

Planned Lifecycle Asset Replacement: College -- No. 926659

Category **Montgomery College**
 Agency **Montgomery College**
 Planning Area **Countywide**
 Relocation Impact **None**

Date Last Modified
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 Required Adequate Public Facility

November 17, 2005
20-14 (05 App)
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	1,819	548	171	1,100	150	150	200	200	200	200	0
Land											
Site Improvements and Utilities											
Construction	25,537	7,644	2,493	15,400	1,850	2,350	2,800	2,800	2,800	2,800	0
Other											
Total	27,356	8,192	2,664	16,500	2,000	2,500	3,000	3,000	3,000	3,000	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	25,416	6,252	2,664	16,500	2,000	2,500	3,000	3,000	3,000	3,000	0
Current Revenue:											
General	1,940	1,940	0	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

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.

JUSTIFICATION

In August 2002, the College completed 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 Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair.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 identified a \$57.8 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, College facilities will continue to deteriorate leading to higher cost renovations or building replacements.

Plans and Studies

Collegewide Facilities Condition Assessment (8/02), Collegewide Facilities Master Plan (1/04) and County Council Report of the Infrastructure Maintenance Task Force (3/05).

STATUS

Ongoing.

OTHER

The following fund transfers have been made from this project: \$47,685 to Takoma Park Child Care Center (#946657) (BOT Resol. #93106, #9426 & #94128); \$185,000 to Rockville Surge Building (#966665) (BOT Resol. #11-2291 - 1/21/97); and \$7,000 to Planning, Design & Construction (#906605) (BOT Resol. #01-153). The following fund transfers have been made into this project: \$15,000 from Central Plant Distribution System (#886676) (BOT Resol. #98-82 - 6/15/98) and \$25,000 from Clean Air Act (#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. FY2007 Appropriation: \$2,000,000 (G.O. Bonds). * Project expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY93	(\$000)
Initial Cost Estimate		3,000
First Cost Estimate		
Current Scope	FY03	22,081
Last FY's Cost Estimate		21,356
Present Cost Estimate		27,356
Appropriation Request	FY07	2,000
Appropriation Req. Est.	FY08	2,500
Supplemental		
Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		10,856
Expenditures/		
Encumbrances		8,253
Unencumbered Balance		2,603
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	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)
- Life Safety Improvements: College (CIP#046601)
- Macklin Tower Alterations (CIP#036603)
- Roof Replacement: College (CIP#876664)
- TP Central Plant (CIP#016600)

MAP

