

Life Safety Systems: MCG -- No. 509970

Category **General Government**
 Agency **Public Works & Transportation**
 Planning Area **Countywide**
 Relocation Impact **None**

Date Last Modified
 Required Adequate Public Facility

January 6, 2006
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	661	234	7	420	70	70	70	70	70	70	0
Land											
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,190	492	418	2,280	380	380	380	380	380	380	0
Other	217	217	0	0	0	0	0	0	0	0	0
Total	4,068	943	425	2,700	450	450	450	450	450	450	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	4,068	943	425	2,700	450	450	450	450	450	450	0
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ANNUAL OPERATING BUDGET IMPACT (\$000)

Maintenance				-63	-3	-6	-9	-12	-15	-18	0
Net Impact				-63	-3	-6	-9	-12	-15	-18	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, and smoke control systems.

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 Most of the facilities do not meet codes and have outdated fire alarm systems for which spare parts are no longer available and which can no longer be kept in reliable operation.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 The outdated systems need to be replaced and upgraded to provide improved protection to County employees and County properties.

Plans and Studies

A facility condition assessment of 24 County facilities completed by a consultant in FY05 has been used to structure and prioritize the six-year program. The March 2005, "report of the infrastructure maintenance task force," identified an annual level of effort for life safety systems based on a 25-year lifespan.

Cost Change

Increase due to the expansion of this program to maintain a 25-year lifecycle.

STATUS

Ongoing

Scheduled replacements:

FY07 Executive Office Building and Judicial Center Garage Fire Sprinkler Systems

FY08 Pre-Release Center Fire Alarm System

OTHER

*Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY99	(\$000)
Initial Cost Estimate		1,350
First Cost Estimate		
Current Scope	FY07	4,068
Last FY's Cost Estimate		1,368
Present Cost Estimate		4,068
Appropriation Request	FY07	450
Appropriation Request Est.	FY08	450
Supplemental		
Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		1,368
Expenditures/		
Encumbrances		984
Unencumbered Balance		384
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Departments affected by Life Safety Systems projects
 HVAC Electrical Replacement: Montgomery County Government

MAP

