



# Takoma Park/Silver Spring Math and Science Center

(P076607)

Category	Montgomery College	Date Last Modified	12/17/19
SubCategory	Higher Education	Administering Agency	Montgomery College
Planning Area	Silver Spring and Vicinity	Status	Planning Stage

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Planning, Design and Supervision	10,276	2,712	7,564	-	-	-	-	-	-	-	-
Construction	71,242	-	8,994	62,248	27,464	22,302	12,482	-	-	-	-
Other	7,410	-	-	7,410	-	7,410	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>88,928</b>	<b>2,712</b>	<b>16,558</b>	<b>69,658</b>	<b>27,464</b>	<b>29,712</b>	<b>12,482</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
G.O. Bonds	44,464	1,356	8,279	34,829	13,732	14,856	6,241	-	-	-	-
State Aid	44,464	1,356	8,279	34,829	13,732	14,856	6,241	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>88,928</b>	<b>2,712</b>	<b>16,558</b>	<b>69,658</b>	<b>27,464</b>	<b>29,712</b>	<b>12,482</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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

Appropriation FY 21 Request	-	Year First Appropriation	FY16
Appropriation FY 22 Request	7,410	Last FY's Cost Estimate	88,642
Cumulative Appropriation	81,518		
Expenditure / Encumbrances	10,068		
Unencumbered Balance	71,450		

## 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.

## ESTIMATED SCHEDULE

Construction started in November 2019 and is expected to conclude in Summer 2022.

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## COST CHANGE

Equipment costs increased in line with the State-approved 4% escalation rate.

## 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 2018 laboratory space deficit of 67,128 NASF and a total space deficit of 731 NASF. The 2028 projected laboratory space deficit is 60,069 NASF and the total space deficit is anticipated to be 74,034 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 2025 Strategic Plan, Collegewide Facilities Condition Assessment Update (12/13), and the Collegewide Facilities Master Plan Update (6/18).

## OTHER

FY21 Appropriation: 0 FY22 Appropriation: \$7,410,000; \$3,705,000 (G.O. Bonds), and \$3,705,000 (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)