

Takoma Park/Silver Spring Math & Science Center (P076607)

Category: Montgomery College
 Sub Category: Higher Education
 Administering Agency: Montgomery College (AAGE15)
 Planning Area: Takoma Park

Date Last Modified: 8/25/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Planning Stage

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	13,152	0	0	13,152	0	0	0	4,626	6,446	2,080	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	65,762	0	0	25,686	0	0	0	0	0	25,686	40,076
Other	9,866	0	0	0	0	0	0	0	0	0	9,866
Total	88,780	0	0	38,838	0	0	0	4,626	6,446	27,766	49,942

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	44,390	0	0	19,419	0	0	0	2,313	3,223	13,883	24,971
State Aid	44,390	0	0	19,419	0	0	0	2,313	3,223	13,883	24,971
Total	88,780	0	0	38,838	0	0	0	4,626	6,446	27,766	49,942

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	
First Cost Estimate	
Current Scope	FY 16 88,780
Last FY's Cost Estimate	88,027

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.

Cost Change

The current estimated cost, shown in the Beyond 6 Years column, for other (furniture, fixtures, and equipment) is \$9,866,000, pending completion of final design.

The cost of this project has increased to match the State's allowed cost escalation factor (4%).

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 2012 laboratory space deficit of 82,600 NASF and a total space deficit of 92,725 NASF. Even with the completion of the Takoma Park Campus Expansion Project and the Cafritz Foundation Art Center, the 2022 projected laboratory space deficit is 104,640 NASF and the total space deficit is anticipated to be 163,318 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 Update (pending 11/13), and the Collegewide Facilities Master Plan Update (1/13).

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. The construction costs in the expenditure schedule (\$65,762,000) include: site improvement costs (\$4,529,000), building construction costs (\$61,503,000). The building construction cost per gross square foot equals \$456 (\$61,503,000/134,600).

Disclosures

A pedestrian impact analysis has been completed for this project.

Montgomery College (A15) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Facility Planning: College (CIP No. P886686)

EXECUTIVE RECOMMENDATION

Takoma Park/Silver Spring Math & Science Center (P076607)

Project Category: Montgomery College
 Project SubCategory: Higher Education
 Project Administering Agency: Montgomery College (AAGE15)
 Project Planning Area: Takoma Park

Date Last Modified: 9/9/12
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Planning Stage

EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY14	REM FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
Planning, Design and Supervision	12,646	0	0	12,646	0	0	0	4,448	6,198	2,000	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	63,232	0	0	24,698	0	0	0	0	0	24,698	38,534
Other	9,866	0	0	0	0	0	0	0	0	0	9,866
Total	85,744	0	0	37,344	0	0	0	4,448	6,198	26,698	48,400

FUNDING SCHEDULE (\$000s)

G.O. Bonds	43,062	0	0	18,672	0	0	0	2,224	3,099	13,349	24,390
State Aid	42,682	0	0	18,672	0	0	0	2,224	3,099	13,349	24,010
Total	85,744	0	0	37,344	0	0	0	4,448	6,198	26,698	48,400

COMPARISON (\$000s)

	Total	Thru FY14	REM FY14	6YR Total	FY15	FY16	FY17	FY18	FY19	FY20	Bey 6Yr	Approp.
Current Approved	88,027	0	0	37,344	0	0	0	4,448	6,198	26,698	50,683	0
Agency Request	88,780	0	0	38,838	0	0	0	4,626	6,446	27,766	49,942	0
Recommended	85,744	0	0	37,344	0	0	0	4,448	6,198	26,698	48,400	0

Change

	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Approved	753	0.9%	1,494	4.0%	0	0.0%
Recommended vs Approved	(2,283)	(2.6%)	0	0.0%	0	0.0%
Recommended vs Request	(3,036)	(3.4%)	(1,494)	(3.8%)	0	0.0%

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The Executive recommends deferring construction escalation cost increases until the full CIP due to the timing of construction, which begins in FY19-20, and the preliminary nature of the current cost estimates.