

**MAJOR CAPITAL PROJECT STATUS REPORT  
BUILDINGS AND GROUNDS COMMITTEE  
August 25, 2008**

**PROJECTS BEING DESIGNED**

**1. Campus Heat Plant**

This project provides planning authorization for the design of new heating and cooling infrastructure to serve the various areas of campus.

**A/E: Affiliated Engineers, Inc. – Chapel Hill, NC**

Status: Project split into various design and construction packages. Life Sciences corridor steam line expansion in Working Drawings phase. Procurement of the Central Plant generator is underway.

**2. ICTAS - II (42,000 GSF)**

This project will include state-of-the-art facilities with highly specialized laboratories, which will support multi-disciplinary areas including bio-nanotechnology, bio-materials, communications technology, and sensor technology.

**A/E: SmithGroup – Washington, D.C.**

**CM @ Risk: Skanska USA Building, Inc. – Durham, NC**

Status: Design Development phase is underway.

**3. Infectious Disease Research Facility (Vet Med Addition) (16,300 GSF)**

This project will accommodate infectious disease research laboratory space (60%), lab office space and support areas (40%).

**A/E: CUH2A Architecture, Engineering, Planning – Bethesda, MD**

Status: Schematic Design is underway.

**4. McComas Hall - Additional Recreation, Counseling, and Clinical Space (27,000 GSF)**

This project will expand McComas Hall to meet the growing demand for student recreation/exercise space for the University.

**A/E: Hughes Group Architects – Sterling, VA**

Status: Schematic Design is underway.

**5. Ambler Johnston Hall - Improve Residence and Dining (272,000 GSF)**

This project will provide complete renovations to Ambler Johnston Hall including replacement of building systems and addition of air conditioning. The project is envisioned to improve the sense of community by adding corridor daylighting and an attractive entrance area. It will be completed in multiple phases.

**A/E: Clark Nexsen – Charlotte, NC**

**CM @ Risk: Barton Malow Company – Charlottesville, VA**

Status: Working Drawings being prepared. Project budget increased to align with intended scope.

**6. Materials Management Facility (7,500 GSF)**

This project will construct a facility to manage, store, and process hazardous waste for disposal.

**A/E: Wiley & Wilson - Lynchburg, VA**

Status: A new site has been identified. Schematic Design is underway.

**7. Visitors and Undergraduate Admissions Center (20,000 GSF)**

This project will accommodate the growing needs of visitors to the campus and University Admission's Office.

**A/E: Glavè & Holmes Associates – Richmond, VA**

Status: Schematic Design is underway.

**8. Academic and Dining Building (91,200 GSF)**

This project will include a new dining facility, academic instruction areas, and other student space in a four or five-story building.

**A/E: Burt Hill Kosar Rittleman Associates – Washington, D.C.**  
**CM @ Risk: TBD**

Status: A concept study including programming, massing, and cost validation is underway.

**9. VBI Addition Facility (50,000 GSF)**

This project will include office space for faculty, researchers, research associates, support personnel, and associated conference and meeting space for growing Virginia Bioinformatics Institute (VBI) departments.

**A/E: Perkins & Will – Charlotte, NC**  
**CM @ Risk: Skanska USA Building, Inc. – Durham, NC**

Status: Schematic Design pending approval.

**10. Geoscience Building & Discovery Center - Sciences Research Laboratory - I (93,300 GSF)**

This project will include a combination of offices, class laboratories, research offices and laboratories, and graduate student space that will be used to house a number of departments and programs for the College of Science. A significant portion of the building is envisioned to house the Department of Geosciences. The other focus of the building program envisions an expansion of the nano-science research field.

**A/E: CUH2A Architecture, Engineering, Planning – Bethesda, MD**

Status: A program and site confirmation study is underway.

**11. Center for the Arts (120,000 GSF)**

This project includes construction of a new Performance Hall with a 1,300-seat auditorium, as well as a Visual Arts Gallery. It also includes the renovation of Shultz Hall for Creative Technologies and support spaces.

**A/E: Snohetta AS – New York, NY with STV Group, Inc. – Douglassville, PA**  
**CM @ Risk: The Holder Group**

Status: Program confirmation and concept study is underway.

**12. Southern Piedmont AREC Laboratory Facility (7,500 GSF)**

This project expands the existing facility and will provide multi-purpose laboratory space to support agricultural research.

**A/E: FPW Architects – Charlottesville, VA**

Status: Design Development is underway.

**13. Engineering Signature Building (160,000 +/- GSF)**

This project constructs a new state-of-the-art, technology enhanced flagship building for the College of Engineering.

**A/E: Zimmer Gunsul Frasca Architects LLP – Washington, DC**

Status: Pre-planning/programming is underway.

**14. Human and Agricultural Biosciences Building I (College of Agricultural and Life Sciences) (92,000 +/- GSF)**

This project constructs a new advanced agricultural research laboratory facility.

**A/E: TBD**

Status: Consultant selection for pre-planning/programming is underway.

**15. Renovate Davidson Hall (50,000 +/- GSF)**

This project demolishes and replaces the deteriorated center and rear sections of Davidson Hall.

**A/E: TBD**

Status: Consultant selection for pre-planning/programming is underway.

**16. Chiller Plant (N/A GSF)**

This project develops and implements additions/improvements to the campus chilled water infrastructure.

**A/E: TBD**

Status: Internal planning in progress. Consultant selection for pre-planning is underway.

**17. Virginia Tech – Carilion Medical School and Research Institute  
(152,000 GSF) - PPEA**

This project constructs a new medical school and research institute adjacent to the Carilion complex in Roanoke.

**PPEA Team: Carilion Clinic – Roanoke, VA**

**A/E: Hayes, Seay, Mattern & Mattern, Inc., - Roanoke, VA**

**CM @ Risk: Skanska USA Building, Inc. – Durham, NC**

**18. Owens and West End Market Food Courts**

This project constructs a seating addition with modifications to the West End Market and renovates the Dining/Food Service areas of Owens Hall.

**A/E: Clark Nexsen – Charlotte, NC**

Status: Program confirmation and concept study is underway.

**19. Myers Lawson School of Construction, Phase II (30,000 +/- GSF)**

This project will include classrooms, teaching laboratories, research laboratories, faculty offices, new undergraduate studios, and new graduate studios.

**A/E: Perkins & Will**

Status: Negotiating for planning services.

## **CONSTRUCTION PROCUREMENT PROCESS**

### **1. Parking Structure – Design/Build**

This project will provide a parking structure in the Perry Street lot.

**Design Build Team: Rentenbach – Greensboro, NC**

**A/E: LS3P Assoc. – Raleigh, NC**

Status: Selected design build team.

## PROJECTS UNDER CONSTRUCTION

### 1. **ICTAS – I (99,400 GSF)**

This facility will include engineering-led research labs, offices, and workspaces.

**A/E: Burt Hill Kosar Rittleman Associates – Washington, D.C.**

**Contractor: Branch & Associates, Inc. – Roanoke, VA**

Status: The anticipated occupancy is the fall of 2008. Lab up-fits are underway.

### 2. **Campus Heat Plant – Steam Distribution Upgrades (Bid Package 1)**

This sub-project of the Campus Heat Plant main project provides for the design and installation of new steam distribution piping to serve the southwest quadrant of campus.

**A/E: Affiliated Engineers, Inc. – Chapel Hill, NC**

**Contractor: Waco, Inc. – Sandston, VA**

Status: Work is ongoing in the Washington Street area. Substantial completion is expected in the fall of 2008.

### 3. **Campus Heat Plant – Boilers 8, 9, and 10 Upgrades (Bid Package 2)**

This sub-project of the Campus Heat Plant main project provides for the design and installation of new equipment for Boilers 8, 9, and 10 to increase boiler efficiency and reduce NOx pollution.

**A/E: Affiliated Engineers, Inc. – Chapel Hill, NC**

**Contractor: McGraw-Morgan – Moseley, VA**

Status: Boiler 10 is complete. Boilers 8 and 9 work is underway.

**4. Campus Heat Plant – Plant Upgrades - Phase I (Bid Package 3)**

This sub-project of the Campus Heat Plant main project provides for the design and installation of upgrades to the central steam plant to increase plant reliability.

**A/E: Affiliated Engineers, Inc. – Chapel Hill, NC**

**Contractor: Waco, Inc. – Sandston, VA**

Status: Substantial completion is expected in the fall of 2008.

**5. McComas Hall Exterior Wall Structure - Phase I**

This project will include repairs to the exterior wall structure of McComas Hall.

**A/E: Work being completed by Virginia Tech with consultant assistance**

Status: Repair work is underway.

**6. Agnew Hall Renovation (12,245 GSF)**

This project will renovate Agnew Hall to address several code-related building deficiencies.

**A/E: MMM Design Group – Norfolk, VA**

**Contractor: Acorn Construction, LTD – Troutville, VA**

Status: Capital Project portion expected completion in the fall of 2008. Tenant up-fit to follow.

**7. New Residence Hall – I (92,800 GSF)**

This project will include construction of a new residence hall containing 264 beds as well as office space for Student Programs.

**A/E: Hanbury Evans Wright Vlattas – Norfolk, VA**

**Contractor: Branch & Associates, Inc. – Roanoke, VA**

Status: Wall systems, precast plank, and rough-ins continue. The anticipated occupancy is the summer of 2009.



**8. Renovate Henderson Hall and Black Box Theater (38,570 GSF)**

This project is to renovate Henderson Hall and includes an 8,600 SF Black Box Theater. The project will provide academic space for the visual and performing arts programs.

**A/E: Moseley Architects – Virginia Beach, VA**

**Contractor: Avis Construction Company, Inc. – Roanoke, VA**

Status: Henderson interior walls, ductwork, and rough-ins in progress. Black Box foundations nearing completion. Anticipated occupancy is the fall of 2009.

**9. Hampton Roads Classroom**

This project will include additional classroom space to support educational programs at the Hampton Roads Agricultural Research and Extension Center.

**A/E: Burgess & Niple – Virginia Beach, VA**

**Contractor: Sun Bay Contracting – Virginia Beach, VA**

Status: Utility relocation and foundations in progress.

**10. Classroom Improvements – Phase 1C – Patton Hall 211 & 215**

This sub-project includes additional upgrades to classrooms in Patton Hall.

**A/E: Architect's Alliance – Blacksburg, VA**

**Contractor: Hall's Construction Corporation – Shawsville, VA**

Status: Construction is underway. The expected occupancy is the fall of 2008.

**11. Basketball Practice Facility (53,000 GSF)**

This project includes construction of a state-of-the-art practice facility for men and women's basketball. It will include two full size courts, coaches' facilities, and locker rooms.

**A/E: Cannon Design – Arlington, VA**

**CM @ Risk: The Whiting-Turner Contracting Co. – Charlotte, NC**

Status: Early site/utilities package awarded. Foundations in progress. Contracts for follow-on packages in various stages.

**12. Lower Chicken Hill Parking Lot Improvements**

This project will pave the lower lot, make improvements to the upper lot, add a bus stop, and improve stormwater management.

**A/E: Thompson & Litton, Inc. – Tazewell, VA**

**Contractor: DCI/Shires, Inc. – Bluefield, WV**

Status: Construction nearing completion.

## **COMPLETED PROJECTS**

### **1. Cowgill Hall HVAC and Power (64,417 GSF)**

This project will upgrade the mechanical and electrical systems to improve air distribution and indoor air quality, provide electrical capacity for additional computer needs, and retrofit existing design labs with wet and dry service areas.

**A/E: MMM Design Group – Norfolk, VA**

**Contractor: Avis Construction Company - Roanoke, VA**

Status: Occupied July 2008. Punchlist being completed.

## **PENDING PROJECTS**

### **1. Public Safety Building (35,000 GSF)**

This project will bring three programs together in one integrated facility: Police Department, Rescue Squad, and Emergency Management. The University needs enhanced and expanded space for these essential public safety programs. The necessary accommodations will include dedicated personnel operations, interior storage, vehicular parking, training facilities, and a command center.

Status: Resolution of programming and funding issues is pending.

### **2. Administrative Services Building (48,000 GSF)**

This project will construct a building along the campus perimeter to house various administrative support functions and academic units in a single location. This will free up central campus space for academic programs and promote cost savings by allowing the University to forego some of the leased office space, which is scattered across town.

Status: Resolution of programming and funding issues is pending.

## **PROJECTS ON HOLD**

### **1. Indoor Athletic Training Facility (120,000 GSF)**

This project will provide a state-of-the-art training facility for athletic programs that will include capacity for full speed workouts and drills.

Status: Resolution of programming and funding issues is pending.