

## **Capital Outlay Plan for 2020-2026**

### **JOINT FINANCE AND RESOURCE MANAGEMENT COMMITTEE AND BUILDINGS AND GROUNDS COMMITTEE**

**March 11, 2019**

#### Background:

The university prepares an updated Six-Year Capital Outlay Plan (Plan) every two years as part of its normal planning and budgeting processes. The Plan is a critical component of positioning the university for state support of Educational and General capital projects and for advancing high priority projects that may be funded entirely with nongeneral fund resources. The next state capital outlay plan will be for the 2020-2026 period and will be established in the 2020 budget session of the General Assembly. Traditionally, the state requires each institution to submit a capital plan in June of the year before a new biennium begins. Based on that timetable, a plan from the university for 2020-2026 will be due to the state in June of 2019. At this time, the state has not yet provided instructions or specific guidance for the development of a plan.

In preparation for the 2020-2026 Plan submission to the state, the Finance division coordinates a process to develop a listing of high priority projects for the planning period. The process includes the following major phases:

1. Identify a comprehensive list of space and facility needs, (shown in Appendix 1);
2. Develop potential solutions for each need;
3. Filter out solutions that do not meet the capital project threshold, must be deferred for further feasibility study, and/or logistically exceed the six-year planning period;
4. Consolidate the list of solutions for duplication and package the solutions into capital projects;
5. Organize the list of projects into a subset for General Fund requests that must be submitted to the state for budget consideration and a subset for entirely nongeneral fund projects that may be authorized by the Board of Visitors;
6. Rank the General Fund list in priority order for funding based on strategic impact and funding potential; and
7. Review the list internally with university leadership for presentation to the Board of Visitors.

The prioritized rankings of General Fund projects for both the University Division and the Cooperative Extension/Agricultural Experiment Stations (CE/AES) agencies of Virginia Tech are shown in Attachment A, and projects that call for entirely nongeneral fund support are listed in Attachment B.

### General Fund Requests, Attachment A:

The highest priority projects requesting General Fund resources are listed under each division of Virginia Tech in their priority order, which reflects the strategic priorities of Virginia Tech and state priorities as understood at this time. The total dollar value of the list exceeds projected resources likely to be allocated to Virginia Tech during the planning period. By including a variety of high priority needs in the listing, the university ensures it has the flexibility to adapt to various state capital funding programs that may emerge over the upcoming 12 months.

The state requires that an institution's Board of Visitors review and approve projects prior to their submission in the state budget process. Because the submission date to the state may occur before the June 2019 Board of Visitors meeting, the university is seeking the review and approval of the list of potential projects for inclusion in its submission to the state, shown in Attachment A. When guidance and instructions are received from the state, the university will prepare and submit its capital budget items based upon the projects included in Attachment A. If future instructions and/or guidance from the state necessitate a change in the rankings or arrangement of projects in the General Fund listing, a final list with adjustments as submitted to the state will be brought to the Board of Visitors for review and ratification at a subsequent meeting.

### Nongeneral Fund Projects, Attachment B:

Attachment B lists the highest priority projects that call for entirely nongeneral fund resources in their budget. This section covers the auxiliary enterprise system projects and other projects requesting some combination of private support, returned overhead dollars, external construction grants, and/or nongeneral fund debt to fund the total costs, including capital leases.

Under the university's Management Agreement with the state for Capital Projects, the Board of Visitors has the authority to approve and implement projects supported 100 percent by nongeneral funds. Each project follows a three-step approval process by the Board of Visitors and those that require external debt require a fourth approval step. The steps include 1) inclusion in the approved Six-Year Capital Outlay Plan, 2) authorization for planning to produce design documents to validate the project's feasibility, 3) authorization for construction when funding is available and sufficient, and 4) approval of external debt required for any capital project prior to issuance.

Auxiliary enterprise projects with a financing plan that calls for an increase of student fees depend on Board of Visitors approval of the rates as part of the Tuition and Fee package. Projects with a financing plan that calls for private gifts depend on the successful completion of donation commitments.

### Project Costs:

The projects costs shown on the Plan reflect total project estimates based on campus historical experience, industry trends, benchmarking of unit costs for program descriptions, and scope of the proposed facilities. The estimates reflect February 2019 prices escalated to a mid-point of construction three years out.

### Debt Financing:

Projects with nongeneral fund support, including portions of some gift campaigns, may use external debt to finance a portion of the project. Each potential debt financing undergoes an internal financial feasibility assessment to ensure resources are sufficient to cover the full debt service term without unnecessary financial risk to the unit's operations.

The positioning of debt is further analyzed to ensure the university does not exceed the parameters of the university debt policy or debt management practices, which sets a maximum limit of a five percent ratio of total annual debt service to total operating expenses. This evaluation is projected six-years out and includes anticipated issuances for projects in the Plan. The Board of Visitors reviews and approves an annual report of debt capacity and debt ratio and authorizes individual debt packages prior to an issuance. These practices provide an important set of controls to ensure the institution's debt obligations do not become a point of inflexibility in reaching the operational goals of the institution, to ensure the university is holding sufficient debt capacity for its highest priorities, and to ensure compliance with restructuring requirements for credit ratings and debt ratios.

### Private Development:

The nongeneral fund list (Attachment B) includes three projects under the National Capital Region heading envisioned to be delivered by a private partner that would finance, construct, and operate these projects. The university would have access to use space in the projects under a normal lease arrangement. Thus, these projects are not expected to be university expenditures or consume university debt capacity under current accounting rules. The projects include the Innovation Campus-Innovation Building, Innovation Campus-Residential Capacity, and the Falls Church Development-Building Construction Program

### **RECOMMENDATION:**

That the Capital Outlay Plan for 2020-2026 as shown in Attachments A and B, be approved and for the university to submit the items in Attachment A in the state's capital budget process in accordance with future instructions and guidance from the state.

April 1, 2019

**Attachment A**

**General Fund Six-Year Capital Outlay Plan for 2020-2026**

**as of March 11, 2019**

		<b>Dollars in Thousands</b>		
		<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Total</b>
<b>University Division</b>				
1	Undergraduate Science Laboratory Building	\$ 80,300	\$ -	\$ 80,300
2	Randolph Hall Replacement	184,000	19,500	203,500
3	Hahn Hall Renovation and Expansion	60,000	22,200	82,200
4	Academic Efficiency and Renewal Package	57,000	-	57,000
	Renovate Media Building			
	Student Advising and Academic Services Center			
	Classroom Renovations			
	Music / Theater Program Space			
	Lane Hall Renovation			
5	Robeson Hall Renovation	36,000	6,600	42,600
6	Newman Library Renovation	60,000	-	60,000
7	Derring Hall Renovation	100,000	7,800	107,800
8	Burruss Hall Infrastructure and Code Compliance Renovation	49,200	-	49,200
9	New Building for Pamplin College of Business	40,400	40,400	80,800
10	Price Hall Renovation	30,800	-	30,800
11	Life, Health, Safety, Code Compliance Package	5,500	-	5,500
12	Western Perimeter Road (VT portion)	38,000	-	38,000
	Total University Division Projects	<u>\$ 741,200</u>	<u>\$ 96,500</u>	<u>\$ 837,700</u>
<b>Cooperative Extension / Agriculture Experiment Station Division (CE/AES)</b>				
1	Global Systems Sciences Building	\$ 110,000	\$ -	\$ 110,000
2	Animal Production and Livestock Facilities, Phase II	63,300	-	63,300
	Renew Animal-based Facilities			
	Replace One Health Facilities			
	Renew and Expand Center Woods Facilities			
	Agricultural Research and Extension Centers Top Priority Needs			
3	System-wide Agricultural Research and Extension Centers Improvements	23,600	-	23,600
	Total CE/AES Division Projects	<u>\$ 196,900</u>	<u>\$ -</u>	<u>\$ 196,900</u>
<b>Total General Fund Capital Plan for 2020-2026</b>		<u><b>\$ 938,100</b></u>	<u><b>\$ 96,500</b></u>	<u><b>\$ 1,034,600</b></u>

**Attachment B**  
**Nongeneral Fund Six-Year Capital Outlay Plan for 2020-2026**  
**as of March 11, 2019**

	<b>Dollars in Thousands</b>		
	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Total</b>
Intelligent Infrastructure Destination Area			
HITT Hall and Intelligent Infrastructure Building	\$ -	\$ 35,000	\$ 35,000
New Dining Hall	-	33,000	33,000
	-	68,000	68,000
Corps Leadership and Military Sciences			
Corps Leadership and Military Sciences Building	-	52,000	52,000
Corps of Cadets Residence Hall	-	33,000	33,000
	-	85,000	85,000
National Capital Region			
Innovation Campus: Innovation Building	-	-	-
Innovation Campus: Residential Capacity	-	-	-
Falls Church Property Acquisition	-	11,080	11,080
Falls Church Development: Building Construction Program	-	-	-
	-	11,080	11,080
Residential and Dining System Improvements			
Food Processing Center and Warehouse	-	10,000	10,000
Slusher Hall Replacement	-	82,500	82,500
Global Business and Analytics Complex Residence Halls	-	84,000	84,000
	-	176,500	176,500
Athletics Program Improvements			
Football Weight Room Renovations	-	5,000	5,000
Tennis Stadium Expansion	-	4,500	4,500
Cassell Coliseum Renovations	-	30,000	30,000
	-	39,500	39,500
College of Architecture and Urban Studies/ Student Commons			
New College of Architecture and Urban Studies Building	-	130,000	130,000
North Academic Commons: Student Unions	-	60,200	60,200
	-	190,200	190,200
Growth and Infrastructure			
North End Center II Building (capital lease)	-	36,000	36,000
Research Swing Space (capital lease)	-	18,700	18,700
Life Span and Family Services Research Center (capital lease)	-	8,000	8,000
Veterinary Teaching Hospital Expansion	-	19,000	19,000
Surplus Property, Mail, Printing, and Storage Space (capital lease)	-	6,720	6,720
Future Parking Capacity Improvements	-	18,750	18,750
	-	107,170	107,170
<b>Total Nongeneral Fund Capital Plan for 2020-2026</b>	<b>\$ -</b>	<b>\$ 677,450</b>	<b>\$ 677,450</b>
<b>GRAND TOTAL SIX-YEAR CAPITAL OUTLAY PLAN</b>	<b>\$ 938,100</b>	<b>\$ 773,950</b>	<b>\$ 1,712,050</b>

## **Attachment C**

### **Project Descriptions for the 2020-2026 Capital Outlay Plan**

#### **JOINT FINANCE AND RESOURCE MANAGEMENT COMMITTEE AND BUILDINGS AND GROUNDS COMMITTEE**

**March 11, 2019**

#### **General Fund Projects – Attachment A:**

##### **University Division**

##### **1. Undergraduate Science Laboratory Building**

This project is essential for accommodating the university's growing demand for STEM-H degrees. The proposed project envisions a new 102,000 gross square foot (GSF) facility of high quality instructional laboratories for basic and upper division sciences that will be located proximal to the new Classroom Building.

##### **2. Randolph Hall Replacement**

Randolph Hall was constructed in 1952 with an addition in 1959, and no major renovations since construction was completed. This project envisions razing and replacing the entire 166,000 GSF existing building in phases and constructing a new 284,000 GSF building at the same site.

##### **3. Hahn Hall Renovation and Expansion**

Hahn Hall was constructed in 1988 with an addition in 2002, and no major renovations since construction was completed. The proposed project includes renovating the entire 71,100 GSF existing building and expanding with a 53,100 GSF addition to provide space for instructional classrooms, laboratory space, and support space for the physics and chemistry programs.

##### **4. Academic Efficiency and Renewal Package**

This project packages together several small and medium sized high priority facility renewal items.

- **Renovate Media Building:** This project will renovate the entire 13,200 square foot Media Building located in the Creativity and Innovation District to provide updated spaces for art programs.
- **Student Advising and Academic Services Center:** This project will renovate the entire 24,550 square feet of the G. Burke Johnson Student Center to repurpose it for the consolidation of Undergraduate Academic Affairs and Degree and Enrollment Management functions.

- Classroom Renovations: This project will renovate approximately 56,250 GSF of outdated and underutilized general assignment classroom space to meet the existing space demand and to support planned enrollment growth.
- Music / Theater Program Space: The project relocates the music and theater programs from Squires Student Center to a new facility in the Creativity and Innovation District. This is a critical precursor to vacating Squires Student Center to move forward other major projects in the Creativity and Innovation District.
- Lane Hall Renovation: Originally known as Barracks No. 1, Lane Hall was built in 1888 and converted to office use in 1967. This project is for the renovation and preservation of the 26,500 square foot historic building to house academic programs.

#### 5. Robeson Hall Renovation

Robeson Hall was constructed in 1960 with no major improvements or renovations since construction was completed. The project includes renovating the entire 67,000 GSF existing building to provide modern laboratories and support space to meet the needs for instructional classrooms and laboratory space for the physics and materials sciences programs.

#### 6. Newman Library Renovation

Newman Library was constructed in 1955 with an addition in 1980, with no major renovations since construction was completed. This project envisions constructing a new library storage facility off-campus followed by a renovation of the entire Newman Library to address student demand for a high quality library environment with up-to-date interactive learning formats.

#### 7. Derring Hall Renovation

Derring Hall was constructed in 1969 with no major improvements or renovations since the original construction was completed. This request is to renovate and modernize this high demand instructional building for physical sciences programs.

#### 8. Burruss Hall Infrastructure and Code Compliance Renovation

Burruss Hall was built in 1936 with additions in 1968 and 1970, and a renovation in 2007 to convert a portion the north elevation to academic use. This project replaces and updates the major building systems within the building.

#### 9. New Building for Pamplin College of Business

The project includes 104,000 GSF of new construction to house the Pamplin College of Business. The proposed building will provide the college expanded, modern instructional space sufficient to meet demand for interactive learning including a variety of general purpose and specialized classrooms, learning laboratories, and seminar rooms.

#### 10. Price Hall Renovation

Price Hall was constructed in 1907 and is one of the oldest buildings on campus. The 56,000 GSF building has received no major improvements or renovations since construction was completed. This project proposes to gut and renovate the entire building to repurpose for academic programs.

#### 11. Life, Health, Safety, Code Compliance Package

The university's health, safety, and accessibility initiative for the campus is an ongoing effort, and the university includes a request for this program in each capital plan. This project continues progress on needed campus improvements including accessibility improvements and life safety repairs that are beyond the scope of the Maintenance Reserve program.

#### 12. Western Perimeter Road (VT portion)

This project is the continuation of campus road projects envisioned to support the future build out of the campus master plan. This will provide a perimeter road on the western side of campus to relieve traffic pressure on and around campus and to link Southgate Drive with Prices Fork Road. The entire project is expected to cost \$64 million with \$26 million provided through a Virginia Department of Transportation funding program.

### **Cooperative Extension / Agricultural Experiment Station Division**

#### 1. Global Systems Sciences Building

This project builds a new 135,000 GSF research facility for interdisciplinary plant sciences research. The scope also includes approximately 10,000 square feet of backfill renovations in Latham Hall to support the College of Natural Resources and Environment.

#### 2. Animal Production and Livestock Facilities, Phase II

- **Renew Animal-based Facilities:** The agency has 250,000 GSF of animal-based facilities that have aged past their useful life. The state appropriated a project to address 126,000 GSF of improvements. This project is for a second phase of improvements for 97,000 GSF. The replacement facilities consolidate functions and operational efficiencies.
- **Replace One Health Facilities:** This project relocates and replaces the outdated One Health research facilities located on Glade Road.
- **Renew and Expand Center Woods Facilities:** This project proposes 28,000 GSF of improvements to the Center Woods Complex for the Fisheries and Wildlife program, located off Plantation Road.



- **Agricultural Research and Extension Centers Top Priority Needs:** This project will address the top priority infrastructure and renovation needs for Agricultural Research and Extension Centers across the state. The balance of the needs will be addressed in a larger system-wide project.

### 3. System-wide Agricultural Research and Extension Centers Improvements

The agency has 11 ARECs that support a variety of key industries in the Commonwealth through research and Extension programs. The AREC facilities do not support demand for the program activities and require improvements and expansion. This project will bring the system up-to-date and provide capacity to meet client demand for services.

### **Nongeneral Fund Projects – Attachment B:**

#### **Intelligent Infrastructure Destination Area**

The core components of the destination area include HITT Hall and a new dining center. These facilities are in the design process and this project is to fully fund and complete construction of the facilities.

- HITT Hall and Intelligent Infrastructure Building

HITT Hall is a 29,600 GSF program for instruction and laboratory space, as well as faculty, staff, and graduate student work space for the growing School of Construction. The Intelligent Infrastructure component is a 8,000 GSF program for Makers Laboratory space that would be an innovative learning environment to promote interdisciplinary collaboration to support emerging research.

- New Dining Hall

The Smart Dining Hall, located adjacent and connected to HITT Hall is a multi-use building containing 55,800 GSF of dining space and 21,600 GSF of classroom spaces.

#### **Corps Leadership and Military Sciences**

- Corps Leadership and Military Sciences Building

The Corps Leadership and Military Sciences Building is a 75,460 GSF building to provide permanent space for Corps of Cadets and ROTC programs which are currently dispersed on the north area of campus.

- Corps of Cadets Residence Hall

The Corps of Cadets Residence Hall is an approximately 54,400 GSF building to provide 300 additional beds for Cadets.

## **National Capital Region**

- Innovation Campus: Innovation Building

This project is envisioned to create approximately 200,000 GSF of innovation space for the Innovation Campus, including space for start-ups and industry collaboration. The proposed facility will be delivered by a private partner.

- Innovation Campus: Residential Capacity

This project is envisioned to create approximately 300,000 GSF of residential and retail space, including neighborhood serving retail, to support the Innovation Campus. The proposed facility will be delivered by a private partner.

- Falls Church Property Acquisition

This project obtains the University of Virginia's title and interest in the VT/UVA Northern Virginia Center (Center) and land from the City of Falls Church, Virginia. The result is Virginia Tech obtaining ownership of 7.5 acres of land and the 102,000 GSF building on the property.

- Falls Church Development: Building Construction Program

This project envisions the development of the Falls Church location with a private partner. The overall development includes approximately 50,000 square feet of space for the Building Construction Program.

## **Residential and Dining System Improvements**

- Food Processing Center and Warehouse

This project is for a new 49,000 GSF food processing center and warehouse to provide Dining Services with modern space for central food preparation, bake shop, and cold storage to meet the growing demands of campus dining centers.

- Slusher Hall Replacement

This project is part of a long-range strategic plan to modernize the inventory of campus residential facilities. The proposed project will first build and occupy a new residential facility neighboring the existing Slusher Hall, then demolish and remove Slusher Hall, and then build a second building on the site. The target bed count for the new facilities is 750 beds.

- Global Business and Analytics Complex Residence Halls

This project will construct two new residence halls as part of the Living Learning Communities linked with the Global Business and Analytics Complex. The proposed project includes 700 beds.

## **Athletics Program Improvements**

- Football Weight Room Renovations

This project will renovate and expand the football weight room within the Merryman Center. The project will provide state-of-the-art spaces for weight training, team meeting space, and circulation.

- Tennis Stadium Expansion

This project will renovate the existing tennis facilities to include expanded locker rooms, team lounges, medical training support, and fan viewing areas.

- Cassell Coliseum Renovations

This project envisions several improvements including updated graphics and branding, additional club seats, improved food service, and improved fan comfort to enhance athletic program competitiveness and fan experience.

## **College of Architecture and Urban Studies/ Student Commons**

A key part of the university's plan to develop the Creativity and Innovation District includes a long-term vision to relocate the College of Architecture and Urban Studies (CAUS) to the district and to renovate the vacated college buildings to a student commons.

- New CAUS Building

This project provides a permanent home to consolidate the College of Architecture and Urban Studies, which allows the college to vacate Cowgill Hall and Burchard Hall. The proposed 200,000 GSF building will house the college and provide space for district functions and programs, including the Honors College.

- North Academic Commons: Student Unions

This project will repurpose Cowgill Hall and Burchard Hall into student commons space, currently located in the Squires Student Center. The combined 110,500 GSF renovations will provide convenient space for high demand student activity spaces.

## **Growth and Infrastructure**

- North End Center II Building (capital lease)

This project envisions an approximately 180,000 GSF building located adjacent to the North End Center. This building will provide space for retail operators on the ground level and space to consolidate several university external leases and campus functions on the upper levels.

- Research Swing Space (capital lease)

This project will provide an approximately 68,000 GSF of necessary swing space capacity to renovate high priority academic buildings. The proposed facility will be located off-campus in the Corporate Research Center and be configured for research functions.

- Life Span and Family Services Research Center (capital lease)

The project will provide approximately 40,000 GSF in the Corporate Research Center to consolidate multiple client-centered programs and to better accommodate client needs, client capacity, and student engagement through experiential learning.

- Veterinary Teaching Hospital Expansion

The project includes approximately 16,300 GSF of renovation and 25,300 GSF of new construction at the veterinary hospital to provide space for program expansion and enrollment growth.

- Surplus Property, Mail, Printing, and Storage Space

This project provides a long-term, economical solution for several central support functions in the form of a capital lease with ownership transfer to the university at the conclusion of the lease.

- Future Parking Capacity Improvements

This project provides parking capacity to accommodate on-going campus development and programmatic growth.

**APPENDIX 1**  
**Program and Activity Space Needs**  
**Proposals from Deans and Vice Presidents**  
**Six-Year Capital Outlay Plan**  
**December 3rd and 5th, 2018**

**Agriculture and Life Sciences**

- 1 Hutcheson and Smyth Hall Renovations
- 2 Saunders and Seitz Hall Renovation
- 1 - 229 Global Systems Sciences Building
- 2 - 229 System-wide Agriculture Research and Extension Centers (AREC) Improvements
- 3 - 229 Animal Production and Livestock Facilities, Phase II
- 4 - 229 Human and Agricultural Biosciences Building II

**Architecture and Urban Studies**

- 1 New home to consolidate College of Architecture
- 2 Research and Demonstration Facility (RDF)
  - RDF Phase I: Renovate current facility
  - RDF Phase II: Dome of Innovation
  - RDF Phase III: High-bay Facility
- 3 Architecture Living Laboratory Spaces
- 4 HITT Hall: academic component
- 5 Campus Infinite Loop extension to Plantation Road

**Arts**

- 1 Media Building Renovation

**Athletics**

- 1 Football Weight Room Renovations
- 2 Cassell Coliseum Renovations
- 3 Lane Stadium East Side Enhancements and Club Space
- 4 Tennis Stadium Expansion

**Business**

- 1 Global Business and Analytics Complex (GBAC)
  - GBAC: New Building for College of Business
  - GBAC: Data and Decision Sciences Building
  - GBAC: Residence Halls
- 2 Pamplin Hall Renovation for short-term space needs
- 3 National Capital Region: Expanded office space and larger classrooms for Business

## **Engineering**

- 1 Randolph Hall Replacement
- 2 Swing space for upcoming large renovations
- 3 Space for Computer Science expansion
- 4 Expand student-team project spaces for Engineering
- 5 Support Shared Research Facilities: i.e. a Renovated Robeson Hall
- 6 Norris Hall Renovation
- 7 Patton Hall Renovation

## **Enrollment and Degree Management / Undergraduate Academic Affairs**

- 1 Student Advising and Academic Services Center
- 2 General assignment classroom renovations and additions

## **Graduate School**

- 1 Affordable child care space on or adjacent to campus
- 2 Large Ballroom / Multipurpose Spaces
- 3 Graduate student and family housing at each campus
- 4 Hillcrest Hall conversion for Graduate School and Graduate housing
- 5 National Capital Region: Falls Church property acquisition

## **Health Sciences and Technology**

- 1 Roanoke: Equipment for core laboratories
- 2 Roanoke: Incubator Facility / Biomedical Health Center
- 3 Roanoke: Center for Advanced Imaging Technologies
- 4 Roanoke: Housing and residential facilities
- 5 Roanoke: Additional Classroom / Student Services Building
- 6 National Capital Region: Children's National Medical Center partnership at Walter Reed Hospital
- 7 Roanoke: Health Sciences and Technology II Building
- 8 Roanoke: New school for Environmental Health Sciences
- 9 Roanoke: Children's Health Center
- 10 Roanoke: New school for Pharmaceutical Sciences
- 11 Roanoke: Center for Cardiovascular Health Sciences

## **Honors College**

- 1 Honors College academic, office, and commons space
- 2 Honors College residential space

### **Liberal Arts and Human Sciences**

- 1 Life Span and Family Services Research Center
- 2 Corps Leadership and Military Science Building
- 3 Squires performance space acoustic improvements
- 4 Lane Hall Renovation for Liberal Arts
- 5 Additional instructional space for Liberal Arts
- 6 Newman Library Renovation
- 7 National Capital Region: Expanded office space for Liberal Arts
- 8 National Capital Region: Expanded Marriage and Family Therapy Facility in Falls Church

### **Libraries**

- 1 Newman Library Renovation
- 2 Storage Facility Expansion on Electric Road
- 3 Distributive libraries model incorporated throughout campus

### **Natural Resources and Environment**

- 1 Brooks Center Renovation and Expansion
  - 2 Center Woods Complex Renewal and Expansion
  - 3 College of Natural Resources expansion space
- 1 - 229 Global Systems Sciences Building

### **Outreach and International Affairs (OIA)**

- 1 Consolidate OIA units into a dedicated space: North End Center II Building

### **Research and Innovation**

- 1 Shared research facilities and cross-institute collaboration
- 2 Integrated Translational Spaces for industry partnerships

### **School of Medicine**

- 1 Roanoke: New Medical School Building to expand enrollment

### **Science**

- 1 Robeson Hall Renovation
  - 2 Data and Decision Sciences Building
  - 3 Hahn Hall South Renovation and Expansion
  - 4 Derring Hall Renovation
  - 5 Swing space for upcoming large renovations
- 1 - 229 Global Systems Sciences Building

## **Student Affairs**

- 1 - E&G Corps Leadership and Military Sciences Building
  - 1 HITT Hall: dining component
  - 2 North Academic Commons: Convert Burchard and Cowgill to Student Activities
  - 3 Slusher Hall Replacement
  - 4 Food Processing Center and Warehouse
  - 5 Main and West Eggleston Hall Renovations
  - 6 Owens Hall Replacement
  - 7 Global Business Analytics Complex: Residence Halls
  - 8 Recreation Center and Fields: Global Business Analytics Complex area
  - 9 Oak Lane Community: Future build-out
  - 10 Corps of Cadets Residence Hall

## **Veterinary Medicine**

- 1 Veterinary Teaching Hospital Expansion
- 2 Additional instructional space for Public Health Program
- 3 Space to grow One Health Research Program

## **Operations**

- 1 Burruss Hall Infrastructure and Code Compliance
- 2 Campus Infinite Loop and Green Links
- 3 Western Perimeter Road Expansion
- 4 Ongoing Life, Health, Safety, and Code Compliance Improvements
- 5 Chilled Water, Phase III
- 6 Mail Services Facility to Perry Street Garage
- 7 Heritage Protection and Preservation
- 8 Parking Capacity Improvements
- 9 Power Plant / Smart Energy Park

## **Staff Considerations**

- 1 National Capital Region: Innovation Campus
  - Innovation Campus: State Academic Building
  - Innovation Campus: Innovation Building
  - Innovation Campus: Residential Capacity
  - Innovation Campus: Commercial
- 2 Undergraduate Science Laboratory Building
- 3 National Capital Region: Falls Church - Building Construction Program
- 4 Relocate Music spaces
- 5 Future of Femoyer Hall
- 6 Price Hall Renovation
- 7 Facility Envelop Repairs: Hokie Stone
- 8 P3 Building for Creativity and Innovation District: Multipurpose Facility
- 9 Renovate/Convert Campus Bookstore
- 10 Repurpose Pamplin Hall