



Six Year Capital Plan 2014 -20

Finance, Investment and Property Committee

May 10, 2013

- As part of the Commonwealth's biennial budget process, the University prepares a six-year projection of capital outlay needs.
- The Governor evaluates the University's projected capital outlay needs and incorporates his recommendations into the Executive Budget for consideration by the 2014 General Assembly.
- Today's presentation includes an overview of the projects included in the entire six-year plan and highlights the projects included in the first biennium of the plan. Based on state agency review of the 2014-2016 projects, more detailed information will be submitted to the Commonwealth later this summer.

- \$933.5 million in state support for higher education capital construction was authorized by the 2013 General Assembly. Debt to finance the projects is to be issued over 4 years. The University should receive \$134 million of state support for its capital program, including \$56 million for the Virginia Treatment Center for Children.
- VCU's 2014-2016 General Fund request is \$290.1 million. Non general fund requests total \$251.2 million, bringing the total request to \$541.3 million.
- Deferred E & G maintenance at the University totals approximately \$220 million, resulting in a Facilities Condition Index of 21 percent. Maintenance Reserve funding of about \$5 million per year has now been reduced to about \$2.6 million per year.

	<u>2012-18 Plan</u>	<u>2014-20 Plan</u>
Maintenance Reserve	\$ 30.6 Million	\$ 30.0 Million
Renovation	209.8 Million	202.4 Million
New Construction	531.1 Million	1,752.7 Million
Total	\$778.7 Million	\$1,985.1 Million

Significant growth in the new plan due to the update of the Master Plan



2014-2020 Plan Compared to Previous Plan

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Maintenance Reserve funds are used to replace major building systems, and to bring our buildings up to the appropriate level required by the Building Codes. Additionally, Maintenance Reserve funds are used for:
 - ✓ Life and Fire Safety – Provides for retrofit installation of fire detection, alarm, and suppression systems.
 - ✓ Americans with Disabilities Act (ADA) – Provides ramps/lifts for ingress/egress, accessible toilet facilities, water fountains, necessary to meet accessibility requirements.



VCU

Emphasis on Maintenance, Renovation and Renewal

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Highest priority to high occupancy facilities and/or those with the most significant maintenance deficiencies.
- Major buildings are identified for renovation as they approach the design life of 25-30 years. Franklin Street properties are maintained with cyclic renovations.
 - ✓ Sanger Hall, Randolph-Minor Hall, Wood/Lyons Dentistry Buildings, and West Hospital.
 - ✓ Raleigh Building, Oliver Hall, Founders Hall, and the Singleton Center for the Performing Arts.



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Emphasis on Maintenance, Renovation and Renewal

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- Expansion and upgrading of research space remains a priority to meet our continuing growth in research dollars.
 - ✓ New School of Allied Health Professions and Sanger Hall Laboratory renovations.
 - ✓ Science, Technology, Engineering, and Mathematics (STEM) research buildings on each campus.
 - ✓ Two new MCV Campus research buildings and a new School of Pharmacy building.
 - ✓ Life Sciences Center and Oliver Hall Renovation
 - ✓ Rice Center Research and Overnight Facilities



Support for construction and renovation
of research and research support space

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- Ensuring that student facilities continue to expand to meet the long-term enrollment goal of the University.
 - ✓ Student Housing – 500 Academic Centre housing, High Rise Housing, BrandCenter Block Housing, Cabaniss Hall Replacement, Ackell Residence Center expansion.
 - ✓ Student Services – Student Commons Addition, Student Health, Counseling and Wellness Center, and MCV Student Affairs Building.
 - ✓ Parking - MCV “I” Lot Parking Deck, Expansion of Main Street Parking Deck, 500 Centre Parking Deck and MCV Underground Parking.
 - ✓ Athletics – Siegel Center Upgrades, Indoor/Outdoor Playing Fields and a Tennis Competition Facility.



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Student Support Facilities (housing, parking, athletics)

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Acquire land for athletic indoor/outdoor fields.
- Continue acquisition of appropriate Grace, Broad, Harrison, Cary, Main Street corridor properties, and other strategic properties within the Master Plan boundaries as they become available and as funding permits.
- Continue beautification and streetscapes development creating a sense of campus.

Projects by Category and Biennium (Dollars in Millions)

	<u>2014-16</u>	<u>2016-18</u>	<u>2018-20</u>	<u>Total</u>
Maintenance Reserve	\$ 10.0	\$ 10.0	\$ 10.0	\$ 30.0
Renovation	59.5	35.0	107.9	202.4
New Construction	471.8	662.3	618.6	1,752.7
Total	\$541.3	\$707.3	\$736.5	\$1,985.1

Projects by Fund Source and Biennium (Dollars in Millions)

	<u>2014-16</u>	<u>2016-18</u>	<u>2018-20</u>	<u>Total</u>
General Fund	\$290.1	\$261.0	\$411.7	\$962.8
Revenue Bonds	232.7	445.3	323.8	1,001.8
FACR	1.0	1.0	1.0	3.0
Private Gifts	5.0	-	-	5.0
VCUHS	12.5	-	-	12.5
Total	\$541.3	\$707.3	\$736.5	\$1,985.1

Following is a brief description of projects requested for the 2014-2016 Biennium. The description of each project includes its purpose, cost and source of funds proposed for financing. Also included are photographs of the buildings or condition that the projects are intended to address.



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Projects Requested for 2014-2016

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VIRGINIA COMMONWEALTH UNIVERSITY

**Virginia Commonwealth University
2014-20 Six-Year Capital Plan
2014-16 Biennium**

General Fund Priority	Project	General Fund	Nongeneral Fund		Total
			Cash	Debt	
Governor's Six-Year Plan:					
	Cabell Library Information Commons	\$ 52,415,563	\$ -	\$ -	\$ 52,415,563
	Sanger Hall Renovations Phase II	17,554,000	-	6,755,000	24,309,000
	Raleigh Building Renovation	8,421,000	-	-	8,421,000
	Total	\$ 78,390,563	\$ -	\$ 6,755,000	\$ 85,145,563
VCU Six-Year Plan:					
1	Maintenance Reserve	\$ 9,000,000	\$ 1,000,000	\$ -	\$ 10,000,000
2	School of Allied Health Professions	60,000,000	-	-	60,000,000
3	STEM-H1 Building (Biotech Block)	41,800,000	-	41,800,000	83,600,000
4	STEM Research Building	54,000,000	-	18,000,000	72,000,000
5	School of Education Building	50,000,000	-	-	50,000,000
6	STEM-H2 Building (Biotech Block)	41,800,000	-	41,800,000	83,600,000
7	Oliver Hall Renovation	33,500,000	-	-	33,500,000
NGF Priority					
1	Student Housing	-	-	36,400,000	36,400,000
2	HLot Parking Deck	-	12,500,000	12,500,000	25,000,000
3	Randolph-Minor Renovation	-	5,000,000	-	5,000,000
4	Athletics Indoor/Outdoor Fields	-	-	20,300,000	20,300,000
5	Siegel Center Upgrades	-	-	12,000,000	12,000,000
6	Main Street Deck Expansion	-	-	5,600,000	5,600,000
7	Rhoads Hall Renovation	-	-	9,000,000	9,000,000
8	Student Health, Counseling and Wellness	-	-	20,000,000	20,000,000
9	Ackell Housing Expansion	-	-	15,300,000	15,300,000
2014-16 Total		\$ 290,100,000	\$ 18,500,000	\$ 232,700,000	\$ 541,300,000



2014-16 Biennium Request

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This project is comprised of an 82,000 SF addition coupled with renovations of 80,000 SF. This is the first addition of library space since opening Cabell Library in 1970. The addition will provide group study rooms, on-line reference materials, audio-visual conferencing and distance learning facilities. This project is included in the Governor's Six-Year Plan.

- Cost: \$52.4 Million
- Fund Source: General Fund



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Cabell Library Information Commons

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- Purpose: This is Phase II of a four phase, \$75 million project to complete a floor-by-floor renovation of the research space in Sanger Hall. Built in the late 1960's the building needs to be modernized to meet current research standards. This phase will fund the next four floors, or about 40,000 SF. This project is included in the Governor's Six-Year Plan.

- Cost: \$ 24.3 Million

- Fund Sources:

General Fund	\$17.55 Million
University Debt	\$ 6.75 Million



Sanger Hall Renovations Phase II

Make it real.

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- Purpose: This project will renovate the recently vacated circa 1908 Raleigh Building. Following the renovation, the 26,000 SF building will be used primarily for faculty offices of the Wilder School.
- Cost: \$8.4 Million
- Fund Source: General Fund



Raleigh Building Renovation

Make it real.

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- Purpose: Maintenance Reserve is a program through which the state funds repair or replacement of major systems (HVAC, roofing, plumbing, electrical, etc.) in buildings. Each biennium, the University identifies projects which are appropriately funded through this program. The \$10 million identified here will be added to the list awaiting funding. Maintenance Reserve is always the first priority in any given biennium.

- Cost: \$ 10.0 Million

- Fund Sources:

General Fund	\$9.0 Million
FACR*	\$1.0 Million

* Facilities Administrative Cost Recovery



GF Priority 1 - Maintenance Reserve

Make it real.

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- Purpose: A 120,000 SF building that will consolidate the 11 Allied Health Professions programs into one building. The building will be located on Leigh Street where the low rise dormitories are presently located.
- Cost: \$60.0 Million
- Fund Source: General Fund



MCV Campus



GF Priority 2 – School of Allied Health

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: The first of two phases for a STEM-H building . This phase will be 126,000 SF, including 20,000 SF of vivarium space. The building will be located on the BioTech superblock currently owned by the Virginia Biotechnology Park. This facility could be developed in several ways, including a joint development with the BioTech Park.

- Cost: \$83.6 Million

- Fund Source: \$41.8 General Fund
\$41.8 Revenue Bond



MCV Campus



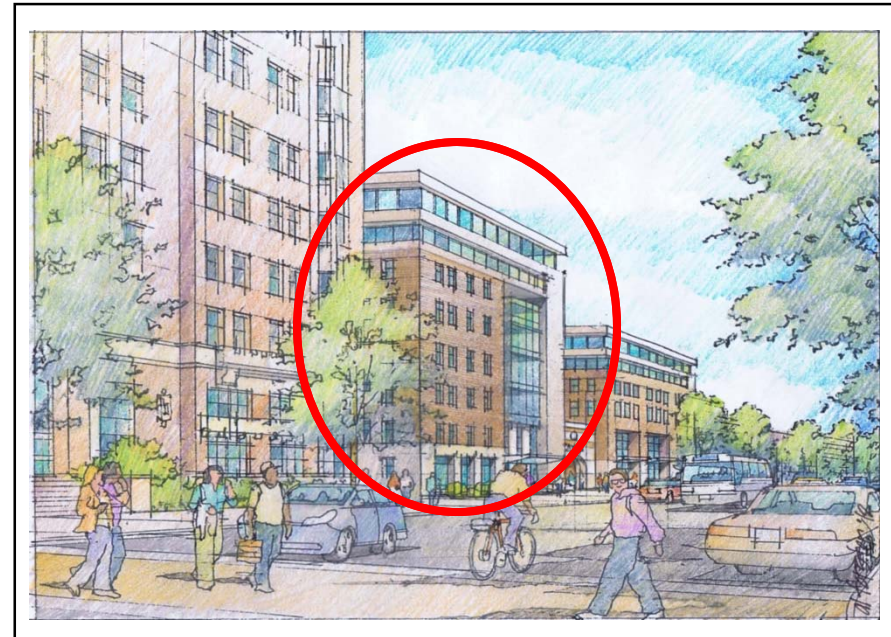
VCU

GF Priority 3 – STEM-H1 Research Building

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: A 120,000 SF building that will house STEM research and teaching labs. The building will be located on the site presently occupied by the Franklin Street Gym.
- Cost: \$72.0 Million
- Fund Source: \$54.0 General Fund
\$18.0 Revenue Bond



Monroe Park Campus



VCU

GF Priority 4 – STEM Research Building

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: A 120,000 SF building that will consolidate the School of Education programs. The building will be located at the corner of Belvidere and Grace Streets.
- Cost: \$50.0 Million
- Fund Source: General Fund



Monroe Park Campus



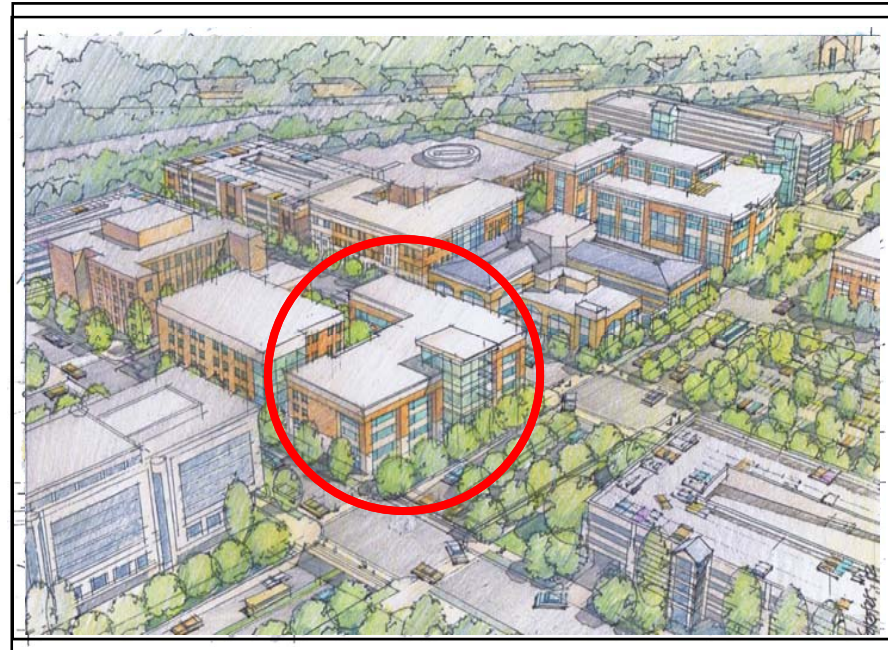
GF Priority 5 – School of Education

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: The second of two phases for a STEM-H building . This phase will be 126,000 SF, including 20,000 SF of vivarium space. The building will be located on the BioTech superblock currently owned by the Virginia Biotechnology Park. This facility could be developed in several ways, including a joint development with the BioTech Park.

- Cost: \$83.6 Million
- Fund Source: \$41.8 General Fund
\$41.8 Revenue Bond



MCV Campus



VCU

GF Priority 6 – STEM-H2 Research Building

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This 67,000 SF project updates the existing electrical, plumbing and mechanical services. It also includes renovation the space vacated by the School of Education into Life Sciences labs and classrooms.
- Cost: \$33.5 Million
- Fund Sources: General Fund



Monroe Park Campus



GF Priority 7 – Oliver Hall Renovation

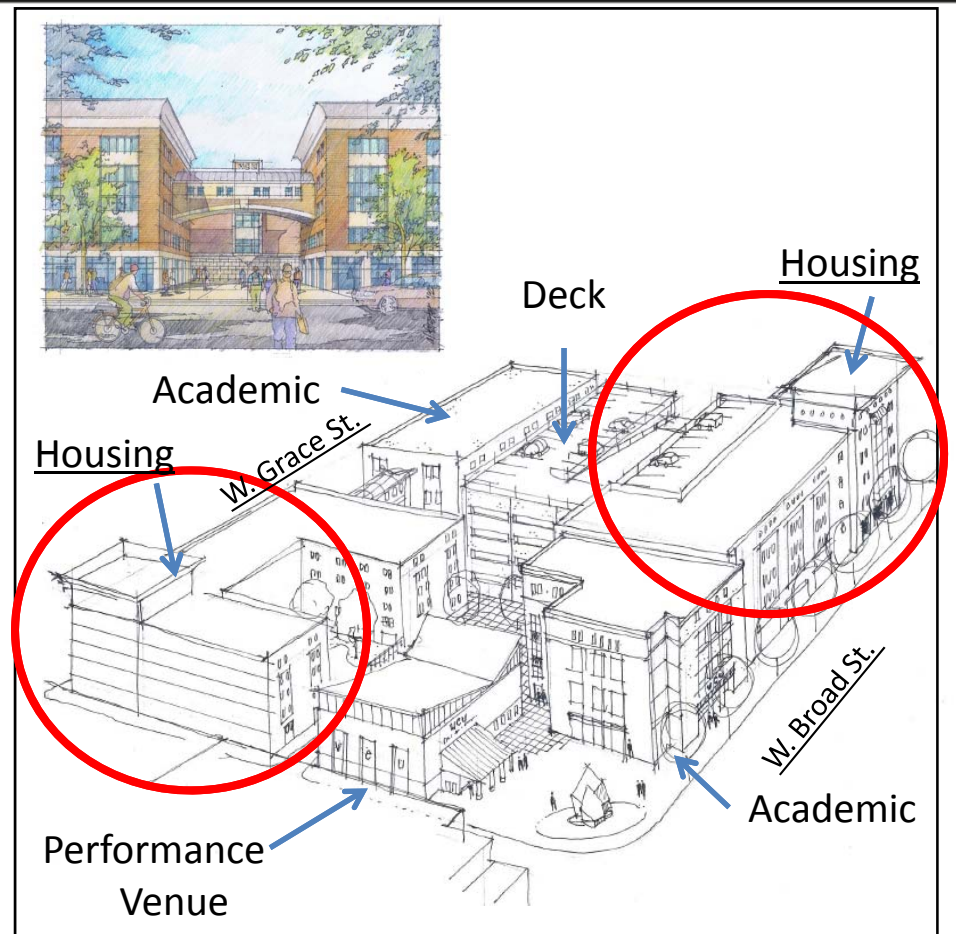
Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This projects consists of two separate student housing buildings located on the 500 Academic Centre block. The building at the corner of Harrison and Grace Streets will have 250 beds and have a STEM living learning emphasis. The building at Broad and Ryland will have about 170 beds and have a leadership living learning emphasis.

- Cost: \$36.4 Million

- Fund Sources: Revenue Bond



Monroe Park Campus



NGF Priority 1 – Student Housing

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This 1,250 car parking deck will allow for consolidation of off campus parking into one location. Currently there are about 500 leased spaces in Shockoe Bottom, and these parkers will be relocated to the new deck.

- Cost: \$25.0 Million

- Fund Sources:

Revenue Bond	\$12.5 Million
VCUHS	\$12.5 Million



MCV Campus



NGF Priority 2 – I Lot Parking Deck

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This project renovates the building after the School of Allied Health's clinical sciences program moves to its new building. The space will be used by Massey Cancer Center and MCV Foundation.
- Cost: \$5.0 Million
- Fund Sources: Private Gifts



MCV Campus



NGF Priority 3 – Randolph Minor Renovation

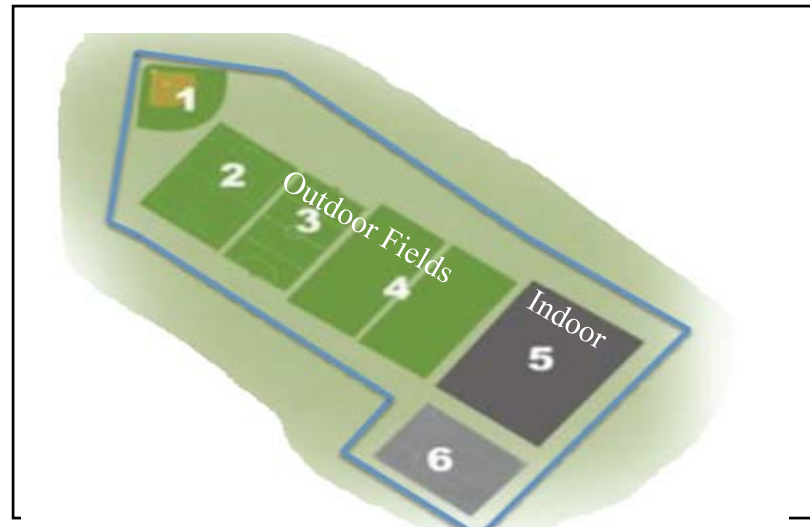
Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This project provides a multi-sport indoor practice facility, four outdoor practice fields, a baseball infield practice field, and parking.

- Cost: \$20.3 Million

- Fund Sources: Revenue Bond



Monroe Park Campus



VCU NGF Priority 4 – Athletics Indoor/Outdoor Fields

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This project updates the Siegel Center, including additional premium seating, snack bars, scoreboard, and merchandise sales.
- Cost: \$12.0 Million
- Fund Sources: Revenue Bond



Monroe Park Campus



VCU

NGF Priority 5 – Siegel Center Upgrades

Make it real.

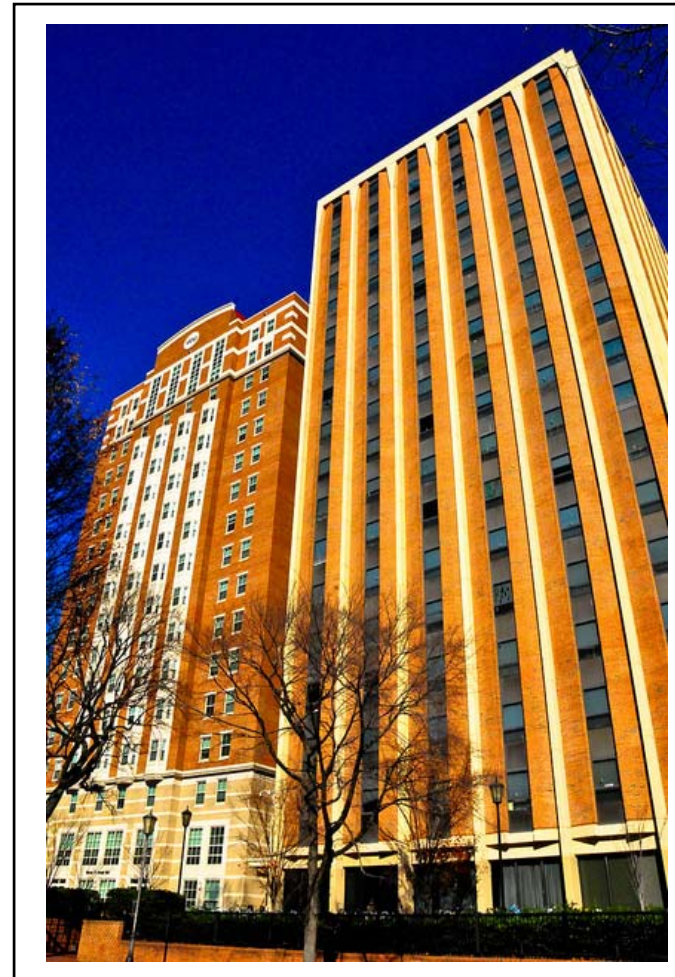
VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This project adds 258 parking spaces around the perimeter of the existing deck, and will offset the loss of surfaces lot spaces due to other projects.
- Cost: \$5.6 Million
- Fund Sources: Revenue Bond



Monroe Park Campus

- Purpose: This project updates the existing plumbing and water systems by renovating the original common bathroom facilities on all 18 floors of Rhoads Hall.
- Cost: \$9.0 Million
- Fund Sources: Revenue Bond



Monroe Park Campus



VCU

NGF Priority 7 – Rhoads Hall Renovation

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

- Purpose: This 40,000 SF project consolidates the student health, wellness, and counseling services into one building that is centrally located on the campus.
- Cost: \$20.0 Million
- Fund Sources: Revenue Bond



Monroe Park Campus



- Purpose: This project will add 180 beds to the Ackell Student Housing facility on W. Broad Street. The units will be apartment style 2 and 4 bedroom to match the existing building layout.
- Cost: \$15.3 Million
- Fund Sources: Revenue Bond



Monroe Park Campus



NGF Priority 9 – Ackell Housing Expansion

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

**Virginia Commonwealth University
2014-20 Six-Year Capital Plan
2016-18 Biennium**

Priority	Project	General Fund	Nongeneral Fund		Total
			Cash	Debt	
1	Maintenance Reserve - Estimate	\$ 9,000,000	\$ 1,000,000	\$ -	\$ 10,000,000
2	College of Humanities and Sciences	24,000,000	-	-	24,000,000
3	West Hospital Renovation	35,000,000	-	-	35,000,000
4	School of Pharmacy (Public Safety Block)	70,000,000	-	70,000,000	140,000,000
5	Underground Parking (Public Safety Block)	-	-	16,300,000	16,300,000
6	School of Engineering Expansion - West	-	-	62,600,000	62,600,000
7	Life Sciences II	32,500,000	-	32,500,000	65,000,000
8	School of Business Conference Center	-	-	65,000,000	65,000,000
9	Rice Center Research Facility	-	-	6,300,000	6,300,000
10	Residential High Rise Housing	-	-	45,500,000	45,500,000
11	Student Commons Addition	-	-	12,100,000	12,100,000
12	Research Building (Public Safety Block)	36,700,000	-	36,700,000	73,400,000
13	Student Affairs (Public Safety Block)	-	-	40,800,000	40,800,000
14	Research Building (Low Rise Block)	53,800,000	-	53,800,000	107,600,000
15	Rice Center Overnight Facilities	-	-	3,700,000	3,700,000
2016-18 Total		\$ 261,000,000	\$ 1,000,000	\$ 445,300,000	\$ 707,300,000



2016 – 2018 Biennium

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

Project Descriptions Priority

1. **Maintenance Reserve (Estimate)** – The Maintenance Reserve program provides funds for major maintenance, repair, and replacement of building systems and campus infrastructure. The projects identified by the University become part of the backlog of maintenance projects maintained by the State Department of Planning and Budget. Funding recommendations are developed by the State Council of Higher Education for Virginia based on relative deficiencies throughout public higher education in Virginia. The University's current backlog of maintenance is \$220 million.
2. **College of Humanities and Sciences** - The College of Humanities and Sciences is the university's largest academic unit and is VCU's only College. Current administrative facilities for the College are inadequate, inefficient and do not reflect the significance and importance of the College within the university's academic environment. This project constructs academic administrative space for the Office of the Dean and related academic support facilities for the College. Redevelopment of the present Franklin Street Gym site will allow for construction of this 60,000 square foot facility to provide adequate space and enhance the identity of the College.
3. **West Hospital Renovations** -West Hospital was constructed as a 17 story clinical facility in 1941 and presently serves as administrative and office space for the MCV Campus. The university can continue to use this facility for contemporary purposes only if cost effective renovations are made to extend the useful life of the facility. This project renovates current space and replaces major building systems including elevators and mechanical systems. This project will allow for continued building use into the foreseeable future.. The building will continue to be used for office and administrative support space.
4. **School of Pharmacy (Public Safety)** - This is a request to provide a modern replacement facility for the programs and activities of the School of Pharmacy on the University's MCV Campus. The present School of Pharmacy building does not adequately support the school's mission or research objectives. The site of the Blackwell-Smith building will be redeployed for VCU Health System use based on the Master Plan. Accordingly, this project relocates the School of Pharmacy from its current location at 12th and Clay Street to the City's Public Safety Building site. It provides the School with needed space for instructional and research purposes and includes a vivarium.
5. **Underground Parking (Public Safety Site)** - This project constructs underground parking on the Public Safety building site for approximately 200 vehicles. Parking on this site allows the university to take advantage of the existing site topography to introduce parking which is easy to access from the edge of the MCV Campus – thus requiring fewer vehicles into and through campus thereby reducing congestion and supporting a more pedestrian friendly environment. This project increases the campus parking inventory and supports new development proposed for the Public Safety Building site.



2016-2018 Biennium

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

Project Descriptions Priority

6. **School of Engineering Expansion West** - Two sites are identified in the university Master Plan to accommodate future growth of the School of Education. This project provides new construction on the western-most site to accommodate additional research and instructional space in support of the university's strategic plan and strategic objectives of the School of Education. The project includes over 18,000 GSF of vivarium space.
7. **Life Sciences II** - This project allows for a new 130,000 square foot research and teaching facility for the Life Sciences. The new building will include wet labs, classrooms, , and faculty and administrative space. The new building will be located on the site of the present outdoor tennis facility adjacent to the Trani Life Sciences and Temple buildings.
8. **School of Business/Conference Center** - The continued development of the Monroe Park Campus Addition includes new instructional space for the School of Business. A conference center incorporated into the facility will serve the continuing education, training and outreach mission of the university. The new building will provide state-of-the-art facilities including classrooms, multi-media conferencing and teaching facilities, and faculty and administrative space. It will be connected to the present School of Business building with an overhead skyway.
9. **Rice Center (Research Facility)** - The VCU Rice Center for Environmental Life Sciences is located on the James River approximately 25 miles southeast of Richmond. It functions as a living laboratory for the environmental sciences and is headquarters for the Virginia Rivers initiative. The Rice Center development plan capitalizes on previously developed areas of the property to support low-intensity facilities to for field research and educational programs. This project increases the opportunity to conduct and expand on-site research. This facility is identified in the Rice Center development plan and is consistent with university strategic objectives related to research.
10. **Residential High Rise Housing** - VCU desires to increase the number of on-campus student housing opportunities enrich enriching student life experiences, improve retention and graduation rates and improve campus safety and security. Additionally, approximately 400 undergraduate student-beds are to be relocated from the MCV Campus to the Monroe Park Campus. This project includes the development of land on the corner of Grace and Laurel Streets to allow for new high-rise construction of a new living-learning community for approximately 650 undergraduate students; split approximately 390 beds freshmen, and 260 beds for upper class students.



2016-2018 Biennium

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

Project Descriptions Priority

11. **Student Commons Addition** - As the Monroe Park Campus increases on-campus student housing, student use and program demand will also be placed on the University Commons. This project expands and renovates the Student Commons providing additional ballroom space to accommodate space for approximately 600-seated dinner guests and improved facilities for campus life. It is proposed that this project incorporate new and expanded space for the Career Center.
12. **Research Building (Public Safety Building Block)** - Additional research space is required for Biomedical research and in support of the university's strategic plan initiatives. The redevelopment of the Public Safety building site allows for expansion of the MCV Campus to meet future needs. This request is for a 122,400 SF, 4-story, state-of-the science bio-medical research facility. The laboratory design will be flexible to support future research and to insure the extended life of the facility.
13. **Student Affairs (Public Safety Building Site)** - Student services for the MCV Campus are currently disbursed and compete with administrative and instructional uses within academic buildings. The university proposes acquisition of the Public Safety Building site adjacent to the present MCV Campus for redevelopment in support health science initiatives. This proposal includes the re-opening of Clay street between 9th and 10th Streets in downtown Richmond. This redevelopment proposal for the Public Safety building site also allows for additional space, fronting on the re-opened Clay Street, to support campus life and amenities, student affairs programming, and ground floor retail.
14. **Research Building (Low Rise Block)** - Redevelopment of Bear, Rudd, Warner and McRae Halls site provides new programming space for the MCV Campus to accomplish integrated Health Sciences Research. This request is for a 179,400 SF, 4-story research facility to provide, state-of-the science biomedical research labs and support space. The laboratory design will be flexible to support future research and to insure the extended life of the facility.
15. **Rice Center Overnight Facilities** - The 5,000-square-foot Weyanoke Lodge provides accommodations for 25 to 30 visiting researchers, students and other groups to stay at the center for days or weeks, conducting research or participating in educational programs. The building will greatly increase the center's opportunities for securing external funding for summer student programs that require overnight facilities. Building elements include bunk rooms and private sleeping accommodations as well as kitchenette, dining and meeting spaces.



2016-2018 Biennium

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

**Virginia Commonwealth University
2014-20 Six-Year Capital Plan
2018-20 Biennium**

Priority	Project	General Fund	Nongeneral Fund		Total
			Cash	Debt	
1	Maintenance Reserve - Estimate	\$ 9,000,000	\$ 1,000,000	\$ -	\$ 10,000,000
2	Academic Building 1 - 500 Center Block	16,000,000	-	-	16,000,000
3	Parking Garage - 500 Center Block	-	-	5,600,000	5,600,000
4	School of Dentistry Addition	12,500,000	-	12,500,000	25,000,000
5	School of Dentistry Renovation - Wood/Lyons	30,000,000	-	30,000,000	60,000,000
6	School of Engineering Expansion - East	-	-	47,000,000	47,000,000
7	Oliver Hall Expansion	17,000,000	-	-	17,000,000
8	Classroom Building	53,000,000	-	-	53,000,000
9	Research Building - Biotech Block	60,000,000	-	60,000,000	120,000,000
10	Academic Building 2 - 500 Center Block	14,000,000	-	-	14,000,000
11	Tennis Competition Facility	-	-	14,000,000	14,000,000
12	Performance Venue - 500 Center Block	-	-	47,000,000	47,000,000
13	Residential - BrandCenter Block	-	-	17,000,000	17,000,000
14	Founders Hall Renovation	3,500,000	-	-	3,500,000
15	Singleton Center Renovation	17,000,000	-	-	17,000,000
16	Replacement of West Hospital	113,000,000	-	113,000,000	226,000,000
17	Residential - Cabaniss Hall Replacement	-	-	17,000,000	17,000,000
18	Sanger Hall Renovations Phase III	19,728,000	-	7,672,000	27,400,000
2018-20 Total		\$ 364,728,000	\$ 1,000,000	\$ 370,772,000	\$ 736,500,000
2014-20 Total		\$ 915,828,000	\$ 20,500,000	\$ 1,048,772,000	\$ 1,985,100,000



2018-2020 Biennium

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

Project Descriptions Priority

1. **Maintenance Reserve (Estimate)** - The Maintenance Reserve program provides funds for major maintenance, repair, and replacement of building systems and campus infrastructure. The projects identified by the University become part of the backlog of maintenance projects maintained by the State Department of Planning and Budget. Funding recommendations are developed by the State Council of Higher Education for Virginia based on relative deficiencies throughout public higher education in Virginia. The University's current backlog of maintenance is \$220 million.
2. **Academic Building 1 (500 Centre Block)** - Land owned by the university on the 500 block of north Harrison Street provides the only comprehensive opportunity for mixed use development on the Monroe Park Campus. Proposed redevelopment of this site incorporates 100,000 square feet of new construction for academic programs and instructional space, new living learning communities, open space and parking. Construction of ground floor retail space is included within this concept. This project provides for 40,000 square feet of new academic space to house projected increases in faculty hiring and additional classroom and instructional space.
3. **Parking Garage (500 Centre Block)** - Land owned by the university on the 500 block of north Harrison Street provides the only comprehensive opportunity for mixed use development on the Monroe Park Campus. Proposed redevelopment of this site incorporates 100,000 square feet of new construction for academic programs and instructional space, new living learning communities, open space and parking. Construction of ground floor retail space is included within this concept. Redevelopment of the 500 block of North Harrison Street also provides the opportunity for structured parking for approximately 200 cars in support of programmatic activities located on this site.
4. **School of Dentistry Addition** - The School of Dentistry is presently housed in adjacent facilities providing patient care, instruction and research throughout the entire complex. Patient care is complicated by space constraints and inefficient layout of the existing buildings. This addition to the existing School of Dentistry buildings will provide a new facility for patient care and clinical practice. This facility will be located on the McGuire Annex site adjacent to the present Woods memorial Building.
5. **School of Dentistry Renovation (Woods/Lyons)** - This project renovates the Wood and Lyons buildings to improve operational efficiency and support academic and research needs. The Wood Memorial Building, built in 1953, and the Lyons Building was built in 1969. Both house clinics administrative and academic offices, labs and instructional space. No comprehensive renovation has occurred in these facilities and service delivery is compromised by space constraints and inefficient layout of the current buildings. This project proposes substantial renovation clinics, offices, laboratories, and support units of the School of Dentistry, as well as classrooms and lecture halls to make both facilities functional into the future. The scope of this project includes making all renovated research labs and adjacent restrooms accessible.



2018-2020 Biennium

Make it real.

VIRGINIA COMMONWEALTH UNIVERSITY

Project Descriptions Priority

6. **School of Engineering Expansion East** - Two sites are identified in the university Master Plan to accommodate future growth of the School of Education. This project provides new construction on the eastern-most site to accommodate additional research and instructional space in support of the university's strategic plan and strategic objectives of the School of Education. Emphasis on research requires new academic and laboratory space for the School of Engineering.
7. **Oliver Hall Expansion** - The master plan identifies the southwest quadrant of the Monroe Park Campus for expansion and consolidation of undergraduate science programs. This location recognizes the synergy supplied by the Trani Life Sciences Building and the current Oliver Hall Science Wing. This project provides an addition to the present Oliver Hall increasing academic and instructional space in support of science education in this southwest quadrant.
8. **Classroom Building** - This project is for construction of a building to serve as a second major classroom facility and faculty/staff administrative space for the university's Monroe Park Campus. The new building will provide a total of approximately 120,000 gross square foot, four story structures to house general purpose classrooms, and faculty and administrative office space. This project is located adjacent to the Academic Learning Commons and the Cabell Library addition.
9. **Research Building (Bio-Tech Block)** - Redevelopment of the Public Safety building site by the university will result in new buildings in support of health sciences and research. This project develops portions of the site to construct additional capacity in support of biomedical research to include wet laboratories and support space.
10. **Academic Building 2 (500 Centre Block)** - Land owned by the university on the 500 block of north Harrison Street provides the only comprehensive opportunity for mixed use development on the Monroe Park Campus. Proposed redevelopment of this site incorporates 100,000 square feet of new construction for academic programs and instructional space, new living learning communities, open space and parking. Construction of ground floor retail space is included within this concept. The second of two projects for academic space in the proposed phased redevelopment of the 500 block of North Harrison Street, this project provides for 28,000 square feet of new construction of new academic space to house projected increases in faculty hiring and additional classroom and instructional space.



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11. **Tennis Competition Facility** - This project will supply a state-of-the-art, modern Tennis Center to improve the University's tennis facilities and support athletics and recreation. Spaces in the building include 6 indoor (hard surface) courts, locker rooms, spectator viewing space, athlete's lounge and classroom space. There will also be twelve outdoor (hard surfaced) courts.
12. **Theatre (500 Centre Block)** - Land owned by the university on the 500 block of north Harrison Street provides the on comprehensive opportunity for mixed use development on the Monroe Park Campus. Proposed redevelopment of this site incorporates 100,000 square feet of new construction for academic programs and instructional space, new living learning communities, open space and parking. Construction of ground floor retail space is included within this concept. Included within the phased redevelopment of the 500 block of North Harrison this facility provides a performance venue for the School of the Arts proximate to structured parking for theatre patrons. The facility will be built to accommodate an audience of approximately 300.
13. **Residential (Brand Center Block)** - The continued and phased development of the Monroe Park Campus Addition allows for new housing for approximately 200 undergraduate students. This project provides the option of dedicated Greek housing on campus.
14. **Founders Hall Renovation** - The renovation and renewal of Founders Hall will accommodate university administrative and academic support office space. Renovations include repair or replacement of major building systems and replacement of windows, floor finishes, wall and ceiling finishes, and, modernization of the elevator and general updating of the facility.
15. **Singleton Center Renovation** - The heavily used Singleton Center is in need of renovation and renewal to accommodate on-going performances and for use by the School of the Arts.
16. **Replacement of West Hospital** - West Hospital is located strategically in the clinical core of the MCV Campus and presently serves as an administrative and office facility. However, the present 1941 building cannot be effectively renovated to serve the long term needs of the campus. Over time, development of other capital projects on the MCV Campus will allow the university to pursue a long-term strategy for redevelopment of the West Hospital site to support a new facility to support a mix of academic and research activities. Distinctive physical elements from the existing structure will be incorporated in to the construction of the new building. West Hospital has long been a landmark symbol for the MCV Campus. The new building should be a similarly distinguished landmark piece of architecture, marking the gateway presence and spirit of the MCV Campus on Broad Street.



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17. **Residential (Cabaniss Hall)** - A recent student market study identified a modest requirement for the university to provide suitable housing for graduate and professional students on the MCV Campus. Redevelopment of the Cabaniss Hall site provides for the construction of on-campus housing of approximately 200 graduate and professional students in a facility purpose built for students in this stage of their academic career.
18. **Sanger Hall Renovations Phase III.** This request is the third phase of a four-phase project to upgrade instructional and research laboratories in Sanger Hall. Sanger Hall is the largest instructional and research facility at VCU, and provides the core teaching space for many of the health-science related disciplines. Each of the four phases involves renovating 48,687SF (approximately 3 floors). Spaces on these floors include laboratories, classrooms and offices. The scope includes reconfiguration and modernization of spaces and upgrades to environmental building systems. The existing research labs and rest rooms in Sanger Hall are not completely A.D.A. compliant. The scope of this project includes making all renovated research labs and adjacent toilet rooms accessible.



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