FY13 & FY14 for life safety systems at the Poolesville and Damascus Depots and the addition of FY17 & FY18 to this ongoing project.

#### JUSTIFICATION

Numerous existing facilities are in need of modern, basic life safety systems. In many older facilities, there are no fire alarms or sprinklers. 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 codes 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 March 2010 "Report of the Infrastructure Maintenance Task Force," identified an annual level of effort for life safety systems based on a 25-year lifespan.

#### OTHER

Scheduled replacements:

FY13: Poolesville Depot, Brookville Ride-On Depot - Building H, Chevy Chase Library, Bethesda Police Station, Little Falls Library, Clara Barton Community Center, Colesville Health Center, 1301 Seven Locks Road

FY14: Damascus Depot, Recreation Headquarters, Bethesda Depot, Potomac Library, One Lawrence Court, Davis Library, Holiday Park Senior Center

#### OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.
- \* Expenditures will continue indefinitely.

#### APPROPRIATION AND EXPENDITURE DATA

|                                    |      |         |
|------------------------------------|------|---------|
| Date First Appropriation           | FY99 | (\$000) |
| First Cost Estimate                | FY13 | 7,938   |
| Last FY's Cost Estimate            |      | 6,188   |
| Appropriation Request              | FY13 | 875     |
| Appropriation Request Est.         | FY14 | 875     |
| Supplemental Appropriation Request |      | 0       |
| Transfer                           |      | 0       |
| Cumulative Appropriation           |      | 3,888   |
| Expenditures / Encumbrances        |      | 3,141   |
| Unencumbered Balance               |      | 547     |
| Partial Closeout Thru              | FY10 | 0       |
| New Partial Closeout               | FY11 | 0       |
| Total Partial Closeout             |      | 0       |

#### COORDINATION

Departments affected by Life Safety Systems projects  
Department of General Services

#### MAP

