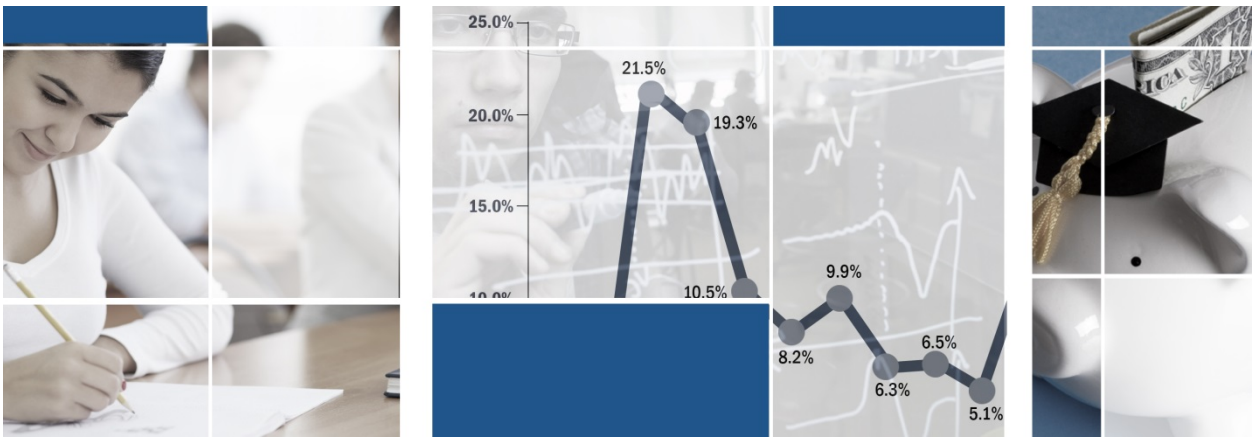


November 2017



## 2018-20 Systemwide Capital Outlay Budget Recommendations for Higher Education in Virginia

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## **Statutory Rationale for Systemwide Capital Outlay Budget Recommendations**

The enabling legislation for systemwide capital outlay budget recommendations can be found, in part, in Sections 23.1-208 A through C, and 23.1-203 (9) and (12) of the Code of Virginia. These sections outline the responsibilities of the State Council of Higher Education for Virginia (SCHEV) as they pertain to the evaluation and budget recommendations of systemwide capital outlay requirements of public higher education in Virginia.

Section 23.1-208 charges the Council to develop policies, formulae and guidelines for the fair and equitable distribution and use of public funds among the public institutions of higher education. Further, this section states that such policies, formulae, and guidelines as are developed by the Council shall include provisions for operating expenses and capital outlay programs and shall be utilized by all public institutions of higher education in preparing requests for appropriations.

Section 23.1-203(9) charges the Council to develop a uniform, comprehensive data information system designed to gather all information necessary to the performance of the Council's duties. The system shall include information on admissions, enrollments, self-identified students with documented disabilities, personnel, programs, financing, space inventory and facilities and such other areas as the Council deems appropriate.

Section 23.1-203(12) requires that the Council to review biennially and approve or disapprove all changes in the inventory of educational and general space that any public institution of higher education may propose, and to make a report to the Governor and the General Assembly.

## **SCHEV Budget Recommendations for Maintenance Reserve Program in 2018-20 Biennium**

In 1982, following the Council's recommendations, the Commonwealth established the maintenance reserve program to provide funding for facility repairs that are not addressed in the institutions' operating budget and are usually too small to qualify for capital outlay funding. Examples of typical maintenance reserve projects are roof repair and replacement, boiler and chiller replacement, major electrical system upgrades, etc.

In order to make meaningful budget recommendations, in 1999 SCHEV staff developed a 10-year maintenance reserve funding formula using institutions' detailed information of the condition of their buildings and infrastructure assets such as the current replacement value and the deficiencies. The goal was to allow each institution to achieve a campus-wide Facility Condition Index (FCI) of "Good" over a ten-year period through a series of scheduled funding. The "Good" condition represents the dollar value of deficiencies is 5% or less of the current replacement value.

The Commonwealth has provided about \$75 million per year for the maintenance reserve program in the past ten years. For FY2018, the program provides a total of \$104.4 million statewide, including \$63.2 million (61%) for higher education. However, the program funding has fallen far short of Council's recommendations. The cumulative shortfall grew to over \$501 million by 2011. While funding for deferred maintenance has lagged, the Commonwealth has provided two significant capital initiatives for new construction and major renovations at the public institutions through bond proceeds over the past ten years. This has helped improve the institutions' overall facility conditions. The Commonwealth changed the funding source for the program from the general fund to bond proceeds in FY2009.

Recognizing the Commonwealth's priority for new construction, but seeing the need for addressing an appropriate amount of deferred maintenance, SCHEV staff changed the 10-year maintenance reserve funding methodology and started applying an annual capital renewal and reinvestment budget methodology commonly used in facility management for the SCHEV maintenance reserve recommendations in 2013. The

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purpose of the capital reinvestment is to keep a facility in reliable operating condition for its present value and prevent further accumulation of deferred maintenance. The National Association of College and University Business Officers (NACUBO) recommends an annual capital reinvestment rate of between 1.5% and 3.5% of the present replacement value. The annual capital reinvestment rates set by the U.S. Government Accountability Office (GAO) vary from 1% for the U.S. Air Force to 4% for NASA.

The Commonwealth's Division of Risk Management collects building values for insurance purposes in the Virginia Agency Property System (VAPS) database. As the maintenance reserve program provides funding only for facilities used for educational and general programs (E&G), SCHEV staff recently asked institutions to identify each facility's percentage use of E&G programs in the VAPS database. The following table shows the current total E&G facility replacement value at each institution. SCHEV staff proposes to use a 1% annual reinvestment rate to derive the funding need for the maintenance reserve program in 2018-20 biennium. The estimated funding need is \$121,521,931 per year for a total of \$243,043,863 for the 2018-20 biennium.

**Recommendations and Resolution:**

**BE IT RESOLVED that the State Council of Higher Education for Virginia recommends the appropriation of \$121,521,931 annually from the general fund to the Maintenance Reserve Program for higher education institutions in the 2018-20 Biennium.**

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**SCHEV Funding Recommendation for the Maintenance Reserve Program  
in 2018-20 Biennium**

<b>Institution</b>	<b>E&amp;G Building Replacement Value <sup>(1)</sup></b>	<b>Annual Funding Need <sup>(2)</sup></b>
Christopher Newport University	\$ 272,122,384	\$ 2,721,224
College of William and Mary	\$ 668,626,423	\$ 6,686,264
George Mason University	\$ 947,680,543	\$ 9,476,805
James Madison University	\$ 793,108,266	\$ 7,931,083
Longwood University	\$ 235,425,693	\$ 2,354,257
Norfolk State University	\$ 228,812,895	\$ 2,288,129
Old Dominion University	\$ 527,618,959	\$ 5,276,190
Radford University	\$ 341,639,878	\$ 3,416,399
University of Mary Washington	\$ 186,941,776	\$ 1,869,418
University of Virginia	\$ 1,990,662,407	\$ 19,906,624
University of Virginia at Wise	\$ 177,073,119	\$ 1,770,731
Virginia Commonwealth University	\$ 1,410,554,362	\$ 14,105,544
Virginia Military Institute	\$ 453,921,020	\$ 4,539,210
Virginia State University	\$ 333,517,396	\$ 3,335,174
Virginia Tech <sup>(3)</sup>	\$ 1,603,576,448	\$ 16,035,764
Richard Bland College	\$ 57,088,057	\$ 570,881
Virginia Community College Sys.	\$ 1,923,823,506	\$ 19,238,235
<b>TOTAL</b>	<b>\$ 12,152,193,129</b>	<b>\$ 121,521,931</b>

Notes:

<sup>(1)</sup> Data sources are Virginia Agency Property System (VAPS) building value and SCHEV survey of Education and General facilities, excluding infrastructure, with updated reports from institutions.

<sup>(2)</sup> Calculation is derived by 1% reinvestment rate.

<sup>(3)</sup> Replacement value contains E&G buildings on main campus only.

## **SCHEV Capital Outlay Recommendations for Project Requests with a General Fund Component in 2018-2024**

The State Council of Higher Education (SCHEV), under authority of the Code of Virginia, evaluates the need among the Commonwealth's public institutions of higher education for new academic and administrative space under its Fixed Asset Guidelines. These guidelines also address the prioritization of requests for major renovations and capital improvements. Having developed a comprehensive data collection system which captures essential information related to the level and discipline of instructional activity, the size and condition of existing facilities and the productivity with which these facilities are used, SCHEV produces empirically based recommendations for the equitable distribution of financial resources among the colleges to support their primary missions of instruction, research and public service. The Council's capital outlay recommendations have long been regarded as an important source of impartial and objective analysis in the development of the Commonwealth's long-range fixed asset planning for higher education.

The General Assembly has provided funding for higher education capital outlay projects through general obligation bonds twice this century along with other significant capital initiatives over the years. As a result, the need for additional space has been greatly reduced. Based on 2016 actual enrollments and projected 2022 enrollments, only GMU and NVCC are in need of space for E&G programs. The 2016 space utilization report – a measure of physical productivity at institutions - showed that less than half of the institutions met their classrooms and class labs utilization standards at their campuses. However, all six doctoral institutions demonstrated research space need for a total of 1.3 million square feet in 2022.

Higher education institutions requested a total of 169 capital outlay projects for 2018-2024. The requests included projects for new construction, renovation, infrastructure improvements, and land acquisition. Based on the Council's Fixed Assets Guidelines, staff reviewed 141 capital outlay project requests that have a general fund component in 2018-2024. Of guideline-approved projects, eight facilities are used for research or have a combined use for educational and general programs and research with a total funding request of \$639 million, accounting for 14% of total requested project costs.

Of the 141 capital outlay project requests SCHEV staff reviewed, 14 projects were either authorized for detailed planning by the General Assembly in previous sessions or for

equipment funding of authorized construction. Staff listed these projects for funding information only.

For the rest of the reviewed project requests, staff made assessments and assigned priorities based on a combination of the SCHEV Fixed Assets Guidelines and programmatic reviews from site visits and discussions with institutional experts in the following groups:

Priority 1 — These are projects that meet the Council's Fixed Asset Guidelines or are considered critical to supporting the capital outlay needs of Virginia's system of higher education. Also included in this group are projects that address ADA, security issues and infrastructure improvements for energy efficiency and mechanical, electrical and plumbing (MEP) systems.

Priority Group 1.B — These are projects that address critical state wide capital outlay needs and have compelling programmatic justifications but do not meet the space need and productivity criteria under the Council's Fixed Asset Guidelines.

Priority 2 — These are projects that do not meet the space and productivity criteria in the Council's Fixed Asset Guidelines but have some compelling programmatic justification.

Priority 3 — These are projects that do not meet the space and productivity criteria in the Council's Fixed Asset Guidelines and have less immediate space and programmatic need.

Priority 4 — These are non-guideline requests. No assessment is made.

### **Definition of 9(c) and 9(d) Debt**

Article X, Section 9 of the Constitution of Virginia outlines the Constitutional provisions for State debt. State debt can be divided into two broad categories according to restrictions in the Constitution:

- General Obligation Debt – Debt issued by the Commonwealth and supported by the full faith and credit of the State (Section 9(a), 9(b) and 9(c) debt): and
- Non-General Obligation Debt – Debt issued by Commonwealth agencies, institutions and authorities not supported by the full faith and credit of the State (Section 9(d) debt).



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Section 9(c) Debt is long-term debt for revenue-producing capital projects. This debt is issued as “double-barrelled” bonds which are backed by both the net revenues of the projects and the full faith and credit of the Commonwealth. Net revenues derived from the projects are pledged and expected to provide for the payment of debt service. Issuance of 9(c) debt requires a two-thirds vote of each house of the General Assembly and certifications by the Governor that net revenues from the projects will be sufficient to meet both principal and interest payments on the debt. Section 9(c) bonds are issued through the Treasury Board. These bonds have largely replaced auxiliary enterprise debt issued directly by higher education institutions and backed by such projects as dorm revenues and the Department of the Transportation toll road bonds backed by toll revenues.

Section 9(d) Debt is considered to be non-general obligation debt of the Commonwealth because it is not backed by the full faith and credit of the Commonwealth. The issuance of Section 9(d) bonds is authorized by general law. Such debt is repaid from a number of sources, including, appropriations of general and non-general fund revenues by the General Assembly, revenues of self-supporting enterprise systems, or payments from local governments.

**Recommendations and Resolution:**

**BE IT RESOLVED that the State Council of Higher Education for Virginia calculates a need for \$1,158,787,800 from the general fund and \$99,834,600 from nongeneral funds and debt proceeds to support the capital outlay needs of the Commonwealth’s system of public higher education.**

**BE IT FURTHER RESOLVED that the State Council of Higher Education for Virginia recommends that priority for debt authorization be provided for the Maintenance Reserve Program.**

**SCHEV Capital Outlay Recommendations  
For Project Requests with a General Fund Component in 2018-2024**

**Table 1: Total Requested Funding by Fund and Priority Group**

Priority Group	General Fund	Nongernal Funds	9(C ) Debt	VCBA/ 9(D ) Debt	Total Requested Funding	Total Projects
SCHEV Priority Group 1	\$862,952,400	\$500,000	\$0	\$84,676,000	\$948,128,400	26
SCHEV Priority Group 1.b	\$295,835,400	\$14,658,600	\$0	\$0	\$310,494,000	8
<b>Included in Resolution</b>	<b>\$1,158,787,800</b>	<b>\$15,158,600</b>	<b>\$0</b>	<b>\$84,676,000</b>	<b>\$1,258,622,400</b>	<b>34</b>
Projects in Appropriation Acts	\$191,861,519	\$0	\$0	\$47,697,738	\$323,059,988	14
SCHEV Priority Group 2	\$1,588,771,408	\$33,603,680	\$5,858,700	\$58,001,011	\$2,069,808,419	73
SCHEV Priority Group 3	\$739,792,050	\$0	\$45,440,000	\$0	\$785,232,050	19
SCHEV Priority Group4	\$0	\$3,000,000	\$0	\$0	\$3,000,000	1
<b>Not Included in Resolution</b>	<b>\$2,520,424,977</b>	<b>\$36,603,680</b>	<b>\$51,298,700</b>	<b>\$105,698,749</b>	<b>\$3,181,100,457</b>	<b>107</b>
<b>Total Requests</b>	<b>\$3,679,212,777</b>	<b>\$51,762,280</b>	<b>\$51,298,700</b>	<b>\$190,374,749</b>	<b>\$4,439,722,857</b>	<b>141</b>

**Table 2: Total Requested Funding by Fund and Institution**

<b>Institution</b>	<b>General Fund</b>	<b>Nongernal Funds</b>	<b>9(C ) Debt</b>	<b>VCBA/ 9(D ) Debt</b>	<b>Total Requested Funding</b>	<b>Total Projects</b>
CNU	43,732,000	0	0	0	43,732,000	2
CWM	302,409,968	0	0	0	305,579,150	12
GMU	416,604,289	0	0	60,748,711	477,353,000	8
JMU	171,791,749	3,000,000	0	14,800,000	189,591,749	7
LU	39,847,320	603,680	0	0	40,451,000	4
NSU	148,360,500	0	28,140,000	0	176,500,500	3
ODU	136,575,000	0	0	3,810,000	139,885,000	3
RU	118,800,000	0	0	0	118,800,000	4
UMW	219,270,500	0	0	8,751,500	228,022,000	9
UVA	24,500,000	14,000,000	0	43,797,738	82,297,738	3
UVAW	32,200,000	0	0	0	32,200,000	1
VCU	739,209,000	0	17,300,000	11,900,000	848,740,549	15
VCCS	456,384,000	0	0	0	840,403,000	31
VMI	185,437,680	24,658,600	5,858,700	6,191,800	222,201,400	20
VSU	105,268,000	2,500,000	0	0	107,768,000	5
VT	412,175,000	7,000,000	0	40,375,000	459,550,000	9
VT-Ext	124,300,000	0	0	0	124,300,000	3
EVMS	2,347,771	0	0	0	2,347,771	2
<b>Total</b>	<b>3,679,212,777</b>	<b>51,762,280</b>	<b>51,298,700</b>	<b>190,374,749</b>	<b>4,439,722,857</b>	<b>141</b>

**Table 3: Total General Fund Requests by Institution and Priority Group**

Institution	Priority 1	Priority 1.b	Priority 2	Priority 3	Priority 4	Projects Already in Appropriation Acts	Total GF Requests
CNU	\$0	\$0	\$0	\$43,732,000	\$0	\$0	\$43,732,000
CWM	\$90,980,000	\$0	\$149,940,000	\$57,925,150	\$0	\$3,564,818	\$302,409,968
GMU	\$280,996,000	\$48,680,000	\$86,928,289	\$0	\$0	\$0	\$416,604,289
JMU	\$22,200,000	\$0	\$120,500,048	\$0	\$0	\$29,091,701	\$171,791,749
LU	\$0	\$0	\$37,359,320	\$0	\$0	\$2,488,000	\$39,847,320
NSU	\$0	\$129,600,500	\$0	\$18,760,000	\$0	\$0	\$148,360,500
ODU	\$3,380,000	\$0	\$133,195,000	\$0	\$0	\$0	\$136,575,000
RU	\$0	\$0	\$79,000,000	\$36,425,000	\$0	\$3,375,000	\$118,800,000
UMW	\$84,610,000	\$0	\$130,660,500	\$0	\$0	\$4,000,000	\$219,270,500
UVA	\$0	\$0	\$24,500,000	\$0	\$0	\$0	\$24,500,000
UVAW	\$0	\$0	\$32,200,000	\$0	\$0	\$0	\$32,200,000
VCU	\$0	\$41,000,000	\$59,000,000	\$551,900,000	\$0	\$87,309,000	\$739,209,000
VCCS	\$41,552,000	\$54,425,000	\$357,307,000	\$0	\$0	\$3,100,000	\$456,384,000
VMI	\$42,109,400	\$15,729,900	\$96,548,480	\$31,049,900	\$0	\$0	\$185,437,680
VSU	\$6,700,000	\$6,400,000	\$33,235,000	\$0	\$0	\$58,933,000	\$105,268,000
VT	\$166,125,000	\$0	\$246,050,000	\$0	\$0	\$0	\$412,175,000
VT-Ext	\$124,300,000	\$0	\$0	\$0	\$0	\$0	\$124,300,000
EVMS	\$0	\$0	\$2,347,771	\$0	\$0	\$0	\$2,347,771
<b>Total</b>	<b>\$862,952,400</b>	<b>\$295,835,400</b>	<b>\$1,588,771,408</b>	<b>\$739,792,050</b>	<b>\$0</b>	<b>\$191,861,519</b>	<b>\$3,679,212,777</b>

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**Projects Authorized for Detailed Planning by General Assembly in Previous Appropriation Acts or for Equipment Funding of Authorized Construction  
in 2018-2024**

Institution	Request Title	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	VCBA/9(D) Debt
CWM	Improve: Lake Matoaka Dam Spillway	Improvements-Infrastructure Repairs	\$6,734,000	\$3,564,818	\$0	\$0	\$0
JMU	Wilson Hall Renovation FF&E	Improvements-Other	\$4,178,449	\$4,178,449	\$0	\$0	\$0
JMU	Construct New College of Business - FF&E	New Construction/Improvement	\$13,125,936	\$13,125,936	\$0	\$0	\$0
JMU	Renovate Jackson Hall	Planning	\$11,787,316	\$11,787,316	\$0	\$0	\$0
LU	Construct New Academic Building	New Construction	\$2,488,000	\$2,488,000	\$0	\$0	\$0
RU	Renovate Curie and Reed Halls	Improvements-Other	\$3,375,000	\$3,375,000	\$0	\$0	\$0
UMW	Construct Jepson Science Center addition	New Construction	\$4,000,000	\$4,000,000	\$0	\$0	\$0
UVA	Renovate Gilmer Hall and Chemistry Building	Improvements-Other	\$43,797,738	\$0	\$0	\$0	\$43,797,738
VCU	Construct School of Allied Health Professions Building	New Construction	\$87,740,549	\$7,409,000	\$0	\$0	\$0
VCU	Construct School of Engineering Research Expansion	New Construction	\$7,800,000	\$3,900,000	\$0	\$0	\$3,900,000
VCU	Humanities and Sciences Phase I, STEM Class Laboratories	New Construction	\$76,000,000	\$76,000,000	\$0	\$0	\$0
VCCS	Construct Academic Building, Fauquier Campus, Lord Fairfax	Stand-alone Equipment Acquisition	\$1,600,000	\$1,600,000	\$0	\$0	\$0
VCCS	Construct Bioscience Building, Blue Ridge	Stand-alone Equipment Acquisition	\$1,500,000	\$1,500,000	\$0	\$0	\$0
VSU	Demolish/Replace Daniel Gym and Harris Hall	Planning	\$58,933,000	\$58,933,000	\$0	\$0	\$0
<b>Total</b>	<b>14</b>		<b>\$323,059,988</b>	<b>\$191,861,519</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47,697,738</b>

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**SCHEV Assessment of Institutional Capital Outlay E&G Project Requests  
for Project Requests with a General Fund Component in 2018-2024**

**SCHEV Priority 1 -- These are projects that meet the Council's Fixed Asset Guidelines or are considered critical to supporting the capital outlay needs of Virginia's system of higher education. Also included in this group are projects that address ADA, security issues and infrastructure improvements for energy efficiency and mechanical, electrical and plumbing (MEP) systems.**

**(A) Projects that address ADA and security issues**

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	9(D) Debt
CWM	Improve: Access and Accessibility Infrastructure	1	Improvements-Handicapped Access	\$5,416,000	\$5,416,000	\$0	\$0	\$0
CWM	Renovate: Washington Hall	1	Improvements-Life Safety Code	\$25,050,000	\$25,050,000	\$0	\$0	\$0
CWM	Replace: Jones and Morton Halls	1	Improvements-Life Safety Code	\$52,000,000	\$52,000,000	\$0	\$0	\$0
VMI	Improvements to Post Wide Safety and Security Phase 1	1	Improvements-Other	\$5,000,000	\$5,000,000	\$0	\$0	\$0
VMI	Improvements to Post Wide Safety and Security Phase 2	1	Improvements-Other	\$10,000,000	\$10,000,000	\$0	\$0	\$0
VMI	Post Infrastructure Improvements, Part B - Supplemental Funding	1	Improvements-Life Safety Code	\$12,601,900	\$12,601,900	\$0	\$0	\$0
VMI	Renovate Old Hospital	1	Improvements-Life Safety Code	\$1,254,000	\$1,254,000	\$0	\$0	\$0
VMI	Renovate Moody Hall	1	Improvements-Other	\$13,253,500	\$13,253,500	\$0	\$0	\$0
VSU	Improve Infrastructure for Campus Safety, Security, Energy Reduction and System Reliability	1	Improvements-Infrastructure Repairs	\$7,200,000	\$6,700,000	\$500,000	\$0	\$0
VT	Address Campus Fire Alarms and Accessibility	1	Improvements-Life Safety Code	\$5,500,000	\$5,500,000	\$0	\$0	\$0
VT	Address Library Code Compliance	1	Improvements-Life Safety Code	\$5,500,000	\$5,500,000	\$0	\$0	\$0
<b>Total</b>		<b>11</b>		<b>\$142,775,400</b>	<b>\$142,275,400</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>

**(B) Projects that meet the E&G or research space need criteria**

**(B.1) Facilities that are used for E&G or combine E&G and research uses**

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	VCBA/9(D) Debt
GMU	Construct Academic VIII/Research IV	1	New Construction	\$170,004,000	\$127,503,000	\$0	\$0	\$42,501,000
GMU	Renovate Science & Tech I	1	Improvements-Other	\$68,650,000	\$68,650,000	\$0	\$0	\$0
GMU	Renovate King Hall & Construct New Addition	1	New Construction/Improvement	\$84,843,000	\$84,843,000	\$0	\$0	\$0
VT	Replace Randolph Hall	1	New Construction	\$182,500,000	\$155,125,000	\$0	\$0	\$27,375,000
<b>Total</b>		<b>4</b>		<b>\$505,997,000</b>	<b>\$436,121,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$69,876,000</b>

**(B.2) Facilities that are used for research**

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	VCBA/9(D) Debt
CWM	Construct: Population Lab	1	New Construction	\$8,514,000	\$8,514,000	\$0	\$0	\$0
VT-Ext.	Improve Center Woods Complex	1	Improvements-Infrastructure Repairs	\$5,600,000	\$5,600,000	\$0	\$0	\$0
VT-Ext.	Construct Animal Production and Livestock Facilities Phase II	1	New Construction	\$24,300,000	\$24,300,000	\$0	\$0	\$0
VT-Ext.	Construct Global System Sciences Complex	1	New Construction	\$94,400,000	\$94,400,000	\$0	\$0	\$0
<b>Total</b>		<b>4</b>		<b>\$132,814,000</b>	<b>\$132,814,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**(C) Projects that address energy efficiency and MEP infrastructure improvements**

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	VCBA/9(D) Debt
JMU	East Campus Infrastructure Phase 1	1	New Construction	\$37,000,000	\$22,200,000	\$0	\$0	\$14,800,000
ODU	Replace Koch Hall Mechanical System	1	Improvements-Energy Efficiency	\$3,380,000	\$3,380,000	\$0	\$0	\$0
UMW	Renovate Simpson Library	1	Improvements-Other	\$25,250,000	\$25,250,000	\$0	\$0	\$0
UMW	Renovate George Washington Hall	1	Improvements-Other	\$38,235,000	\$38,235,000	\$0	\$0	\$0
UMW	Renovate Fine and Performing Arts Center	1	Improvements-Infrastructure Repairs	\$21,125,000	\$21,125,000	\$0	\$0	\$0
VCCS	Renovate Stone Hall Building, Patrick Henry CC	1	Improvements-Other	\$12,676,000	\$12,676,000	\$0	\$0	\$0
VCCS	Renovate A.L. Philpott Technical Center & MET Complex Building 1, Patrick Henry CC	1	New Construction/Improvement	\$28,876,000	\$28,876,000	\$0	\$0	\$0
<b>Total</b>		<b>7</b>		<b>\$166,542,000</b>	<b>\$151,742,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,800,000</b>
<b>Total Priority 1</b>		<b>26</b>		<b>\$948,128,400</b>	<b>\$862,952,400</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$84,676,000</b>

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**SCHEV Assessment of Institutional Capital Outlay E&G Project Requests  
for Project Requests with a General Fund Component in 2018-2024 (cont.)**

**SCHEV Priority Group 1.B – These are projects that address critical state wide capital outlay needs and have compelling programmatic justifications but do not meet the space need and productivity criteria under the Council's Fixed Asset Guidelines.**

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	9(D) Debt
GMU	Renovate Enterprise Hall	1.b	Improvements-Other	\$48,680,000	\$48,680,000	\$0	\$0	\$0
NSU	Construct Interdisciplinary Science and Arts Building	1.b	New Construction	\$110,600,500	\$110,600,500	\$0	\$0	\$0
NSU	Improve Wayfinding, Vehicular Circulation, and Campus Boundary	1.b	New Construction	\$19,000,000	\$19,000,000	\$0	\$0	\$0
VCCS	Renovate and Expand Fincastle Hall, Wytheville CC	1.b	Improvements-Other	\$27,160,000	\$27,160,000	\$0	\$0	\$0
VCCS	Replace Engineering & Automotive Buildings, Alexandria Campus, Northern Virginia CC	1.b	New Construction	\$27,265,000	\$27,265,000	\$0	\$0	\$0
VCU	Oliver Hall Physical Science Wing Renovation	1.b	Improvements-Other	\$41,000,000	\$41,000,000	\$0	\$0	\$0
VMI	Renovate Cameron Hall	1.b	Improvements-Other	\$30,388,500	\$15,729,900	\$14,658,600	\$0	\$0
VSU	Renovate Gandy Hall for Centralized Student and Academic Services	1.b	Improvements-Other	\$6,400,000	\$6,400,000	\$0	\$0	\$0
<b>Total Priority 1.b</b>		<b>8</b>		<b>\$310,494,000</b>	<b>\$295,835,400</b>	<b>\$14,658,600</b>	<b>\$0</b>	<b>\$0</b>

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**SCHEV Assessment of Institutional Capital Outlay E&G Project Requests  
for Project Requests with a General Fund Component in 2018-2024 (cont.)**

SCHEV Priority 2 – These are projects that do not meet the space and productivity criteria in the Council's Fixed Asset Guidelines but have some compelling programmatic justification.

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	9(D) Debt
CWM	Construct Integrated Science Center, Phase 4	2	New Construction	\$74,916,000	\$74,916,000	\$0	\$0	\$0
CWM	Construct: Fine and Performing Arts Complex, Phase 3	2	New Construction/Improvement	\$40,100,000	\$40,100,000	\$0	\$0	\$0
CWM	Construct: Sanitary Sewer	2	Improvements-Infrastructure Repairs	\$3,479,000	\$3,479,000	\$0	\$0	\$0
CWM	Improve: Swem Library	2	Improvements-Other	\$10,715,000	\$10,715,000	\$0	\$0	\$0
CWM	Renovate: Ewell Hall	2	Improvements-Infrastructure Repairs	\$20,730,000	\$20,730,000	\$0	\$0	\$0
EVMS	Renovate Temporal Bone Lab	2	Improvements-Infrastructure Repairs	\$1,512,771	\$1,512,771	\$0	\$0	\$0
EVMS	Replace Two Hofheimer Hall Air Handling Units	2	Improvements-Infrastructure Repairs	\$835,000	\$835,000	\$0	\$0	\$0
GMU	Improve Telecommunications Infrastructure Phase 1	2	Improvements-Infrastructure Repairs	\$11,419,000	\$11,419,000	\$0	\$0	\$0
GMU	Improve Telecommunications Infrastructure Phase 2	2	Improvements-Infrastructure Repairs	\$22,915,000	\$13,267,785	\$0	\$0	\$9,647,215
GMU	Improve Telecommunications Infrastructure Phase 3	2	Improvements-Infrastructure Repairs	\$18,456,000	\$9,855,504	\$0	\$0	\$8,600,496
GMU	Renovate Campus Library, Phase II	2	Improvements-Other	\$52,386,000	\$52,386,000	\$0	\$0	\$0
JMU	Carrier Library Renovation and Addition	2	Improvements-Other	\$99,977,299	\$99,977,299	\$0	\$0	\$0
JMU	Renovate Johnston Hall	2	Improvements-Other	\$20,522,749	\$20,522,749	\$0	\$0	\$0
LU	Renovate and Expand Facilities Annex Building	2	Improvements-Other	\$15,752,000	\$15,752,000	\$0	\$0	\$0
LU	Renovate Coyner Hall	2	Improvements-Other	\$7,119,000	\$7,119,000	\$0	\$0	\$0
LU	Renovate Lankford Building	2	Improvements-Other	\$15,092,000	\$14,488,320	\$603,680	\$0	\$0
ODU	Construct a New Health Sciences Building, Phase I	2	New Construction	\$73,742,000	\$74,242,000	\$0	\$0	\$0
ODU	Construct a Student Services Building	2	New Construction	\$62,763,000	\$58,953,000	\$0	\$0	\$3,810,000
RU	Renovate/Construct Center for Adaptive Innovation and Creativity	2	Improvements-Other	\$79,000,000	\$79,000,000	\$0	\$0	\$0
UMW	Construct Fine and Performing Arts Center	2	New Construction	\$61,000,000	\$61,000,000	\$0	\$0	\$0
UMW	Dahlgren Campus Phase II	2	New Construction	\$30,414,000	\$30,414,000	\$0	\$0	\$0
UMW	Improvements to Gari Melcher's Museum	2	New Construction/Improvement	\$5,770,000	\$5,770,000	\$0	\$0	\$0
UMW	Physical Plant Renovation and Addition	2	New Construction/Improvement	\$24,725,000	\$24,725,000	\$0	\$0	\$0
UMW	Renovate Goolrick Hall	2	Improvements-Infrastructure Repairs	\$17,503,000	\$8,751,500	\$0	\$0	\$8,751,500
UVA	The Fralin Museum of Art at the University of Virginia	2	New Construction/Improvement	\$28,000,000	\$14,000,000	\$14,000,000	\$0	\$0
UVA	Thornton Hall B Wing Renovation	2	Improvements-Other	\$10,500,000	\$10,500,000	\$0	\$0	\$0
UVAW	Renovate Sandridge Science Center Lab Wing	2	New Construction/Improvement	\$32,200,000	\$32,200,000	\$0	\$0	\$0
VCCS	Construct Academic Building for Emerging and Applied Technologies/Replace Princess Anne	2	New Construction	\$41,075,000	\$41,075,000	\$0	\$0	\$0
VCCS	Construct Advanced Integrated Manufacturing (AIM) Center, Hampton Campus, Thomas Nelson	2	New Construction	\$49,704,000	\$250,000	\$0	\$0	\$0
VCCS	Construct Advanced Manufacturing and Industrial Systems Center, Portsmouth Campus, Tidewater	2	New Construction	\$33,463,000	\$250,000	\$0	\$0	\$0
VCCS	Construct Applied Technology Center/Renovate Mechanical Technology Building, Virginia Highlands	2	New Construction/Improvement	\$18,175,000	\$250,000	\$0	\$0	\$0
VCCS	Construct Automotive Tech Building/Renovate Veterinary Tech Building, Blue Ridge CC	2	New Construction/Improvement	\$17,455,000	\$250,000	\$0	\$0	\$0
VCCS	Construct Joint Use Library w Albemarle County, Piedmont Virginia CC	2	New Construction	\$20,320,000	\$250,000	\$0	\$0	\$0
VCCS	Construct New Academic (STEM) Building, Parham Road Campus, J. Sargeant Reynolds CC	2	New Construction	\$41,427,000	\$250,000	\$0	\$0	\$0
VCCS	Construct New Academic STEM Building (CN6), Chesapeake Campus, Tidewater	2	New Construction	\$47,694,000	\$250,000	\$0	\$0	\$0
VCCS	Construct New Health Sciences Center and Renovate Robb Hall, Mountain Empire CC	2	New Construction/Improvement	\$33,587,000	\$33,587,000	\$0	\$0	\$0



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**SCHEV Assessment of Institutional Capital Outlay E&G Project Requests  
for Project Requests with a General Fund Component in 2018-2024 (cont.)**

SCHEV Priority 2 – These are projects that do not meet the space and productivity criteria in the Council’s Fixed Asset Guidelines but have some compelling programmatic justification.

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	9(D) Debt
VCCS	Construct Phase I Stafford County Center, Germanna CC	2	New Construction	\$41,088,000	\$250,000	\$0	\$0	\$0
VCCS	Construct Regional Center for Transportation, Logistics, and Truck Driving, Tidewater CC	2	New Construction	\$59,443,000	\$250,000	\$0	\$0	\$0
VCCS	Construct Regional Workforce Solutions Center, Virginia Beach Campus, Tidewater CC	2	New Construction	\$38,644,000	\$250,000	\$0	\$0	\$0
VCCS	Construct STEM-H Building in the Rockbridge County Area, Dabney S. Lancaster CC	2	New Construction	\$19,356,000	\$250,000	\$0	\$0	\$0
VCCS	Renovate Academic Classroom Building (Phase II) - Glens and Warsaw, Rappahannock CC	2	Improvements-Other	\$13,959,000	\$13,959,000	\$0	\$0	\$0
VCCS	Renovate and Expand Rooker for Advanced Manufacturing and Credentialing Center, New River	2	Improvements-Other	\$44,337,000	\$44,337,000	\$0	\$0	\$0
VCCS	Renovate Brown Library Building to a Learning Resource Center, Virginia Western CC	2	New Construction/Improvement	\$24,300,000	\$24,300,000	\$0	\$0	\$0
VCCS	Renovate Franklin Campus, Paul D. Camp CC	2	Improvements-Other	\$21,592,000	\$21,592,000	\$0	\$0	\$0
VCCS	Renovate Godwin (CG) Academic Building, Annandale Campus, Northern Virginia CC	2	Improvements-Infrastructure Repairs	\$36,600,000	\$36,600,000	\$0	\$0	\$0
VCCS	Renovate Houff Student Center, Blue Ridge CC	2	Improvements-Other	\$8,656,000	\$8,656,000	\$0	\$0	\$0
VCCS	Renovate Learning Resource Center (LRC), Virginia Highlands CC	2	Improvements-Other	\$15,125,000	\$15,125,000	\$0	\$0	\$0
VCCS	Renovate Learning Resource Center, Danville CC	2	Improvements-Other	\$11,881,000	\$11,881,000	\$0	\$0	\$0
VCCS	Renovate Main Building, Daniel Campus, Southside Virginia CC	2	Improvements-Infrastructure Repairs	\$24,965,000	\$24,965,000	\$0	\$0	\$0
VCCS	Renovate Webber Hall, Virginia Western CC	2	Improvements-Other	\$20,300,000	\$20,300,000	\$0	\$0	\$0
VCCS	Renovate/Retrofit Walker Building, Norfolk Campus, Tidewater CC	2	Improvements-Other	\$19,734,000	\$19,734,000	\$0	\$0	\$0
VCCS	Replace Buchanan and Tazewell Halls, Southwest Virginia CC	2	New Construction	\$38,446,000	\$38,446,000	\$0	\$0	\$0
VCU	Humanities and Sciences Phase II, Admin and Classroom Bldg.	2	New Construction	\$35,000,000	\$35,000,000	\$0	\$0	\$0
VCU	Renovate Sanger Hall, Phase III	2	Improvements-Other	\$32,000,000	\$24,000,000	\$0	\$0	\$8,000,000
VMI	American Legion Improvements	2	Improvements-Infrastructure Repairs	\$1,240,000	\$1,240,000	\$0	\$0	\$0
VMI	Barracks Energy Efficiency Improvements 2018-2020	2	Improvements-Energy Efficiency	\$15,966,700	\$15,966,700	\$0	\$0	\$0
VMI	Construct Corps Physical Training Facility Phase 3 (Aquatic Center)	2	New Construction/Improvement	\$41,250,000	\$31,250,000	\$10,000,000	\$0	\$0
VMI	Expand Hinty Hall and Improve Lackey Park	2	Improvements-Other	\$12,736,300	\$6,877,600	\$0	\$5,858,700	\$0
VMI	Historic Preservation Improvements Phase I	2	Improvements-Other	\$3,445,800	\$130,000	\$0	\$0	\$3,315,800
VMI	Historic Preservation Improvements Phase II	2	Improvements-Other	\$5,574,800	\$5,574,800	\$0	\$0	\$0
VMI	Improvements to 309 Letcher Avenue (Admissions)	2	Improvements-Infrastructure Repairs	\$1,100,000	\$1,100,000	\$0	\$0	\$0
VMI	Renovate Cocke Hall Annex for Engineering Laboratories	2	Improvements-Other	\$20,000,000	\$20,000,000	\$0	\$0	\$0
VMI	Renovate Outdoor Running Track	2	Improvements-Other	\$1,365,500	\$1,310,880	\$0	\$0	\$0
VMI	Renovate Smith Hall	2	Improvements-Other	\$9,964,600	\$9,964,600	\$0	\$0	\$0
VMI	Virginia Museum of the Civil War Improvements	2	Improvements-Other	\$6,009,900	\$3,133,900	\$0	\$0	\$2,876,000
VSU	Construct Pedestrian Walkway on University Avenue	2	Improvements-Infrastructure Repairs	\$10,000,000	\$8,000,000	\$2,000,000	\$0	\$0
VSU	Renovate and Construct Addition to Johnston Memorial Library for Technology One Stop	2	New Construction/Improvement	\$25,235,000	\$25,235,000	\$0	\$0	\$0
VT	Construct Academic Support and Student Success Center	2	New Construction	\$14,800,000	\$14,800,000	\$0	\$0	\$0
VT	Construct Corps Leadership and Military Science Building	2	New Construction	\$49,900,000	\$29,900,000	\$7,000,000	\$0	\$13,000,000
VT	Construct Data Analytics and Decision Sciences Building	2	New Construction	\$75,000,000	\$75,000,000	\$0	\$0	\$0
VT	Construct Undergraduate Science Laboratory Building	2	New Construction	\$75,000,000	\$75,000,000	\$0	\$0	\$0
VT	Renovate Robeson Hall	2	Improvements-Other	\$44,600,000	\$44,600,000	\$0	\$0	\$0
VT	Renovate/Replace Brooks Center	2	Improvements-Infrastructure Repairs	\$6,750,000	\$6,750,000	\$0	\$0	\$0
<b>Total Priority 2</b>		<b>73</b>		<b>\$2,069,808,419</b>	<b>\$1,588,771,408</b>	<b>\$33,603,680</b>	<b>\$5,858,700</b>	<b>\$58,001,011</b>

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**SCHEV Assessment of Institutional Capital Outlay E&G Project Requests  
for Project Requests with a General Fund Component in 2018-2024 (cont.)**

**SCHEV Priority Group 3 – These are projects that do not meet the space and productivity criteria in the Council’s Fixed Asset Guidelines and have less immediate space and programmatic need.**

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	9(D) Debt
CNU	Construct and Improve: Plant Operations Building	3	New Construction/Improvement	\$5,550,000	\$5,550,000	\$0	\$0	\$0
CNU	Integrated Science Center, Phase III	3	New Construction	\$38,182,000	\$38,182,000	\$0	\$0	\$0
CWM	Construct: Facilities Maintenance Shops	3	Improvements-Infrastructure Repairs	\$11,151,000	\$11,151,000	\$0	\$0	\$0
CWM	Construct: Jamestown Place	3	New Construction	\$46,774,150	\$46,774,150	\$0	\$0	\$0
NSU	Physical Education and Athletic Building	3	New Construction	\$46,900,000	\$18,760,000	\$0	\$28,140,000	\$0
RU	Improve Campus Utilities Infrastructure Umbrella Project	3	Improvements-Other	\$10,525,000	\$10,525,000	\$0	\$0	\$0
RU	Renovate McConnell Hall	3	Improvements-Other	\$25,900,000	\$25,900,000	\$0	\$0	\$0
VCU	Classroom Building	3	New Construction	\$85,000,000	\$85,000,000	\$0	\$0	\$0
VCU	Construct Class Labs/Maker Space	3	New Construction	\$83,200,000	\$83,200,000	\$0	\$0	\$0
VCU	Efficient Office Building	3	New Construction	\$70,000,000	\$70,000,000	\$0	\$0	\$0
VCU	Health Sciences Library/Health Affairs Academic Buildnig	3	New Construction	\$85,000,000	\$85,000,000	\$0	\$0	\$0
VCU	Performing Arts/Exhibit Phase 1	3	New Construction	\$85,000,000	\$85,000,000	\$0	\$0	\$0
VCU	Performing Arts/Exhibit Phase 2	3	New Construction	\$51,300,000	\$51,300,000	\$0	\$0	\$0
VCU	Renovate Health Sciences Classrooms	3	Improvements-Other	\$8,700,000	\$8,700,000	\$0	\$0	\$0
VCU	Renovate James Branch Cabell Library	3	Improvements-Other	\$50,000,000	\$50,000,000	\$0	\$0	\$0
VCU	Renovation of McGuire Hall	3	Improvements-Other	\$51,000,000	\$33,700,000	\$0	\$17,300,000	\$0
VMI	Renovate Carroll Hall	3	Improvements-Infrastructure Repairs	\$12,330,200	\$12,330,200	\$0	\$0	\$0
VMI	Renovate Richardson Hall and Kilbourne Hall Annex	3	Improvements-Other	\$10,205,900	\$10,205,900	\$0	\$0	\$0
VMI	Renovate Shell Hall	3	Improvements-Other	\$8,513,800	\$8,513,800	\$0	\$0	\$0
<b>Total Priority 3</b>		<b>19</b>		<b>\$785,232,050</b>	<b>\$739,792,050</b>	<b>\$0</b>	<b>\$45,440,000</b>	<b>\$0</b>

**SCHEV Assessment of Institutional Capital Outlay E&G Project Requests  
for Project Requests with a General Fund Component in 2018-2024 (cont.)**

**SCHEV Priority 4 – These are nonguideline requests. Assessment is deferred.**

Institution	Request Title	SCHEV Priority	Project Type	Total Project Cost	General Fund	Nongeneral Fund	9(C) Debt	9(D) Debt
JMU	Blanket Property Acquisition	4	Acquisition	\$3,000,000	\$0	\$3,000,000	\$0	\$0
<b>Total Priority 4</b>		<b>1</b>		<b>\$3,000,000</b>	<b>\$0</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>