

# Science East Building Renovation -- No. 076623

Category  
Subcategory  
Administering Agency  
Planning Area

**Montgomery College**  
**Higher Education**  
**Montgomery College**  
**Rockville**

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

**March 19, 2010**  
**No**  
**None.**  
**On-going**

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	2,938	1,815	1,123	0	0	0	0	0	0	0	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	23,678	0	0	23,678	0	9,000	14,678	0	0	0	0
Other	3,602	0	0	3,602	0	0	3,602	0	0	0	0
<b>Total</b>	<b>30,218</b>	<b>1,815</b>	<b>1,123</b>	<b>27,280</b>	<b>0</b>	<b>9,000</b>	<b>18,280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	16,578	1,815	1,123	13,640	0	4,500	9,140	0	0	0	0
State Aid	13,640	0	0	13,640	0	4,500	9,140	0	0	0	0
<b>Total</b>	<b>30,218</b>	<b>1,815</b>	<b>1,123</b>	<b>27,280</b>	<b>0</b>	<b>9,000</b>	<b>18,280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

This project provides for the realignment/renovation of space in the Science East building (53,737 GSF) on the Rockville campus in accordance with the College's Facilities Master Plan (1/04) and the building educational space specifications. The renovated building will house general purpose classrooms, and the mathematics and education departments. The building renovation will include general building improvements, HVAC system replacement and related energy conservation measures, and building access improvements. A building survey in FY89 determined that the building structure is fireproofed with a sprayed on asbestos product and asbestos thermal insulation is used on the mechanical systems. Asbestos removal is determined to be the most appropriate response under Federal and State asbestos guidelines. The removal project will include mechanical system reinsulation and reroofing in conformance with the local fire code.

#### COST CHANGE

The cost of this project has increased due to FY11 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 3.5% in FY2011, and 4% thereafter. These cost escalations have been incorporated into the project.

#### JUSTIFICATION

Science East was constructed in 1965 and the greenhouse addition was constructed in 1970. The building no longer adequately supports the educational programs and support functions housed in it. The College plans to coordinate the renovation of Science East with the construction of the Rockville Science Center. The Biology and Physics departments will relocate to the new Rockville Science Center when it is completed in FY11. The existing mechanical system is inadequate and will be replaced along with the existing lighting to create better illumination levels and greater energy efficiency. The funds requested will also provide for the reassignment, realignment, and renovation of space, including furniture and equipment; energy conservation; and handicapped modification measures.

Collegewide Facilities Condition Assessment (11/07), Collegewide Facilities Master Plan Update (Pending 11/09), Part 1/2 Program - Renovation/Addition to the Science East & Science West Buildings (5/06).

#### OTHER

Funding Source: G.O. Bonds, and State Aid.

FY2011 Appropriation: \$0.

FY2012 Appropriation: \$23,678,000; \$11,839,000 (G.O. Bonds), \$11,839,000 (State Aid).

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

Building renovation planning and design began in FY09 with building asbestos removal and renovation scheduled to begin in FY12.

#### OTHER DISCLOSURES

- Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY11	30,218
Last FY's Cost Estimate		2,938
Appropriation Request	FY11	0
Appropriation Request Est.	FY12	23,678
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		2,938
Expenditures / Encumbrances		1,863
Unencumbered Balance		1,075
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Rockville Science Center (CIP #036600)  
Science West Building Renovation (CIP #976645)

