

Roof Replacement: College (P876664)

Category Montgomery College
 Sub Category Higher Education
 Administering Agency Montgomery College (AAGE15)
 Planning Area Countywide

Date Last Modified 11/17/14
 Required Adequate Public Facility No
 Relocation Impact None
 Status Ongoing

Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
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EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	1,206	877	197	132	0	0	33	33	33	33	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	7,859	5,461	1,530	868	0	0	217	217	217	217	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	9,065	6,338	1,727	1,000	0	0	250	250	250	250	0

FUNDING SCHEDULE (\$000s)

Current Revenue: General	1,248	1,248	0	0	0	0	0	0	0	0	0
G.O. Bonds	6,614	3,887	1,727	1,000	0	0	250	250	250	250	0
State Aid	1,203	1,203	0	0	0	0	0	0	0	0	0
Total	9,065	6,338	1,727	1,000	0	0	250	250	250	250	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	0
Appropriation Request Est.	FY 18	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,065
Expenditure / Encumbrances		6,432
Unencumbered Balance		1,633

Date First Appropriation	FY 87	
First Cost Estimate		
Current Scope	FY 17	9,065
Last FY's Cost Estimate		9,117

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 will be conducted in 2016.

Cost Change

Increase in FY21, and FY22 for level of effort addition.

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 (2009) delineates specific building projects through FY16. 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 (9/09), a Collegewide Facilities Condition Assessment Update (12/13) and the Collegewide Facilities Master Plan Update (1/15).

Other

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. FY2017 Appropriation: \$0 (G.O. Bonds). FY2018 Appropriation: \$0 (G.O. Bonds).

Disclosures

Expenditures will continue indefinitely.

Montgomery College (A15) asserts that this project conforms to the requirements 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), FY16 -- Collegewide Roof Surveys & Major Repairs, FY17 -- Gudelsky Bldg. (RV)