



Germantown Science & Applied Studies Phase 1-Renov

(P136600)

| | | | |
|---------------|-------------------------|----------------------|--------------------|
| Category | Montgomery College | Date Last Modified | 09/08/23 |
| SubCategory | Higher Education | Administering Agency | Montgomery College |
| Planning Area | Germantown and Vicinity | Status | Under Construction |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY23 | Est FY24 | Total 6 Years | FY 25 | FY 26 | FY 27 | FY 28 | FY 29 | FY 30 | Beyond 6 Years |
|----------------------------------|---------------|---------------|------------|---------------|----------|----------|----------|----------|----------|----------|----------------|
| Planning, Design and Supervision | 4,509 | 4,317 | 192 | - | - | - | - | - | - | - | - |
| Construction | 33,482 | 33,481 | 1 | - | - | - | - | - | - | - | - |
| Other | 3,076 | 2,489 | 583 | 4 | 2 | 2 | - | - | - | - | - |
| TOTAL EXPENDITURES | 41,067 | 40,287 | 776 | 4 | 2 | 2 | - | - | - | - | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY23 | Est FY24 | Total 6 Years | FY 25 | FY 26 | FY 27 | FY 28 | FY 29 | FY 30 | Beyond 6 Years |
|------------------------------|---------------|---------------|------------|---------------|----------|----------|----------|----------|----------|----------|----------------|
| G.O. Bonds | 21,144 | 20,754 | 388 | 2 | 1 | 1 | - | - | - | - | - |
| State Aid | 19,923 | 19,533 | 388 | 2 | 1 | 1 | - | - | - | - | - |
| TOTAL FUNDING SOURCES | 41,067 | 40,287 | 776 | 4 | 2 | 2 | - | - | - | - | - |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-----------------------------|--------|--------------------------|--------|
| Appropriation FY 25 Request | - | Year First Appropriation | FY13 |
| Appropriation FY 26 Request | - | Last FY's Cost Estimate | 41,067 |
| Cumulative Appropriation | 41,067 | | |
| Expenditure / Encumbrances | 40,265 | | |
| Unencumbered Balance | 802 | | |

PROJECT DESCRIPTION

This project provides for the realignment/renovation of space in the Science and Applied Studies building (65,015 GSF) on the Germantown Campus in accordance with the College's Facilities Master Plan and the building educational space specifications. The renovated building will house open class labs, classrooms, offices and support space related to the physics, engineering, and mathematics departments. The Science and Applied Studies Renovation will occur in two phases. The first phase involves the renovation of the second floor, and a 29,330 GSF building addition, to support the Physics, Engineering, and Mathematics disciplines. There will be vacant space in a portion of the building when various departments move to the Bioscience Education Center, which makes it necessary to renovate this building to support new disciplines. The current building layout is inappropriate for the Physics, Engineering, and Mathematics departments, which makes it necessary to renovate laboratory spaces, classrooms, and faculty and staff offices. This building also has outdated laboratory equipment, which does not properly support the new functions, and technological changes in teaching methods. Programmatic changes are necessary to prepare this building for these uses. The second phase of this

project will deal with the renovation of the first floor. Overall growth at the Germantown Campus in combination with the transition to lab instruction for mathematics and engineering expansion has created the demand for additional academic space. Renovation for these disciplines co-locates them near the Bioscience Education Center, creating good programmatic synergy on the campus. Renovation of this facility is contingent on completion of the Bioscience Education Center. Based on student interest, enrollment trends, existing and projected County and State workforce needs, and the teaching and learning strategies, including the final report of the Governor's Science Technology Engineering Mathematics Task Force, Investing in STEM to Secure Maryland's Future, the Germantown Campus will be well positioned to meet the needs of its students and the region. Design funding for this project was appropriated in FY13, and construction funding was appropriated in FY16. During FY21, this building was renamed to the Dr. DeRionne P. Pollard Student Affairs and Science Building.

LOCATION

Germantown Campus

ESTIMATED SCHEDULE

Project construction was completed for the fall 2021 semester.

COST CHANGE

Project pending closeout

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 2028 projected instructional space deficit of 69,081 NASF and a total space deficit anticipated to be 149,079 NASF. In addition, this project will position the College to address workforce shortages in the Science, Technology, Engineering, and Mathematics fields. This project will impact local and Maryland workforce shortages through educating students to fill technical jobs. Relevant studies include the Montgomery College 2025 Strategic Plan, Collegewide Facilities Master Plan Update (6/18), the Renovation/Addition to Sciences & Applied Studies Building at Montgomery College Germantown Campus, Part 1, Part 2 (3/11), and the Collegewide Facilities Master Plan Update (6/18).

OTHER

Funding Sources: G.O. Bonds and State Aid. Project expenditures assume that a portion of Information Technology (IT) equipment costs may be funded through the Information Technology (No. P856509) project. The construction costs in the expenditure schedule (\$30,840,000) include: site improvement costs (\$2,390,000), building construction costs (\$28,450,000). The building construction cost per gross square foot equals \$438 (\$28,450,000/65,015). The following fund transfer has been made to this project: \$115,000 from the Computer Science Alterations project (P046602) (BOT Resol.#17-11-121 , 11/13/17). The FY19 budget reallocates \$76,000 (G.O.bonds) from the Computer Science Alterations project (P046602) and adds \$191,000 in State matching funds to cover additional costs associated with unforeseen conditions. (The College's Board of Trustees previously transferred \$115,000 in G.O. Bonds from Computer Science Alterations to this project [BOT Resol.#17-11-121, 11/13/17], making the total shift from Computer Science Alterations \$191,000 in County G.O. Bonds.)

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

Facility Planning: College (No. P886686), Bioscience Education Center (No. P056603), Energy Conservation: College (No. P816611), and PLAR: College (No. P926659)