EXECUTIVE RECOMMENDATION

Roof Replacement: College
(P876664)

Category	Montgomery College	Date Last Modified	05/14/18
SubCategory	Higher Education	Administering Agency	Montgomery College
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE ($000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	1,399	1,068	6	325	75	50	50	50	50	50	-
Construction	9,916	5,821	1,170	2,925	675	450	450	450	450	450	-
TOTAL EXPENDITURES	11,315	6,889	1,176	3,250	750	500	500	500	500	500	-

FUNDING SCHEDULE ($000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	8,864	4,438	1,176	3,250	750	500	500	500	500	500	-
Current Revenue: General	1,248	1,248	-	-	-	-	-	-	-	-	-
State Aid	1,203	1,203	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	11,315	6,889	1,176	3,250	750	500	500	500	500	500	-

COMPARISON ($000s)

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years	FY 19 Approp.
Prior Year Approved	9,065	8,065	-	1,000	250	250	250	250	-	-	-	-
Agency Request	11,321	6,895	1,176	3,250	750	500	500	500	500	500	-	750
Recommended	11,315	6,889	1,176	3,250	750	500	500	500	500	500	-	750

CHANGE	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Prior Year Approved	2,256	24.9%	2,250	225.0%	750	-
Recommended vs Prior Year Approved	2,250	24.8%	2,250	225.0%	750	-
Recommended vs Agency Request	(6)	-0.1%	-	-	-	-

RECOMMENDATION

Approve with Technical Modifications. A technical modification was made to the Thru FY17 column.

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EXPENDITURE SCHEDULE ($000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	1,405	1,074	6	325	75	50	50	50	50	50	-
Construction	9,916	5,821	1,170	2,925	675	450	450	450	450	450	-
TOTAL EXPENDITURES	11,321	6,895	1,176	3,250	750	500	500	500	500	500	-

FUNDING SCHEDULE ($000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	8,870	4,444	1,176	3,250	750	500	500	500	500	500	-
Current Revenue: General	1,248	1,248	-	-	-	-	-	-	-	-	-
State Aid	1,203	1,203	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	11,321	6,895	1,176	3,250	750	500	500	500	500	500	-

APPROPRIATION AND EXPENDITURE DATA ($000s)

Appropriation FY 19 Request	750	Year First Appropriation	FY87
Appropriation FY 20 Request	500	Last FY's Cost Estimate	9,065
Cumulative Appropriation	8,065		
Expenditure / Encumbrances	6,940		
Unencumbered Balance	1,125		

PROJECT DESCRIPTION

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in 2008. An update to this survey is underway, and anticipated to be completed in FY18.

COST CHANGE

Increase due to the new roofing survey (pending), and for the FY23, and FY24 level of effort addition.

PROJECT JUSTIFICATION

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides

for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule delineates specific building projects.. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower replacement costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment. Related studies include the Collegewide Roof Surveys Update (pending fall 2017), a Collegewide Facilities Condition Assessment Update (12/13) and the Collegewide Master Plan 2013-2023 (2/16).

OTHER

FY19 Appropriation: $750,000 (G.O. Bonds). FY20 Appropriation: $500,000 (G.O. Bonds). By County Council Resolution #12-663, the cumulative project appropriation was reduced by $65,000 in FY92. In addition, the State share was reduced by $65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O Bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. Bond funded.

DISCLOSURES

Expenditures will continue indefinitely. Montgomery College asserts that this project conforms to the requirement of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

COORDINATION

Energy Conservation (CIP No. P816611), Planned Lifecycle Asset Replacement: College (CIP No. P926659), FY18 -- Collegewide Roof Surveys & Major Repairs, which will also determine next sequence of projects.