

Planned Lifecycle Asset Replacement: College -- No. 926659

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

Date Last Modified December 10, 2007
Required Adequate Public Facility No
Relocation Impact None
Status On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	2,619	952	167	1,500	250	250	250	250	250	250	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	35,942	11,054	2,388	22,500	3,750	3,750	3,750	3,750	3,750	3,750	0
Other	454	454	0	0	0	0	0	0	0	0	0
Total	39,015	12,460	2,555	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	37,075	10,520	2,555	24,000	4,000	4,000	4,000	4,000	4,000	4,000	0
Total	39,015	12,460	2,555	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 replacement/improvements.

***Note: The Life Safety Systems project, 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.

JUSTIFICATION

In November 2006, the College updated a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provides 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 (11/06) identified a \$47.9 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.

Collegewide Facilities Condition Assessment (11/06), Collegewide Facilities Master Plan (1/04) and County Council Report of the Infrastructure Maintenance Task Force (3/05).

OTHER

The following fund transfers have been made from this project: \$47,685 to Takoma Park Child Care Center (#94-6657) (BOT Resol. #93-106, #94-26 & #941-28); \$185,000 to Rockville Surge Building (#96-6665) (BOT Resol. #11-2291 - 1/21/97); \$7,000 to Planning, Design & Construction

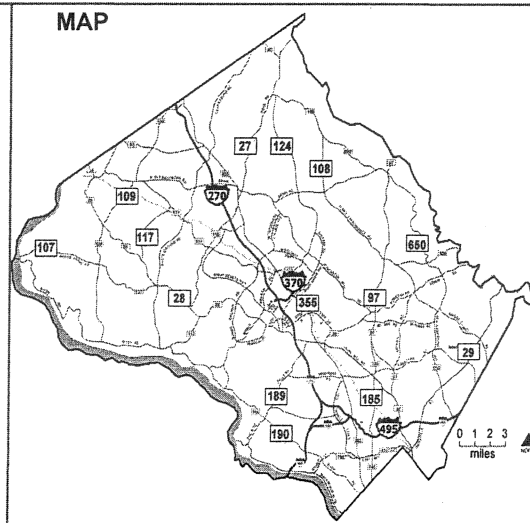
APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY93	(\$000)
First Cost Estimate	FY09	39,015
Current Scope		
Last FY's Cost Estimate		27,106
Appropriation Request	FY09	4,000
Appropriation Request Est.	FY10	4,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		15,015
Expenditures / Encumbrances		13,595
Unencumbered Balance		1,420
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

This project is coordinated with the Rockville, Takoma Park/Silver Spring and Germantown Campus Utility Master Plans, building renovations on the Rockville and Takoma Park/Silver Spring Campuses, and the following projects:
Elevator Modernization: College (CIP#046600)
Energy Conservation: College (CIP#816611)
Facility Planning: College (CIP#886686)
Macklin Tower Alterations (CIP#036603)
Roof Replacement: College (CIP#876664)
TP Central Plant (CIP#016600)
Roof Replacement: College (CIP #876664)

MAP



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

(#90-6605) (BOT Resol. #01-153); \$91,175 to the Art Building Renovation Project (#90-6608) (BOT Resol. # 06-09-106 - 9/18/06); and \$250,000 to the Takoma Park Expansion Project (#99-6662)(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 (#88-6676) (BOT Resol. #98-82 - 6/15/98) and \$25,000 from Clean Air Act (#95-6643) (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.

FY2009 Appropriation: \$4,000,000 (G.O. Bonds).

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.