

Planned Lifecycle Asset Replacement: College -- No. 926659

Category **Montgomery College**
 Subcategory **Higher Education**
 Administering Agency **Montgomery College**
 Planning Area **Countywide**

Date Last Modified **May 02, 2012**
 Required Adequate Public Facility **No**
 Relocation Impact **None.**
 Status **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	4,526	1,672	454	2,400	400	400	400	400	400	400	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	50,422	19,440	9,382	21,600	3,600	3,600	3,600	3,600	3,600	3,600	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	54,948	21,112	9,836	24,000	4,000	4,000	4,000	4,000	4,000	4,000	*

FUNDING SCHEDULE (\$000)

Current Revenue: General	1,940	1,940	0	0	0	0	0	0	0	0	0
G.O. Bonds	53,008	19,172	9,836	24,000	4,000	4,000	4,000	4,000	4,000	4,000	0
Total	54,948	21,112	9,836	24,000	4,000	4,000	4,000	4,000	4,000	4,000	0

DESCRIPTION

This project provides funding for a comprehensive lifecycle renewal and replacement program to protect the investment in College facilities and equipment and to meet current safety and environmental requirements. Funding also provides for project management staff and/or services. This collegewide project is targeted at deteriorating facilities and deferred maintenance of major building systems. This project includes: (1) HVAC system renovation/replacement; (2) major mechanical/plumbing equipment renovation/replacement; (3) interior and exterior lighting system renovation/replacements; (4) electrical service/switchgear renovation/replacement; (5) building structural and exterior envelope refurbishment; (6) asbestos removals not tied to building renovations; (7) major carpet replacement; (8) underground petroleum tank upgrades; and (9) site utility, and site infrastructure replacement/ improvements. Note: The Life Safety Systems project, (CIP No. 046601), has been merged into this project. This project also provides design and construction funding for the correction of life safety and fire code deficiencies identified in the Collegewide Facilities Condition Audit prepared by Vanderweil Facility Advisors (VFA). The scope of this project includes the installation and/or replacement of fire alarm systems, fire sprinkler systems, smoke control systems, emergency power systems, emergency lighting systems, public address systems, and similar equipment and operations.

COST CHANGE

Increase due to the addition of FY17-18 to this on-going level of effort project.

JUSTIFICATION

In November 2007, the College updated a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provided the framework for implementing a systematic capital renewal program to complement on-going preventive maintenance efforts. The College continues to have a significant backlog of major building systems and equipment renovations and/or replacements due to the age of the Campuses and deferral of major equipment replacement. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The renovation and/or replacement of major building systems, building components and equipment, and site improvements will significantly extend the useful life of the College's buildings and correct safety and environmental problems. The Collegewide Facilities Condition Assessment Update (11/07) identified a \$67 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, facilities will continue to deteriorate leading to higher cost renovations or building replacements. The Collegewide Facilities Condition Audit identified various life safety concerns on all three campuses. This project allows the College to address the concerns, replacing and/or installing appropriate life safety or fire code measures, and ensuring compliance with applicable life safety, fire, and building codes.

Other relevant plans and studies include the Collegewide Facilities Master Plan Update (9/10), and the County Council Report of the Infrastructure Maintenance Task Force (3/10).

OTHER

The following fund transfers have been made from this project: \$47,685 to Takoma Park Child Care Center (CIP No. 946657) (BOT Resol. #93-106, #94-26 & #94-28); \$185,000 to Rockville Surge Building (CIP No. 966665) (BOT Resol. #11-2291 - 1/21/97); \$7,000 to Planning, Design & Construction (CIP No. 906605) (BOT Resol. #01-153); \$91,175 to the Art Building Renovation Project (CIP No. 906608) (BOT Resol. # 06-09-106 - 9/18/06); and \$250,000 to the Takoma Park Expansion Project (CIP No. 996662) (BOT Resol. #07-01-005 - 1/16/07). The following fund transfers have been made into this project: \$15,000 from Central Plant Distribution System (CIP No. 886676) (BOT Resol. #98-82 - 6/15/98) and \$25,000 from Clean Air Act (CIP No. 956643) (BOT Resol. # 98-82 - 6/15/98). Beginning in FY98, the portion of this project funded by County Current Revenues migrated to the College's Operating Budget. Reflecting the migration of this portion of the project, the College's Operating Budget includes funds for this effort. The following fund transfer has been made from this project: \$67,000 to the Commons Building Renovation Project (CIP No. 056601) (BOT Resolution #10-08-057, 07/31/10).

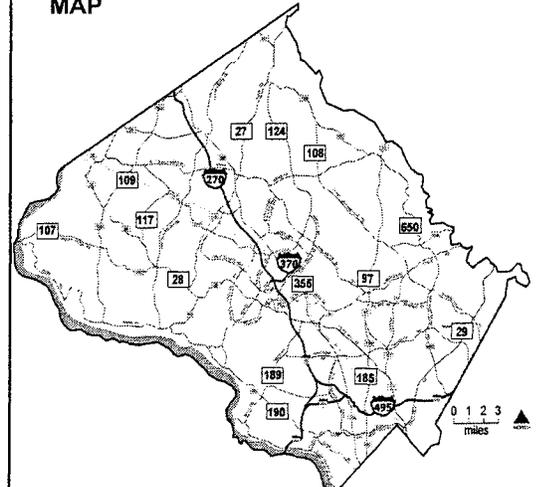
APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY93	(\$000)
First Cost Estimate	FY13	54,948
Current Scope		54,948
Last FY's Cost Estimate		46,948
Appropriation Request	FY13	4,000
Appropriation Request Est.	FY14	4,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		30,948
Expenditures / Encumbrances		21,185
Unencumbered Balance		9,763
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

COORDINATION

This project is coordinated with Utility Master Plans and building renovations on the Rockville, Germantown, and Takoma Park/Silver Spring Campuses; and the following projects:
 Capital Renewal: College (CIP No. 096600)
 Elevator Modernization: College (CIP No. 046600)
 Energy Conservation: College (CIP No. 816611)
 Facility Planning: College (CIP No. 886686)
 Macklin Tower Alterations (CIP No. 036603)
 Roof Replacement: College (CIP No. 876664)

MAP



Planned Lifecycle Asset Replacement: College -- No. 926659 (continued)

FY2013 Appropriation: \$4,000,000 (G.O. Bonds).
FY2014 Appropriation: \$4,000,000 (G.O. Bonds).

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.