



# Takoma Park/Silver Spring Math and Science Center

(P076607)

Category	Montgomery College	Date Last Modified	01/12/19
SubCategory	Higher Education	Administering Agency	Montgomery College
Planning Area	Silver Spring and Vicinity	Status	Planning Stage

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	10,276	128	1,372	8,776	4,582	4,194	-	-	-	-	-
Construction	71,242	-	-	71,242	-	8,994	28,464	21,302	12,482	-	-
Other	7,124	-	-	7,124	-	-	-	7,124	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>88,642</b>	<b>128</b>	<b>1,372</b>	<b>87,142</b>	<b>4,582</b>	<b>13,188</b>	<b>28,464</b>	<b>28,426</b>	<b>12,482</b>	<b>-</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	44,321	64	686	43,571	2,291	6,594	14,232	14,213	6,241	-	-
State Aid	44,321	64	686	43,571	2,291	6,594	14,232	14,213	6,241	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>88,642</b>	<b>128</b>	<b>1,372</b>	<b>87,142</b>	<b>4,582</b>	<b>13,188</b>	<b>28,464</b>	<b>28,426</b>	<b>12,482</b>	<b>-</b>	<b>-</b>

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 20 Approp. Request	71,242	Year First Appropriation	FY16
Cumulative Appropriation	10,276	Last FY's Cost Estimate	85,628
Expenditure / Encumbrances	9,587		
Unencumbered Balance	689		

## PROJECT 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, computer science and cybersecurity, engineering, geology, physics, and the mathematics department, as described in the Collegewide Facilities Master Plan, 2013-2023 (2/16). The new math and science building will replace the Science South and Falcon Hall buildings, which will be demolished, and the new building will be constructed on this site. During FY18, the building was renamed to the Catherine and Isiah Leggett Math and Science Building.

## COST CHANGE

Project expenditures assume that a portion of Information Technology (IT) equipment costs may be funded through the Information Technology (No. P856509) project. The cost of the project has increased to match the State's allowed cost escalation of 4 percent.

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## PROJECT 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 2017 laboratory space deficit of 60,324 NASF and a total space deficit of 24,801 NASF. The 2027 projected laboratory space deficit is 58,137 NASF and the total space deficit is anticipated to be 101,488 NASF. The construction of the math & science building will address this deficit as well as replace Science South and Falcon Hall, which are in exceedingly poor condition (as identified in the Collegewide Facilities Condition Assessment, 12/13). Relevant studies include the Montgomery College 2020 Strategic Plan, Collegewide Facilities Condition Assessment Update (12/13), and the Collegewide Facilities Master Plan 2013-2023 (2/16).

## OTHER

FY19 Appropriation: 0 FY20 Appropriation: \$71,242,000; \$35,621,000 (G.O. Bonds), and \$35,621,000 (State Aid). Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement. The construction costs in the expenditure schedule (\$71,242,000) include: site improvement costs (\$6,588,000), building construction costs (\$64,654,000). The building construction cost per gross square foot equals \$480 (\$64,654,000/134,600).

## 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 (CIP No. P886686)