

# Takoma Park/Silver Spring Math & Science Center -- No. 076607

Category **Montgomery College**  
 Subcategory **Higher Education**  
 Administering Agency **Montgomery College**  
 Planning Area **Takoma Park**

Date Last Modified **May 09, 2012**  
 Required Adequate Public Facility **No**  
 Relocation Impact **None.**  
 Status **Planning Stage**

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	11,804	0	0	4,448	0	0	0	0	0	4,448	7,356
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	59,020	0	0	0	0	0	0	0	0	0	59,020
Other	11,416	0	0	0	0	0	0	0	0	0	11,416
<b>Total</b>	<b>82,240</b>	<b>0</b>	<b>0</b>	<b>4,448</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,448</b>	<b>77,792</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	42,400	0	0	2,224	0	0	0	0	0	2,224	40,176
State Aid	39,840	0	0	2,224	0	0	0	0	0	2,224	37,616
<b>Total</b>	<b>82,240</b>	<b>0</b>	<b>0</b>	<b>4,448</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,448</b>	<b>77,792</b>

**DESCRIPTION**

This project provides funding for the design and construction of a new academic building (134,600 gross square feet) supporting science programs, such as Biology, Chemistry, and the Physical Sciences, and the Mathematics Department, as described in the Takoma Park Campus Facilities Master Plan, 2006-2016 (9/10). The science and math complex will be completed in two phases, beginning with the demolition and replacement of Science South, followed by the demolition and replacement of Science North.

**ESTIMATED SCHEDULE**

The updated implementation schedule features a two year design sequence starting in FY18, with construction expenditures starting Beyond 6 Years.

**COST CHANGE**

Increase due to updated design costs and the programming of construction. The current estimated cost, shown in the Beyond 6 Years column, for construction and other (furniture, fixtures, and equipment) is \$59,020,000 and \$11,416,000, respectively, pending completion of final design.

**JUSTIFICATION**

Under the application of the State space guidelines, the enrollment growth on the Takoma Park/Silver Spring Campus has resulted in a significant instructional space deficit. The Takoma Park/Silver Spring Campus has a Fall 2010 laboratory space deficit of 40,541 NASF and a total space deficit of 16,788 NASF. Even with the completion of the Takoma Park Campus Expansion Project and the Cafritz Foundation Art Center, the 2020 projected laboratory space deficit is 59,609 NASF and the total space deficit is anticipated to be 58,023 NASF. The construction of the Math & Science Center will address this deficit as well as replace Science North and Science South that are in exceedingly poor condition (as identified in the Collegewide Facilities Condition Assessment, 11/07). In addition, the replacement of Science North and Science South allows the campus to capitalize on site capacities with large buildings, given the restricted development opportunities available on the campus.

Relevant studies include the Collegewide Facilities Condition Assessment (11/07), and the Collegewide Facilities Master Plan Update (9/10).

**OTHER**

Funding Sources: G.O. Bonds and State Aid

State share of 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.

**OTHER DISCLOSURES**

- A pedestrian impact analysis has been completed for this project.
- 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	FY	(\$000)
First Cost Estimate	FY13	82,240
Current Scope		
Last FY's Cost Estimate		8,896
Appropriation Request	FY13	0
Appropriation Request Est.	FY14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

**COORDINATION**  
 Facility Planning: College (CIP No. 886686)

