Bioscience Education Center
(P056603)

Category	Montgomery College	Date Last Modified	09/26/17
SubCategory	Higher Education	Administering Agency	Montgomery College
Planning Area	Germantown and Vicinity	Status	Under Construction

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	8,039	7,959	80	-	-	-	-	-	-	-	-
Construction	74,221	74,161	60	-	-	-	-	-	-	-	-
Other	10,880	9,375	1,305	200	100	100	-	-	-	-	-
TOTAL EXPENDITURES	93,140	91,495	1,445	200	100	100	-	-	-	-	-

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	51,366	50,544	722	100	50	50	-	-	-	-	-
PAYGO	691	691	-	-	-	-	-	-	-	-	-
State Aid	41,083	40,260	723	100	50	50	-	-	-	-	-
TOTAL FUNDING SOURCES	93,140	91,495	1,445	200	100	100	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA ($000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY05
Appropriation FY 20 Request	-	Last FY's Cost Estimate	93,140
Cumulative Appropriation	93,140		
Expenditure / Encumbrances	91,499		
Unencumbered Balance	1,641		

Project Description

This project provides for the design and construction of a new biotechnology and science building (approx. 145,139 gsf) on the Germantown Campus, and for a new Germantown campus access road. This building will support Campus space needs and provide for up-to-date biotechnology and science laboratories in a modern facility that complies with current requirements. This new building is part of an overall plan to provide a Campus instructional focus in support of the biotechnology industry. This project also funds the design and construction of a new access road to provide an additional means of entrance and egress as student enrollment grows, and to better address emergency situations that may necessitate a campus evacuation. The current primary gateway and entrance to the campus is located on MD 118. The Germantown Access Road potentially will change from a two lane road to a four lane road to accommodate the additional traffic generated by the Germantown business park. The Council has approved an alignment for the access road consistent with the alignment referred to as West Alternative 2. In addition, the College is working with the County to develop an adjacent technology business park on the Germantown Campus as part of

the up-County technology corridor. This new building and the biotechnology program is part of an overall strategy to supply a biotechnology workforce for Montgomery County and the State of Maryland. In addition to housing the biology, chemistry and biotechnology programs, this new building will have a meeting center providing the College and outside groups with opportunities to gather in support of scientific education.

Estimated Schedule

Project construction was completed in the fall of 2014

Project Justification

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2022 projected instructional space deficit of 132,252 NASF and a total space deficit anticipated to be 227,390 NASF. In addition, the chemistry and biology classrooms and labs are currently located in outdated facilities; these will be updated under the Germantown Science and Applied Studies Phase 1 Renovation project. The new Bioscience Education building will provide a modern facility for up to date biotechnology instruction along with providing much needed additional space. The Germantown Campus accommodates 7,739 students and 494 full time, and part time faculty and staff (Fall 2012). Related studies include the Collegewide Facilities Master Plan Update (1/13), the Germantown Bioscience Education Center Facility Program (5/04), a Collegewide Facilities Condition Assessment Update (12/13), and the Bioscience Education Center Program Verification Report, (9/07).

Other

Funding Source: G.O. Bonds, Paygo, and State Aid. State share of the project is based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. The following fund transfers have been made to this project: $4,500,000 from the Rockvile Science Center project (No. P036600) (BOT Resol. #12-01-07, 1/30/12); $555,000 from the Health Sciences Expansion project (#P096603), $300,000 from the Rockville Parking Lot and Tennis Court Relocation project (#P096602), and $200,000 from the Energy Conservation project (#P816611)(BOT Resol. #12-06-036, 6/11/12). The following fund transfer has been made from this project: $700,000 to the Planning, Design, and Construction project (#P906605) (BOT Resol. #16-04-051, 4/18/16).

Disclosures

A pedestrian impact analysis has been completed for this project. 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: College (CIP No. P816611), Facility Planning: College (CIP No. P886686), Germantown Observation Drive Reconstruction (CIP No. P096604), Germantown Science and Applied Studies Phase 1 Renovation (CIP No. P136600)