


ED #1
February 27, 2014
Worksession

(Councilmembers wishing to discuss projects in College CIP that are not included in this packet may want to bring the College 11/18/13 CIP book to the Worksession.)

MEMORANDUM

TO: Education Committee

FROM: Justina Ferber  Legislative Analyst

SUBJECT: FY15-20 Capital Improvements Program for Montgomery College

The following individuals will be present to discuss the Montgomery College CIP:

Dr. DeRionne Pollard, President
Janet Wormack, Interim Senior Vice President for Administrative and Fiscal Services
Susan Madden, Chief Government Relations Officer
John McLean, Director of Capital Planning and Design
Kristina Schramm, Capital Budget Manager
Erika Lopez-Finn, OMB Analyst

Comments by Dr. Pollard: The College President may want to provide opening comments.

Introduction: FY15 is a year for a full six-year Capital Improvements Program analysis in which agencies provide a comprehensive six-year program for capital improvements for review by the Executive and the Council. *The Executive's Capital Program contains only those projects for which he recommends a change from the College's Capital request.* Projects that have not been modified by the Executive are not included in the County published CIP. A list of all College projects and the Executive's FY15 recommendations is on page 5.

Overview of the College's request: The College's requested Capital Budget dated November 25, 2013, from the College President (see ©1 for the transmittal memorandum) requests \$53,023,000 for 31 projects for FY15. Two major projects were deferred from FY15 to FY16: Germantown Science & Applied Studies and Rockville Student Services Center. The College's Capital Budget

request does not include any new projects. Some of the College’s State-assisted projects include a modest increase in cost due to the State recognized increase in construction costs by allowing a 4 percent escalation factor in FY15. *Suggested changes to the College Capital Budget occurring after the November submission and subsequent to the Executive’s recommended CIP are discussed on pages 3, 7 and 8 of this memo.*

The College budget submittal letter states that the CIP request is fiscally prudent, despite aging facilities and space challenges. The College has the largest space deficit of any community college in Maryland. It maintains and renovates existing facilities and infrastructure to preserve them and to modify space for new or different programs and constructs new facilities for existing and future enrollment. The College’s request is based on three factors: enrollment, the condition of facilities, and the facilities master plan. In FY12 the total number of full-time equivalent students was 22,271. This figure is projected to increase to 23,206 by FY18.

Overview of Executive’s Recommendations: On January 15, 2014, the Executive submitted his Recommended FY15-20 Capital Improvements Program to the Council. The Executive recommends a six-year program of \$348.1 million for the College which is a decrease of \$6.2 million or 1.75 percent compared to the FY13-18 Capital Improvements Program of \$354.3. The Executive states that the decrease is primarily due to the substantial completion of the Germantown Bioscience Education Center, the Rockville Science East Building renovation and other projects. The Executive’s recommended budget funds all of the College’s requested projects. Two projects have minor reductions: Rockville Science West Building Renovation and Planning, Design & Construction. Two projects have been staggered: Takoma Park/Silver Spring Math Science Center and the Germantown Student Services Center.

Funding: The College’s funding request is shown in the next chart in millions. The College finances its six-year CIP using resources from four primary sources: County General Obligation Bonds, State Aid, County Current Revenue and Recordation Tax.

(Millions)

Funding Source	College			Executive		
	FY15	FY16	Six year	FY15	FY16	Six year
<i>County Current Revenue Including Recordation Tax</i>	14,488	13,852	88,268	14,452	13,816	88,052
<i>County Bonds</i>	37,570	35,559	208,262	37,535	35,385	156,969
<i>State Aid</i>	11,207	27,344	140,654	11,207	27,263	89,629
<i>Other</i>	13,450	-	13,450	13,450	-	13,450
Total	76,715	76,755	450,634	76,644	76,464	348,100

The County cannot afford all projects requested by County agencies due to bond limits. The Council will have to make hard choices in May based on affordability, after reviewing all

competing requests. However, at this stage in the review, the Committee can recommend more funding than the Executive was able to recommend, however, other projects in the CIP may have to be adjusted to accommodate any changes to the recommended CIP. It is particularly difficult to add to the CIP without affecting other projects.

Update on FY13/FY14 CIP Issue

FiberNet

One remaining item from the FY13/FY14 CIP is the Information Technology FiberNet issue. As you will recall, the College agreed not to pursue a separate fiber project when the County agreed to leverage American Recovery and Reinvestment Act (ARRA) broadband grant funding to provide the College with dedicated fibers and physical connections to its three core sites and five edge sites. Subsequent to the FY13-18 adopted CIP, the College and County government completed a Memorandum of Understanding for the FiberNet project in December 2012. The College and FiberNet technical staffs continue to work collaboratively to resolve technical implementation issues.

Most recently, Montgomery College reports that it is using FiberNet to enhance its existing services and looking for new service opportunities. It is using FiberNet for its facilities-wide area network, instructional television connection to the commercial vendor and transport for internet services. It is waiting for redundant WAN connectivity between campuses to support its back channel data center to data center communications. It is also waiting for some additional FiberNet connectivity in Germantown for Internet connectivity on that campus.

Issues Subsequent to Executive's Recommended CIP

Staff has identified the following issues subsequent to the Executive's Recommended CIP submission. They are discussed in more detail later in this memo:

- Remove the Rockville Science Center from the Close Out List.
- Restore \$71,000 in FY15 and in FY16 to the Planning, Design & Construction project - \$53,000 for planning, design and supervision and \$18,000 for construction to provide for wage adjustments for design, project management and construction staff.
- Appropriate additional State funding of \$111,000 for the Rockville Science West Project and restore \$220,000 in construction escalation costs split 50/50 between County and State.
- Transfer \$800,000 in bond funding from the Health Sciences Expansion project at the Takoma Park/Silver Spring Campus to the Capital Renewal Project.

Public Hearing Testimony

The testimony of Mr. Reginald Felton, Chair of the Montgomery College Board of Trustees, is attached at ©15-19.

Highlights of Campus Projects in the FY15-20 CIP (No New Projects)

Germantown Campus

Bioscience Education Center – to be completed fall of 2014

Observation Drive Reconstruction Design – to be completed fall of 2015

Science & Applied Studies Phase I Renovation – design and some renovation in FY15 and FY16, construction to be completed winter of 2017

Science & Technology Park Infrastructure – construction to be completed summer of 2014

Student Services Center – planning and design FY19 and FY20

Rockville Campus

Computer Science Alterations – to be completed fall 2016

Macklin Tower Alterations – to be completed fall of 2017

Parking Garage – to be completed fall of 2015

Student Services Center – construction scheduled to be completed summer of 2018

Science East Building Renovation – to be completed spring 2014

Science West Building Renovation – construction to be completed summer 2015

Takoma Park/Silver Spring Campus

Health Sciences Expansion – completed

Math and Science Center – design beginning FY18 with construction beginning FY20

Pavilion Three Building Renovation – construction beginning mid-2014

FY15-20 Executive Recommended Capital Improvements Program

Bolded projects have been modified by the Executive from the College's original request:

Project#	Project Name	College Request	Executive Recommends
936660	ADA Compliance	\$300,000	\$300,000
096600	Capital Renewal	\$11,306,000	\$11,306,000
046602	Computer Science Alterations - Rockville	\$291,000	\$291,000
056608	Elevator Modernization	\$1,200,000	\$1,200,000
816611	Energy Conservation	\$750,000	\$750,000
886686	Facility Planning: College	\$1,620,000	\$1,620,000
056603	Germantown Bioscience Education Center	\$7,000,000	\$7,000,000
096604	Germantown Observation Drive Reconstruction	\$400,000	\$400,000
096607	Germantown Science & Tech Pk Infrastructure	\$200,000	\$200,000
136600	Germantown Science & Applied Studies Renovation	\$36,006,000	\$36,006,000
076612	Germantown Student Services Center	\$77,436,000	\$14,082,000
856509	Information Technology	\$49,376,000	\$49,376,000
096601	Instructional Furniture and Equipment	\$1,620,000	\$1,620,000
036603	Macklin Tower Alterations - Rockville	\$4,816,000	\$4,816,000
076618	Network Operating Center	\$12,000,000	\$12,000,000
076619	Network Infrastructure and Support Systems	\$10,800,000	\$10,800,000
926659	Planned Lifecycle Asset Replacement	\$20,100,000	\$20,100,000
906605	Planning Design & Construction	\$8,904,000	\$8,478,000
136601	Rockville Parking Garage	\$26,500,000	\$26,500,000
076604	Rockville Student Services Center	\$63,848,000	\$63,848,000
076623	Rockville Science East Building Renovation	\$2,000,000	\$2,000,000
076622	Rockville Science West	\$23,441,000	\$23,221,000
876664	Roof Replacement	\$1,442,000	\$1,442,000
076601	Site Improvements	\$4,200,000	\$4,200,000
076617	Student Learning Support Systems	\$8,400,000	\$8,400,000
076607	Takoma Park/Silver Spring Math & Science	\$75,878,000	\$37,344,000
096603	Takoma Park Health Sciences Expansion	\$800,000	\$800,000
Projects to be Closed Out		Appropriation Thru FY14	
956645	Germantown Child Care Center		\$2,970,000
076600	Outdoor Athletic Facilities		\$400,000
096602	Rockville Parking Lot & Tennis Court Relocation		\$650,000
036600	Rockville Science Center <i>(The College has requested that this project be removed from the Close-Out list)</i>		\$69,390,000

Executive's Recommendations to Modify the Following Projects

GERMANTOWN STUDENT SERVICES CENTER

Page	Description		FY15-FY20	FY15	FY16	
© 7-8	Design and construction of a new student resource center - Germantown Campus.	College Request	\$77,436,000	\$0	\$0	
		Executive Rec	\$14,082,000	\$0	\$0	
		FY17	FY18	FY19	FY20	
	College Request	\$0	\$3,972,000	\$10,110,000	\$63,354,000	
	Executive Rec	\$0	\$0	\$3,972,000	\$10,110,000	
		Beyond 6 years				
	College Request	\$12,280,000				
	Executive Rec	\$75,634,000				
	Cost Change: Cost of the project has increased to match the State's allowed escalation factor – 4%.					
	Executive Recommendation: Stagger construction costs to make this project and the Takoma Park/Silver Spring Math and Science Center project more feasible to fund both. The Student Services Center planning and design is delayed one year.					
College Comments: Accept the Executive's modification.						
Council Staff Recommendation: Accept the Executive's recommendation to defer planning and design for one year.						

TAKOMA PARK/SILVER SPRING MATH & SCIENCE CENTER

Page	Description		FY15-FY20	FY15	FY16	
© 13-14	Funding for the design and construction of a new science and math building - Takoma Park Campus	College Request	\$75,878,000	\$0	\$0	
		Executive Rec	\$37,344,000	\$0	\$0	
		FY17	FY18	FY19	FY20	
	College Request	\$0	\$4,448,000	\$8,198,000	\$63,232	
	Executive Rec	\$0	\$4,448,000	\$8,198,000	\$24,698	
		Beyond 6 years				
	College Request	\$12,149,000	(furniture, fixtures, equipment)			
	Executive Rec	\$50,683,000				
	Cost Change: Cost of the project has increased to match the State's allowed escalation factor – 4%.					
	Executive Recommendation: Stagger construction costs to make this project and the Germantown Student Services Center project more feasible to fund both.					
College Comments: Accept the Executive's modification.						
Council Staff Recommendation: Accept the Executive's recommendation to split construction over more than one year.						

PLANNING, DESIGN & CONSTRUCTION

Page	Description		FY15-FY20	FY15	FY16
© 9-10	Provides for positions to plan, design, manage & implement College capital program.	College Request	\$8,904,000	\$1,484,000	\$1,484,000
		Executive Rec	\$8,478,000	\$1,413,000	\$1,413,000
		Staff Rec	\$8,904,000	\$1,484,000	\$1,484,000
		FY17	FY18	FY19	FY20
	College Request	\$1,484,000	\$1,484,000	\$1,484,000	\$1,484,000
	Executive Rec	\$1,413,000	\$1,413,000	\$1,413,000	\$1,413,000
	Staff Rec	\$1,484,000	\$1,484,000	\$1,484,000	\$1,484,000
	Restore Funding For wage adjustments				

Executive Recommendation: Maintain the current FY14 level of expenditure at \$1,413,000.

College Comments: In his public hearing testimony, Board of Trustees Chair Felton requested that the Planning, Design and Construction Project be fully funded to include cost of living increases (the same as awarded to other College staff) for the design, project management, and construction staff.

Council Staff Recommendation: Restore \$71,000 in FY15 and FY16 – \$53,000 for planning, design and supervision and \$18,000 for construction and each year beyond - to provide cost of living increases for the design, project management, and construction staff.

ROCKVILLE SCIENCE WEST BUILDING RENOVATION

Page	Description		FY15-FY20	FY15	FY16
© 11-12	Realignment/renovation of space in the Science West Building – Rockville	College Request	\$23,441,000	\$8,882,000	\$14,559,000
		Executive Rec	\$23,221,000	\$8,882,000	\$14,339,000
		Staff Rec	\$23,552,000	\$8,993,000	\$14,559,000
© 21		Revise to include additional State aid and provide match to State escalation funds	(see attached revised PDF at ©21 for details)		

Cost Change: Cost of the project has increased to match the State’s allowed escalation factor – 4%.

Executive Recommendation: Does not recommend funding the \$220,000 requested increase for cost escalation since construction will occur early in the six-year period when cost escalation is not expected.

College Comments: Revise the PDF to reflect additional \$111,000 in State Aid and match State funding of escalation costs.

Council Staff Recommendation: Revise the PDF to reflect an additional \$111,000 in State construction funding and restore \$220,000 in funding for escalation costs split 50/50 between the County and State. The County share is \$110,000.

Modification to MC CIP Subsequent to the CE's Recommended CIP

The Council received a letter on February 17, 2014, from College President Pollard requesting the transfer of \$800,000 in bond funding from the Health Sciences Expansion project at the Takoma Park/Silver Spring Campus to the Capital Renewal project. The Health Sciences project construction was completed in winter 2013. The transfer would return \$243,430 in unencumbered bond funding to the County and add an additional \$800,000 in bond funding to the Capital Renewal Project which will enable the College to extend the life of existing facilities and address current programmatic space needs.

TAKOMA PARK/SILVER SPRING HEALTH SCIENCES EXPANSION

Page	Description		FY15-FY20	FY15	FY16
© 19	Provides for the relocation of Workforce Development from the Health Sciences Center to the Cafritz Arts Center and for renovation of various spaces in the Health Sciences Center	College Request	\$800,000	\$800,000	0
		Executive Rec	\$800,000	\$800,000	0
		Staff Rec	0	0	0
		Transfer \$800,000 to Capital Renewal Project			
Executive Recommendation: Recommended the project as submitted by the College.					
College Comments: Letter from College President requesting the transfer of \$800,000 in bond funding from the Health Sciences Expansion project at the TP/SS Campus to the Capital Renewal project.					
Council Staff Recommendation: Approve the requested \$800,000 transfer from the Health Sciences Expansion project to the Capital Renewal project and return the unencumbered balance of \$284,430 to the County.					

Capital Renewal

Page	Description		FY15-FY20	FY15	FY16
© 20	Provides funding for the capital renewal and major renovation of aging College facilities.	College Request	\$12,106,000	\$2,453,000	\$1,653,000
		Executive Rec	\$11,306,000	\$1,653,000	\$1,653,000
		Staff Rec	\$12,106,000	\$2,453,000	\$1,653,000
		Transfer \$800,000 to Capital Renewal			
Executive Recommendation: Recommended the project as submitted by the College.					
College Comments: Letter from College President requesting the transfer of \$800,000 in bond funding from the Health Sciences Expansion project at the TP/SS Campus to the Capital Renewal project.					
Council Staff Recommendation: Approve the requested \$800,000 transfer from the Health Sciences Expansion project to the Capital Renewal project.					

©PAGE	ATTACHMENTS
©1	Letter from College President Pollard Transmitting Montgomery College CIP 11/25/13
©4	Executive's Recommended CIP for Montgomery College
©15	Reginald Felton, Board of Trustees Chair, Public Hearing Testimony 2/5/14
©18	Letter from College President Pollard Requesting \$800,000 Transfer 2/17/14
©19	Revised PDF - Health Sciences Expansion project
©20	Revised PDF - Capital Renewal project
©21	Revised PDF - Science West Building Renovation
	If Committee members wish to address projects that are not discussed in the packet, please bring the MC CIP Booklet to the worksession.

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Office of the President

November 25, 2013

The Honorable Isiah Leggett
Montgomery County Executive
Executive Office Building
101 Monroe Street
Rockville, Maryland 20850
and

The Honorable Nancy Navarro, President
Montgomery County Council
Stella B. Werner Office Building
100 Maryland Avenue
Rockville, Maryland 20850

Re: FY15 Capital Budget Request as part of the FY15-16 Biennial Capital
Budget and FY15-20 Capital Improvements Program

Dear Mr. Leggett and Ms. Navarro:

We respectfully transmit for your consideration the Montgomery College FY15 capital budget request as part of the FY15-16 biennial capital budget, and FY15-20 capital improvements program.

The Board of Trustees and I are grateful for your support of the College and the students we serve—for they represent the workforce of tomorrow. Our vision statement calls us to act with a sense of urgency in order to meet the dynamic challenges facing our students and community—to help move Montgomery County forward. We know that the College is vital to this effort, for we are the route to degree for many of the Montgomery County Public Schools graduates, as approximately 60% of those graduates who stay in-state to attend college, begin their higher education at Montgomery College—all contributing to a strong and vibrant local economy.

For as research has shown, graduates with associate's degrees can earn on-average \$639,000 more than those with just a high school diploma over a working lifetime—further testament that your community's college serves as an escalator for the middle class, and helps to create a strong tax base for our county and community. And like yourself, we know that the jobs of the future—be they trained auto mechanics or skilled electrical engineers—will require a post-secondary education, again making our role for the future even more important today. With your continued support, Montgomery College will work to keep our community strong, and move our County forward, as you so eloquently called for in your recent State-of-the-County address.

The Honorable Isiah Leggett
The Honorable Nancy Navarro
Member of Montgomery County Council
November 25, 2013
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Assuredly, we recognize that fiscal challenges remain. As a result, our request is fiscally prudent, despite aging facilities and space challenges—the largest space deficit of any community college in Maryland. Further, the College’s capital budget request does not include any new projects. In fact, two major projects have been deferred from FY15 to FY16: the Germantown Science and Applied Studies renovation construction (\$28,512,000), and the Rockville Student Services Center construction (\$50,140,000). Additionally, this request does not seek restoration of funding that was lost due to the past fiscal constraints of the Great Recession—a total of \$46,220,000. In particular, we plan to continue to work with the 10% reduction for construction costs as applied to both the Rockville and Germantown Students Services Centers, for a total savings of \$11,927,000 in the county-approved FY13 capital budget.

As we look to the future, the College’s FY15 capital budget request totals \$53,023,000 for thirty-one projects on the three campuses of the College. Among the FY15 projects, the College requests an appropriation of \$5,675,000 for the furniture, fixtures, and equipment for the Rockville Science West Building renovation (\$3,589,000 in county funding, and \$2,086,000 in state funding). Montgomery College also seeks support for its continuing deferred maintenance efforts through the following projects: the Planned Lifecycle Asset Replacement project (\$2,700,000), the Site Improvements project (\$700,000), and the Roof Replacement project (\$390,000).

During the past year, the College has made considerable progress on several important projects—projects designed to help prepare the workforce of tomorrow, projects that help advance the economic development goals of county, and projects that provide 21st century learning environments to enable our students to succeed, whether in a workplace lab, or in their next classroom. On the Rockville Campus, construction for the Science East Building renovation is moving ahead and will open for the spring 2014 semester. This renovation will complete the math/science complex at this campus—the epicenter of the largest engineering program at any community college in the nation.

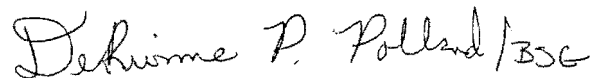
At the Germantown Campus, construction for the Bioscience Education Center is anticipated to be completed for fall 2014, and design is underway for the follow-on renovation of the Germantown Science and Applied Studies Building. Both facilities will enhance our ability to help the biotech industry continue to grow, and will further support the county’s efforts to attract high-skill, high-wage, cutting-edge industries. At the Takoma Park/Silver Spring Campus, the College is currently working with the surrounding community regarding the final exterior design of the Pavilion Three building renovation, which we now expect construction to begin in mid-2014. This renovation is part of the continued effort to fully revitalize this campus, one of the state’s oldest campus’—to ensure that Maryland’s most diverse campus has quality classrooms and labs. This project is funded from the Capital Renewal project.

The Honorable Isiah Leggett
The Honorable Nancy Navarro
Member of Montgomery County Council
November 25, 2013
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Montgomery County needs a strong community college, one with high-quality learning environments that will help all of our residents access and achieve the American Dream, and one that will further leverage your efforts to attract and retain the highly-skilled workforce, and the high-paying jobs that our county needs. Whether it is through the education and training of those newly-skilled auto mechanics, or those innovative electrical engineers of tomorrow, your support will help Montgomery College meet both the current and future needs of our local employers and our county, and continue to help move Montgomery County forward.

Again, I thank you for your continued support of the College, our mission and our students.

Sincerely,

Handwritten signature of DeRionne P. Pollard in cursive script, with "BSC" written at the end of the signature.

DeRionne P. Pollard, PhD
President

Enclosure

Montgomery College

AGENCY DESCRIPTION

Montgomery Community College provides postsecondary educational programs from campuses located in Takoma Park/Silver Spring, Rockville, and Germantown. It serves four broad groups of students:

- Those who want the first two years of a university education, either for an associate's degree or preparatory to another program;
- Those who want to prepare for a career not requiring a bachelor's degree;
- Highly capable high school juniors and seniors who participate in special programs; and
- Adults who want to continue their education, either to improve job skills or for personal enrichment.

The major sources of funding for Montgomery College are County support, State aid, tuition and fees charged for courses offered and for auxiliary enterprises, and continuing education. The College is chartered by the State of Maryland and functions as a part of the Maryland State community college system. Montgomery College has a policy of open admissions, which means that any person with the equivalent of a high school diploma, or the age of 18 or over, who can benefit from the programs and services of the College, is admitted as a student.

The development and administration of the educational programs and facilities of Montgomery Community College are directed by its President and overseen by the Board of Trustees.

PROGRAM DESCRIPTION AND OBJECTIVES

The FY15-20 CIP request consists of 27 projects. The section following this narrative shows only the project description forms (PDFs) for which the Executive recommends changes to the College request. Those PDFs are followed by project briefs that provide a description of the change and the Executive's rationale. The complete set of PDFs submitted by the College can be found on its web site at www.montgomerycollege.edu/Departments/budget/index.html.

PROGRAM CONTACTS

Contact Kristina Schramm of Montgomery College at 240.567.4265, 616 Firestone Dr. Silver Spring, MD 20905 or Jennifer Bryant of the Office of Management and Budget at 240.777.2761 for more information about this agency's capital budget.

CAPITAL PROGRAM REVIEW

Montgomery College Request

The College's FY15-20 capital program request totals \$450.6 million, an approximately \$96.3 million or 27.2 percent increase from the amended FY13-18 capital program of \$354.3 million. The College's plan includes constructing new buildings, renovating existing facilities, improving physical infrastructure, and maintaining the information technology network.

Executive Recommendations

The Executive recommends a total FY15-20 six-year CIP of \$348.1 million. This represents a decrease of \$6.2 million or 1.75 percent compared to the amended FY13-18 capital program of \$354.3 million. This decrease is primarily due to the substantial completion of the Bioscience Education Center, the Science East Building Renovation, and other projects. As noted in the briefs following the College PDFs at the end of this chapter, the Executive's recommended budget funds all of the College's requested projects. Two projects have minor reductions and the Takoma Park/Silver Spring Math & Science Center and the Germantown Student Services Center have been staggered to make their significant construction costs affordable.

Highlights

- Continue to address space deficits on the College's Rockville campus by maintaining construction funding for the Science West Building Renovation and the Rockville Student Services projects both of which will provide up-to-date centralized facilities and leverage significant State funding.
- Complete the Science East Building Renovation (Spring 2014) and the Rockville Parking Garage (Summer 2015).
- In the Fall of 2014 complete the Germantown Bioscience Education Center, fund design, and construction of the Germantown Science & Applied Studies Phase 1 Renovation project (completion in 2017), and continue to fund design of the Germantown Student Services Center.
- Provide funding for planning, design and the start of construction for the Takoma Park/Silver Spring Math & Science Center.
- Sustain College infrastructure projects such as Elevator Modernization, Planned Lifecycle Asset Replacement, Roof Replacement, and Site Improvements at the requested levels, to improve facilities and safety on all three campuses.
- Assume \$89.6 million in State aid, with \$11.2 million in FY15 for Montgomery College.

PROGRAM EXPENDITURES

The Executive's focus on educational excellence is evident by the Executive's recommended continued funding for Montgomery College. Since the College's \$96.3 million or 27.2 percent requested increase is not affordable without jeopardizing other important priorities, priority has been given to projects that add classroom and laboratory space, leverage State Aid, provide critical student support services, and maintain core infrastructure. Full or partial funding has been provided for all 27 projects requested by the College. Projects receiving a significant increase in funding include the Takoma Park/Silver Spring Math & Science Center and the Germantown Student Services Center. Two other projects, the Rockville Student Services Center and the Germantown Science & Applied Studies Phase I Renovation along with the two previously mention projects were also increased to fund the State's allowable construction cost escalation.

The Executive recommends full funding of infrastructure projects, such as ADA Compliance, Elevator Modernization, Capital Renewal: College, Energy Conservation: College, and Planned Lifecycle Asset Replacement: College.

PROGRAM FUNDING

The College finances its six-year CIP using resources from four primary sources.

County General Obligation Bonds

The Executive's recommendation provides approximately \$157.0 million of general obligation bonds for the College's capital program. This represents a decrease of \$10.2 million or 6.1 percent compared to the FY13-18 amended CIP of \$167.2 million.

County Current Revenue and Recordation Tax

The recommended CIP includes approximately \$88.1 million in current revenue to support various College infrastructure projects, compared to \$83.5 million in the FY13-18 amended capital program.

The Executive recommends the use of about \$13.2 million of recordation taxes during FY15-20 to fund Information Technology and Network Operating Center. In addition, the Executive recommends approximately \$74.9 million in Current Revenue: General funding.

State Aid

The Executive's recommended CIP for the College includes State aid of \$89.6 million for FY15-20, or approximately 25.7 percent of total program costs. The State of Maryland provides funding for the construction and renovation of State community colleges. The Annotated Code of Maryland says that a proposed capital project with a useful life of 15 years or more will be considered for funding, but projects that are primarily maintenance and repair will not be financed.

However, a renovation project such as a roof repair that exceeds \$100,000 may be considered for State funding.

State funding available for the community colleges in FY15 has not yet been determined. The Executive urges that the College continue to pursue State funding for all projects meeting the guidelines of the Maryland Higher Education Commission.

ENROLLMENT

The total number of full-time equivalent students; 30 credit load hours of instruction, enrolled in College credit programs in FY12 was 22,271. This figure is projected to increase to 23,206 by FY18. After a number of years of dramatic enrollment growth, modest increases are expected through FY18. Multiple factors affect enrollment projections:

- The number and the College's "draw rate" of Montgomery County Public Schools' high school graduates, which in fall FY2013 is 25 percent;
- Distance education enrollments;
- Partnership with the Universities at Shady Grove and the growth of new degree programs;
- A small increase in the number of late start (after the 3rd week) classes;
- Innovative class scheduling in both distance learning and on campus, "Completion Agenda Initiatives" and facility expansion and renovations, as well as parking enhancements that allow increased student capacity.

For details regarding enrollment estimates and assumptions, please refer to the "Enrollment Projections" chapter of the College's annual operating budget.

OPERATING BUDGET IMPACT

The enrollment forecast affects the College's operating budget because additional resources are required to maintain and operate any new facilities that are constructed or acquired. The College also would require funds to hire new faculty and staff to meet anticipated demand for courses and support services.

The College estimates that operating expenses of the new Bioscience Education Center on the Germantown campus; currently scheduled to open in 2014, will average about \$2 million per year in FY15-20. The new Science West Building Renovation Bioscience Education Center and the Rockville Parking Garage on the Rockville campus, currently scheduled to open in 2015, will average about \$110,000 and \$500,000 respectively, per year in FY15-20.

STATUTORY AUTHORITY

Title 16, Section 402, Annotated Code of Maryland, gives the County Council the power to make appropriations for capital projects of the College. Projects are financed under terms and

conditions approved by the Council. In accordance with State law and the Montgomery County Charter, the College prepares an annual capital budget and capital improvements program.

EXECUTIVE RECOMMENDATION

Germantown Student Services Center (P076612)

Project Category	Montgomery College	Date Last Modified	12/23/13
Project SubCategory	Higher Education	Required Adequate Public Facility	No
Project Administering Agency	Montgomery College (AAGE15)	Relocation Impact	None
Project Planning Area	Germantown	Status	Planning Stage

EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
Planning, Design and Supervision	14,082	0	0	14,082	0	0	0	0	3,972	10,110	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	63,354	0	0	0	0	0	0	0	0	0	63,354
Other	12,280	0	0	0	0	0	0	0	0	0	12,280
Total	89,716	0	0	14,082	0	0	0	0	3,972	10,110	75,634

FUNDING SCHEDULE (\$000s)

G.O. Bonds	45,717	0	0	7,041	0	0	0	0	1,986	5,055	38,676
State Aid	43,999	0	0	7,041	0	0	0	0	1,986	5,055	36,958
Total	89,716	0	0	14,082	0	0	0	0	3,972	10,110	75,634

COMPARISON (\$000s)

	Total	Thru FY13	Est FY14	6YR Total	FY15	FY16	FY17	FY18	FY19	FY20	Bey 6Yr	Approp.
Current Approved	83,795	0	0	3,972	0	0	0	3,972	0	0	79,823	0
Agency Request	89,716	0	0	77,436	0	0	0	3,972	10,110	63,354	12,280	0
Recommended	89,716	0	0	14,082	0	0	0	0	3,972	10,110	75,634	0

Change	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Approved	5,921	7.1%	73,464	1,849.5%	0	0.0%
Recommended vs Approved	5,921	7.1%	10,110	254.5%	0	0.0%
Recommended vs Request	0	0.0%	(63,354)	(81.8%)	0	0.0%

Recommendation
APPROVE WITH MODIFICATIONS

Comments

The Executive recommends increasing six-year expenditures and funding by \$10,110 due to affordability. Design will be fully funded under the Executive's recommended schedule and construction could be programmed as early as FY21. Staggering the significant construction costs of this project and the Takoma Park/Silver Spring Math & Science Center will make it more feasible to fund both projects.

The FY15 appropriation recommendation is \$0 (G.O. Bonds) and \$0 (State)

The FY16 appropriation recommendation is \$0 (G.O. Bonds) and \$0 (State)

Germantown Student Services Center (P076612)

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

Date Last Modified: 12/23/13
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Planning Stage

	Total	Thru FY13	Est 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	14,082	0	0	14,082	0	0	0	0	3,972	10,110	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	63,354	0	0	0	0	0	0	0	0	0	63,354
Other	12,280	0	0	0	0	0	0	0	0	0	12,280
Total	89,716	0	0	14,082	0	0	0	0	3,972	10,110	75,634

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	45,717	0	0	7,041	0	0	0	0	1,986	5,055	38,676
State Aid	43,999	0	0	7,041	0	0	0	0	1,986	5,055	36,958
Total	89,716	0	0	14,082	0	0	0	0	3,972	10,110	75,634

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	0
Appropriation Request Est.	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditure / Encumbrances		0
Unencumbered Balance		0

Date First Appropriation	FY 15	
First Cost Estimate		
Current Scope	FY 15	89,716
Last FY's Cost Estimate		83,795

Description

This project provides funds for the design and construction of a new student resource center (approximately 120,400 gross square feet) to support both study and student services as outlined in the Germantown Campus Facilities Master Plan, 2006-2016 (9/10). This project provides a comprehensive one-stop shop and brings together the Cafeteria, Bookstore, and Mailroom from the Humanities and Social Sciences Building; Admissions, Student Life and Security from the Science and Applied Studies Building, creating much more space for study and student development. This building will also house the Provost's Office, as well as media and academic computing support functions. This building will be located at 20200 Observation Drive, Germantown, MD 20874.

Estimated Schedule

The current estimated cost shown in the Beyond 6 Years column for other (furniture, fixtures, and equipment) is \$12,280,000 pending final design.

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

Justification

Supported in this facility are the media resources and academic computing functions, including the computer training lab. The advantage for students is the concentration of support resources in a single location. For the campus, space is made available in other buildings that will allow more growth in office and instructional space before another academic building is needed on campus. Under the application of State space guidelines, the enrollment growth on the Germantown campus has resulted in a significant space deficit. The Germantown campus has a fall 2012 space deficit of 208,327 NASF, and a 2021 projected space deficit of 227,390. Relevant studies include 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 (\$63,354,000) include: site improvement costs (\$12,906,145), building construction costs (\$50,447,855). The building construction cost per gross square foot equals \$419 (\$50,447,855/120,400).

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

Sciences and Applied Studies Building Alterations (CIP# P056605)

EXECUTIVE RECOMMENDATION

Planning, Design & Construction (P906605)

Project Category	Montgomery College	Date Last Modified	12/23/13
Project SubCategory	Higher Education	Required Adequate Public Facility	No
Project Administering Agency	Montgomery College (AAGE15)	Relocation Impact	None
Project Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY13	Est FY14	Total 8 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
Planning, Design and Supervision	22,284	14,899	1,055	8,330	1,055	1,055	1,055	1,055	1,055	1,055	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	7,440	4,934	358	2,148	358	358	358	358	358	358	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	29,724	19,833	1,413	8,478	1,413	1,413	1,413	1,413	1,413	1,413	0

FUNDING SCHEDULE (\$000s)

	Total	Thru FY13	Est FY14	Total 8 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
Current Revenue: General	16,134	11,192	706	4,236	706	706	706	706	706	706	0
G.O. Bonds	13,590	8,641	707	4,242	707	707	707	707	707	707	0
Total	29,724	19,833	1,413	8,478	1,413	1,413	1,413	1,413	1,413	1,413	0

COMPARISON (\$000s)

	Total	Thru FY13	Est FY14	6YR Total	FY15	FY16	FY17	FY18	FY19	FY20	Bey 6Yr	Approp.
Current Approved	26,898	19,833	1,413	5,662	1,413	1,413	1,413	1,413	0	0	0	0
Agency Request	30,150	19,833	1,413	8,904	1,484	1,484	1,484	1,484	1,484	1,484	0	1,484
Recommended	29,724	19,833	1,413	8,478	1,413	1,413	1,413	1,413	1,413	1,413	0	1,413

Change	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Approved	3,252	12.1%	3,252	57.5%	1,484	0.0%
Recommended vs Approved	2,826	10.5%	2,826	50.0%	1,413	0.0%
Recommended vs Request	(426)	(1.4%)	(426)	(4.8%)	(71)	(4.8%)

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The Executive recommends maintaining the current level of expenditures and funding of \$1.413 million for FY15-FY20 due to affordability.

FY15 appropriation recommendation is \$707,000 (G.O. Bonds) and \$706,000 (Current Revenue: General)

FY16 appropriation recommendation is \$707,000 (G.O. Bonds) and \$706,000 (Current Revenue: General)

Planning, Design & Construction (P906605)

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

Date Last Modified: 10/2/13
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY13	Est 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	22,602	14,899	1,055	6,848	1,108	1,108	1,108	1,108	1,108	1,108	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	7,548	4,934	358	2,256	376	376	376	376	376	376	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	30,150	19,833	1,413	8,904	1,484	1,484	1,484	1,484	1,484	1,484	0

FUNDING SCHEDULE (\$000s)											
Current Revenue: General	16,350	11,192	706	4,452	742	742	742	742	742	742	0
G.O. Bonds	13,800	8,641	707	4,452	742	742	742	742	742	742	0
Total	30,150	19,833	1,413	8,904	1,484	1,484	1,484	1,484	1,484	1,484	0
Full Time Equivalent (FTE)					15.0	15.0	15.0	15.0	15.0	15.0	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	1,484
Appropriation Request Est.	FY 16	1,484
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		21,246
Expenditure / Encumbrances		20,199
Unencumbered Balance		1,047

Date First Appropriation	FY 90
First Cost Estimate	
Current Scope	FY 15 30,150
Last FY's Cost Estimate	26,898
Partial Closeout Thru	0
New Partial Closeout	0
Total Partial Closeout	0

Description

This project provides for fifteen full time positions in the Facilities Office. These positions plan, design, manage and implement the College's capital program which extends beyond the current six years. These fifteen positions are broken down into 3 categories: Project Management Staff; Design Staff; and Construction Staff. The positions that are categorized as Project Management Staff are Project Managers (8), and Project Support Staff (1). The Project Managers are responsible for budget development, program planning, and project management through to completion. The Project Support Staff supports the goals of the Project Managers. The positions that are categorized as Design Staff are Architect (1), Engineer (1), and Architectural Drafter/Designer (1). The final category is Construction Staff, which consists of a Construction Services Supervisor (1), and Construction Trades Workers (2), who are responsible for completing small, in-house construction projects.

Justification

The above staff supports the increased work load associated with the College's CIP and complements the existing staff expertise. The College's CIP has increased substantially since the mid-1980s and the then existing staff could no longer support the additional projects.

Other

FY2015 Appropriation: \$1,484,000; \$742,000 (G.O. Bonds) and \$742,000 (Current Revenue: General).

FY2016 Appropriation: \$1,484,000; \$742,000 (G.O. Bonds) and \$742,000 (Current Revenue: General).

The following fund transfers have been made from this project: \$111,000 to Information Technology (#P856509) (BOT Resol. #91-56; \$400,000 to the Takoma Park Expansion project (#996662) (BOT Resol. #07-01-005, 1/16/07). The following fund transfer has been made into this project: \$28,000 (\$7,000 each) from ADA Compliance (#P936660), Energy Conservation (#P816611), Facility Planning (#P886686), PLAR (#P926659) (BOT Resol. #01-153), and \$150,000 from the Takoma Park Campus Expansion (#P996662) (BOT Resol. #11-06-078, 06-20-11). During FY87-89, certain personnel costs were charged to individual capital projects. As some staff work is required on every capital project, separately identifying staff funding is an efficient and cost effective method of management for the College and provides a clear presentation of staff costs.

Disclosures

Expenditures will continue indefinitely.

EXECUTIVE RECOMMENDATION

Science West Building Renovation (P076622)

Project Category	Montgomery College	Date Last Modified	12/23/13
Project SubCategory	Higher Education	Required Adequate Public Facility	No
Project Administering Agency	Montgomery College (AAGE15)	Relocation Impact	None
Project Planning Area	Rockville	Status	Final Design Stage

EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
Planning, Design and Supervision	3,062	2,912	50	100	50	50	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	26,278	0	8,832	17,446	7,832	9,614	0	0	0	0	0
Other	5,675	0	0	5,675	1,000	4,675	0	0	0	0	0
Total	35,015	2,912	8,882	23,221	8,882	14,339	0	0	0	0	0

FUNDING SCHEDULE (\$000s)

G.O. Bonds	18,746	1,897	4,466	12,383	4,466	7,917	0	0	0	0	0
State Aid	16,269	1,015	4,416	10,838	4,416	6,422	0	0	0	0	0
Total	35,015	2,912	8,882	23,221	8,882	14,339	0	0	0	0	0

COMPARISON (\$000s)

	Total	Thru FY13	Est FY14	6YR Total	FY15	FY16	FY17	FY18	FY19	FY20	Bey 6Yr	Approp.
Current Approved	35,015	2,912	8,882	23,221	8,882	14,339	0	0	0	0	0	0
Agency Request	35,235	2,912	8,882	23,441	8,882	14,559	0	0	0	0	0	0
Recommended	35,015	2,912	8,882	23,221	8,882	14,339	0	0	0	0	0	0

Change	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Approved	220	0.6%	220	0.9%	0	0.0%
Recommended vs Approved	0	0.0%	0	0.0%	0	0.0%
Recommended vs Request	(220)	(0.6%)	(220)	(0.9%)	0	0.0%

Recommendation
APPROVE WITH MODIFICATIONS

Comments

The Executive does not recommend funding the \$220,000 requested increase for cost escalation since construction will occur early in the six year period when cost escalation is not expected.

The FY15 appropriation recommendation is \$3,450,000 (G.O. Bonds) and \$2,005,000 (State)

The FY16 appropriation recommendation is \$0 (G.O. Bonds) and \$0 (State)

Science West Building Renovation (P076622)

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

Date Last Modified: 10/2/13
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Final Design Stage

	Total	Thru FY13	Est 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	3,062	2,912	50	100	50	50	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	26,498	0	8,832	17,666	7,832	9,834	0	0	0	0	0
Other	5,675	0	0	5,675	1,000	4,675	0	0	0	0	0
Total	35,235	2,912	8,882	23,441	8,882	14,559	0	0	0	0	0

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,885	1,897	4,466	12,522	4,466	8,056	0	0	0	0	0
State Aid	16,350	1,015	4,416	10,919	4,416	6,503	0	0	0	0	0
Total	35,235	2,912	8,882	23,441	8,882	14,559	0	0	0	0	0

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
OPERATING BUDGET IMPACT (\$000s)											
Energy				59	0	11	11	12	12	13	
Maintenance				485	0	97	97	97	97	97	
Net Impact				544	0	108	108	109	109	110	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	5,675
Appropriation Request Est.	FY 16	0
Supplemental Appropriation Request		0
Transfer		0

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 15 35,235
Last FY's Cost Estimate	35,015

Description

This project (total 70,164 GSF) provides for the realignment/renovation of space in the Science West Building (41,988 GSF), and for the addition of a third floor (28,176 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 the Math department faculty offices and the Math Learning Center. The building renovation will include general building improvements, HVAC system replacement and related energy conservation measures, and building access improvements. The addition will add a third floor to the Science West building to provide additional classroom support to address instructional space deficits at the Rockville Campus. A building survey in FY91 determined that the building structure is fireproofed with a sprayed on asbestos product and asbestos thermal insulation is used on the mechanical systems. An asbestos removal is determined to be the most appropriate response under Federal and State asbestos guidelines. The removal project will include mechanical system re-insulation and re-fireproofing in conformance with the local fire code.

Estimated Schedule

Project construction is scheduled to be completed in the Summer of 2015

Cost Change

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

Justification

Science West was constructed in 1971. The building no longer adequately supports the educational programs and support functions housed in it. The College will coordinate the renovation of Science West with the construction of the Rockville Science Center. The Chemistry and Biology 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. Relevant studies include the Collegewide Facilities Condition Assessment (pending 11/13), a Collegewide Facilities Master Plan Update (1/13), and the Part 1 and 2 Program documentation submitted to the State for the Renovation/Addition to the Science East & Science West Buildings (5/06).

Other

FY2015 Appropriation: \$5,675,000 total; \$3,589,000 (G.O. Bonds), \$2,086,000 (State Aid). FY2016 Appropriation: 0.
 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. Building renovation planning and design began in FY09 with a building asbestos removal and renovation scheduled to begin in FY14.

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

Rockville Science Center (CIP No. P036600), Science East Building Renovation (CIP No. P076623)

EXECUTIVE RECOMMENDATION

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

Project Category	Montgomery College	Date Last Modified	12/23/13
Project SubCategory	Higher Education	Required Adequate Public Facility	No
Project Administering Agency	Montgomery College (AAGE16)	Relocation Impact	None
Project Planning Area	Takoma Park	Status	Planning Stage

EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY13	Est 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	8,198	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	63,232	0	0	24,898	0	0	0	0	0	24,898	38,534
Other	12,149	0	0	0	0	0	0	0	0	0	12,149
Total	88,027	0	0	37,344	0	0	0	4,448	8,198	24,698	50,683

FUNDING SCHEDULE (\$000s)

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
G.O. Bonds	45,345	0	0	18,672	0	0	0	2,224	4,099	12,349	26,673
State Aid	42,682	0	0	18,672	0	0	0	2,224	4,099	12,349	24,010
Total	88,027	0	0	37,344	0	0	0	4,448	8,198	24,698	50,683

COMPARISON (\$000s)

	Total	Thru FY13	Est FY14	6YR Total	FY15	FY16	FY17	FY18	FY19	FY20	Bey 6Yr	Approp.
Current Approved	82,240	0	0	4,448	0	0	0	4,448	0	0	77,792	0
Agency Request	88,027	0	0	75,878	0	0	0	4,448	8,198	63,232	12,149	0
Recommended	88,027	0	0	37,344	0	0	0	4,448	8,198	24,698	50,683	0

Change	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Approved	5,787	7.0%	71,430	1,805.9%	0	0.0%
Recommended vs Approved	5,787	7.0%	32,896	739.6%	0	0.0%
Recommended vs Request	0	0.0%	(38,534)	(50.8%)	0	0.0%

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The Executive recommends increasing six-year expenditures and funding by \$32.896 million due to affordability. This will allow construction to begin in FY20 and be completed in FY21.

The FY15 appropriation recommendation is \$0 (G.O. Bonds) and \$0 (State)

The FY16 appropriation recommendation is \$0 (G.O. Bonds) and \$0 (State)

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

Category	Montgomery College	Date Last Modified	10/2/13
Sub Category	Higher Education	Required Adequate Public Facility	No
Administering Agency	Montgomery College (AAGE15)	Relocation Impact	None
Planning Area	Takoma Park	Status	Planning Stage

	Total	Thru FY13	Est 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	12,646	0	0	12,648	0	0	0	4,448	8,198	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	63,232	0	0	63,232	0	0	0	0	0	63,232	0
Other	12,149	0	0	0	0	0	0	0	0	0	12,149
Total	88,027	0	0	75,878	0	0	0	4,448	8,198	63,232	12,149

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	45,345	0	0	37,939	0	0	0	2,224	4,099	31,616	7,406
State Aid	42,682	0	0	37,939	0	0	0	2,224	4,099	31,616	4,743
Total	88,027	0	0	75,878	0	0	0	4,448	8,198	63,232	12,149

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	0
Appropriation Request Est.	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 15 88,027
Last FY's Cost Estimate	82,240

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 \$12,149,000, 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 (\$63,232,000) include: site improvement costs (\$4,095,100), building construction costs (\$59,136,900). The building construction cost per gross square foot equals \$439 (\$59,136,900/134,600).

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)

MONTGOMERY COLLEGE

Campuses at Germantown, Rockville, and Takoma Park, Maryland



Board of Trustees

Testimony to the Montgomery County Council
By Reginald Felton, Chair, Montgomery College Board of Trustees
Montgomery College Capital Budget and Capital Improvements Program FY 2016–2020
February 5, 2014

From my own perspective, as a former member of the Montgomery County Board of Education and now chair of the Montgomery College Board of Trustees, I believe strongly that a first class K–20 education system is imperative—one that includes locally provided postsecondary education. I also believe that it must be tightly coupled with the important values and commitments that exist within this great community. What are some of those values and commitments?

1) **Ensuring a high quality workforce.** Our community believes that our own residents should be able to compete successfully for local jobs. We should not need to import workers especially those middle-and high-skill jobs—we need to grow them here.

2) **Providing maximum opportunities to affordable postsecondary education.** Our community knows that higher paying jobs demand more than a high school diploma. Those good jobs—the middle-and high-skill jobs, the ones that pay a living wage and more—require postsecondary education.

3) **Family socio-economic status should be irrelevant to success.** Our community believes that every child at MCPS should be able to compete successfully in the workforce. Every child should have the opportunity to secure a postsecondary education and a good job—no matter their family income or background. However, we also know that the number of families living in poverty in our county continues to increase, and that additional resources are needed to ensure their success. Therefore, it means that a *locally* provided quality postsecondary education is more important than ever before. It ensures that all of Montgomery County’s children can achieve their dreams and contribute to our robust and vibrant community.

Given those values and commitments, I join Dr. Pollard, my colleagues on the Board of Trustees, the faculty, staff—and most importantly, the students—in seeking your support for a CIP request that advances our efforts to provide that quality postsecondary education needed by our residents and our county.

The time is now to begin to align funding with our values and commitments to our community. We understand the tremendous needs facing our county and the many difficult decisions ahead of you. However, as you are aware, the College absorbed \$46 million in cuts to the capital budget

over the last several years. Nonetheless, there are no new projects in this budget; in fact, we pushed back two of our projects. Additionally, we did not seek to advance any major project within the next six years. For example, both the Germantown Student Services Center and the Takoma Park/Silver Spring Math/Science Building were originally requested for design in FY10/11 along with a construction request to begin in FY12. However, recognizing the continued fiscal constraints facing our community, we requested the projects begin in FY18 as planned for in the adopted FY14–18 CIP. And, yes, these projects are eligible for state funding. At this point in the budget review process, we agree with the County Executive’s recommendations on these two projects. So, *please stay the course*.

With regard to facilities, we know that you appreciate the fact that we work to get the most out of every dollar we receive, by refreshing facilities where possible and not performing full renovations on every aging building. For example, with your help, the College renovated the Macklin Tower at the Rockville Campus. This building was renovated several floors at a time while employees remained in the building. We think such renovation strategies are a prudent use of resources to extend the useful life of a building. As a result, we are grateful for the deferred maintenance funds that aid such efforts on smaller projects.

We believe that over the past few years the College has been responsive to the realities of our economy. In addition to pushing back projects and choosing to refresh rather than fully renovate certain facilities, we are also exploring innovative delivery options. Online learning offerings continue to grow at Montgomery College and we are working to ensure that delivery models are designed to serve the wide array of students who live here. Many students succeed well in online classes, especially those who are well prepared for success and are self-disciplined in time management. The University of Maryland University College—Maryland’s premier online university—is a close ally in providing access to a college education in our state. However, we recognize that many of our students require face-to-face interaction with the faculty and their advisers to succeed. So, while online enrollment will continue to grow, it will not diminish the need for high-quality classrooms and labs and the need for additional capacity to serve.

The fact remains that Montgomery College still has the largest space deficit of any community college in Maryland. This deficit can be expected to continue, as we are the college of choice for the 60 percent of MCPS graduates, from every part of the county, who stay in state for college. We expect many of the elementary school students that you are investing in today will be attending the College—that day will come very quickly and we must be prepared to receive them. That’s why we ask that you not delay the College’s projects; they are as necessary to our community’s future as elementary school additions and modernizations.

Further, we urge you to *stay the course* because MC is the linchpin from MCPS to the Universities at Shady Grove (USG) as well as to the workforce. Therefore, your visionary investment in USG must be paired with continued investments in your community’s college. Students need to get through MC first to get to USG. After all, 75 percent of the students at USG started at MC.

To conclude, we very much recognize the challenges facing our community. We believe the community’s college is needed now more than ever to move Montgomery forward. Continued

investments in the College now will ensure a much higher return in the years ahead by ensuring a highly-skilled and well-educated workforce. An investment that has become more crucial with the passage of time and the county's changing demography.

We thank you for the support of the new Bioscience Education Center on the Germantown Campus. Opening in the fall of 2014, it will add much-needed, state-of-the-art science education facilities for students. The building will increase the amount of square footage of the campus by 43 percent and is crucial to meeting local bioscience workforce needs. It's an important element of the county's effort to attract and retain high skilled, high wage jobs, particularly in the biotech industry sector. Additionally, the renovated Science East building on the Rockville Campus opened to students last week providing much needed classroom space for our math and science disciplines. These are the kinds of projects that are instrumental in moving Montgomery forward.

Our request simply asks that you continue to invest in a program of improvements as laid out for many years in our facilities master plan and our CIP and now as recommended by the County Executive—with one exception. *We specifically ask the Council to fully fund our Planning, Design & Construction project.* This item includes salaries for the design, project management, and construction staff—the people who turn our capital requests into actual facilities. This project is instrumental in our ability to manage the projects currently underway, as well as those planned for the future.

We very much appreciate your commitment to education in Montgomery County. We ask you to please stay the course with Montgomery College.



Office of the President

February 17, 2014

The Honorable Craig Rice
Council President
Montgomery County Council
Stella B. Werner Office Building
100 Maryland Avenue
Rockville, Maryland 20850

Dear Mr. Rice:

Montgomery College respectfully transmits for your consideration a request to transfer \$800,000 in bond funding from the Health Sciences Expansion project at the Takoma Park/Silver Spring Campus (P096603) to the Capital Renewal project (P096600). The expansion project is complete and will be closed out in FY15. However, additional funds are needed in the Capital Renewal project. The College has already transferred funds from the expansion project at the maximum limit of 10 percent. County council action is necessary to transfer any further funds, and the College asks you to consider this request as part of the council's deliberations of the capital budget. With the approval of this request, the remaining \$284,430 in bond funding would be returned to the county. Attached are project description forms with the proposed changes and below is a summary chart of this request.

Health Sciences Expansion Balance Remaining (100% G.O. Bonds)	\$	1,084,430.00
Remaining Balance to:		
Capital Renewal	\$	(800,000.00)
Return to County	\$	(284,430.00)
Total	\$	(1,084,430.00)

We are grateful for the county's support of the Health Sciences Expansion project, which enabled the College to expand our nursing program—expanding opportunities for residents to obtain good paying jobs and meeting local workforce needs. The Capital Renewal project enables the College to maximize resources by extending the useful life of our existing facilities and to help address current programmatic space needs. As always we appreciate your continuing support of the College's capital projects, and your ongoing interest in the College and its students, programs, and services.

Sincerely,

DeRionne P. Pollard, PhD
President

cc: Dr. J. Wormack/Dr. D. Yeatts/Ms. J. Ferber/Ms. E. Finn

Health Sciences Expansion (P096603)

Category	Montgomery College	Date Last Modified	10/2/13
Sub Category	Higher Education	Required Adequate Public Facility	No
Administering Agency	Montgomery College (AAGE15)	Relocation Impact	None
Planning Area	Takoma Park	Status	Under Construction

	Total	Thru FY13	Est 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	478	383	95	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	2,743 2,743	2,797	146	0 0	0 0	0	0	0	0	0	0
Other	777	734	43	0	0	0	0	0	0	0	0
Total	4,198 4,998	3,914	284	0 0	0 0	0	0	0	0	0	0

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	4,198 4,998	3,914	284	0 0	0 0	0	0	0	0	0	0
Total	4,198 4,998	3,914	284	0 0	0 0	0	0	0	0	0	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	0
Appropriation Request Est.	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,198 4,998
Expenditure / Encumbrances		3,914 3,914 OK
Unencumbered Balance		284 1,084

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 15 4,998
Last FY's Cost Estimate	4,998

Description

This project provides for the relocation of the Workforce Development & Continuing Education (WD&CE) program from the Health Sciences Center to the second floor of the Cafritz Foundation Arts Center. The south wing of the second floor of the Cafritz Foundation Arts Center was left unfinished during the recently completed building renovation. The renovation of the second floor will provide classroom, computer lab, and office space for WD&CE while allowing the back renovation of various spaces in the Health Sciences Center for the growing nursing and health sciences programs.

Estimated Schedule

Project construction was completed in the Winter 2013.

Justification

The Takoma Park/Silver Spring Campus has a current (Fall 2012) instructional space deficit of 85,905 net square feet, and a total space deficit of 92,725 net square feet. The relocation of WD&CE will provide additional classroom, computer lab, and office space needed to support the functionality of this department. The relocation will also provide much needed instructional space for Nursing, and other Health Sciences programs. There were 280 applications received for the Nursing Program, but there were only 112 available spots for the Fall 2010 semester. In the last 2 years, there have been between 150 and 200 eligible students each semester, who were not accepted to the Nursing program. Since 2001, the Nursing program has doubled, and it is necessary to utilize additional space to accommodate this growth. Relevant studies include the Collegewide Facilities Master Plan Update (1/13).

Other

Funding Source: G.O. Bonds.

The following fund transfer has been made from this project: \$555,000 to the Germantown Bioscience Education Center project (Anticipated to be (#P056603)(BOT Resol. #12-06-036, 6/11/12), \$800,000 to the Capital Renewal project (P096603) (Approved as part of the FY15 Capital Budget).

Coordination

The Cafritz Foundation Arts Center (CIP No. P056604)

Capital Renewal: College (P096600)

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

Date Last Modified: 10/2/13
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY13	Est 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	4,101	1,152	1,253	1,696	248	248	300	300	300	300	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	16,118,107	1,917	5,080	9,910	1,705,005	1,405	1,700	1,700	1,700	1,700	0
Other	500	0	0	500	500	0	0	0	0	0	0
Total	21,20,708	3,069	6,333	12,11,306	2,453,163	1,653	2,000	2,000	2,000	2,000	0
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	21,20,708	3,069	6,333	12,11,306	2,453,163	1,653	2,000	2,000	2,000	2,000	0
Total	21,20,708	3,069	6,333	12,11,306	2,453,163	1,653	2,000	2,000	2,000	2,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	1,653
Appropriation Request Est.	FY 16	1,653
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation	10,202	-8,402
Expenditure / Encumbrances		3,069
Unencumbered Balance	7,133	-6,333

Date First Appropriation	FY 09	
First Cost Estimate		
Current Scope	FY 15	20,708
Last FY's Cost Estimate		16,708
Partial Closeout Thru		0
New Partial Closeout		0
Total Partial Closeout		0

21,508

Description

This project provides funding for the capital renewal and major renovation of aging College facilities for new and changing College academic programs and student service operations. The major focus of this project is to support programmatic changes to College facilities and operations by allowing the College to continue an on-going building modernization effort where State aid is lacking. With this project, the College will selectively focus State aid requests on high cost projects utilizing these County funds to support an on-going renovation effort on each campus. In conjunction with programmatic improvements and modifications, this project will replace aging building systems, such as heating, air conditioning, electrical, plumbing, etc., provide furniture, fixtures, and equipment; and update facilities to current building codes and regulations.

Justification

Starting FY2009, the County approved funding several renovation projects from the Capital Renewal project. These renovation projects were less likely to receive funding from the State, and as a result five projects at that time were merged into the Capital Renewal project. In November 2007, the College updated a comprehensive building system/equipment assessment, including site utilities and improvements, that identified deficiencies, prioritized replacements and upgrades, and provides the framework for implementing a systematic capital renewal program to complement on-going preventive maintenance efforts. The College continues to have a significant backlog of major building systems and equipment renovations and/or replacements due to the age of the Campuses and deferral of major equipment replacement. Key components of the HVAC, mechanical and electrical systems are outdated, energy inefficient, and costly to continue to repair. The renovation and/or replacement of major building systems, building components and equipment, and site improvements will significantly extend the useful life of the College's buildings and correct safety and environmental problems. The Collegewide Facilities Condition Assessment identified a \$67 million deferred maintenance backlog for the three campuses. If additional financial resources are not directed at this problem, College facilities will continue to deteriorate leading to higher cost renovations or building replacements. Related studies include the Collegewide Facilities Condition Assessment Update (pending 11/13), and the Collegewide Facilities Master Plan Update (1/13), and Utilities Master Plan (5/06).

Other

FY15 Appropriation: \$1,653,000 (G.O. Bonds). FY16 Appropriation: \$1,653,000 (G.O. Bonds).

Disclosures

Expenditures will continue indefinitely.

Coordination

Energy Conservation: College (CIP No. P816611), Facility Planning: College (CIP No. P886686), Planned Lifecycle Asset Replacement: College (CIP No. P926659), Roof Replacement: College (CIP No. P876664), Site Improvements: College (CIP No. P076601)

→ The following fund transfer has been made to this project: \$800,000 from the Health Sciences Expansion project (P096603) (Anticipated to be approved as part of the FY15 Capital Budget).

Science West Building Renovation (P076622)

Category	Montgomery College	Date Last Modified	10/2/13
Sub Category	Higher Education	Required Adequate Public Facility	No
Administering Agency	Montgomery College (AAGE15)	Relocation Impact	None
Planning Area	Rockville	Status	Final Design Stage

	Total	Thru FY13	Est 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	3,062	2,912	50	100	50	50	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	26,498 26,498	0	8,832	11,277 17,888	7,943 7,943	9,834	0	0	0	0	0
Other	5,675	0	0	5,675	1,000	4,675	0	0	0	0	0
Total	35,346 35,346	2,912	8,882	23,522 23,522	8,943 8,943	14,559	0	0	0	0	0

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
FUNDING SCHEDULE (\$000s)											
G.O. Bonds	18,885	1,897	4,466	12,522	4,466	8,056	0	0	0	0	0
State Aid	16,461 16,461	1,015	4,416	11,030 16,949	4,521 4,416	6,503	0	0	0	0	0
Total	35,346 35,346	2,912	8,882	23,552 23,522	8,943 8,943	14,559	0	0	0	0	0

	Total	Thru FY13	Est FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
OPERATING BUDGET IMPACT (\$000s)											
Energy				59	0	11	11	12	12	13	
Maintenance				485	0	97	97	97	97	97	
Net Impact				544	0	108	108	109	109	110	

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 15	5,786 5,786
Appropriation Request Est.	FY 16	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		29,560
Expenditure / Encumbrances		3,071
Unencumbered Balance		26,489

Date First Appropriation	FY 09
First Cost Estimate	
Current Scope	FY 15
Last FY's Cost Estimate	35,346

Description

This project (total 70,164 GSF) provides for the realignment/renovation of space in the Science West Building (41,988 GSF), and for the addition of a third floor (28,176 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 the Math department faculty offices and the Math Learning Center. The building renovation will include general building improvements, HVAC system replacement and related energy conservation measures, and building access improvements. The addition will add a third floor to the Science West building to provide additional classroom support to address instructional space deficits at the Rockville Campus. A building survey in FY91 determined that the building structure is fireproofed with a sprayed on asbestos product and asbestos thermal insulation is used on the mechanical systems. An 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 re-fireproofing in conformance with the local fire code.

Estimated Schedule

Project construction is scheduled to be completed in the Summer of 2015

Cost Change

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

Justification

Science West was constructed in 1971. The building no longer adequately supports the educational programs and support functions housed in it. The College will coordinate the renovation of Science West with the construction of the Rockville Science Center. The Chemistry and Biology 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. Relevant studies include the Collegewide Facilities Condition Assessment (pending 11/13), a Collegewide Facilities Master Plan Update (1/13), and the Part 1 and 2 Program documentation submitted to the State for the Renovation/Addition to the Science East & Science West Buildings (5/06).

Other

\$5,786,000

\$2,197,000

FY2015 Appropriation: ~~\$5,675,000~~ total; \$3,589,000 (G.O.Bonds), ~~\$2,086,000~~ (State Aid). FY2016 Appropriation: 0.

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. Building renovation planning and design began in FY09 with a building asbestos removal and renovation scheduled to begin in FY14.

Disclosures

A pedestrian impact analysis has been completed for this project.

Updated 2/18/14. KS