



COMMONWEALTH of VIRGINIA

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MEMORANDUM

TO: The Honorable John H. Chichester
Chairman, Senate Finance Committee

The Honorable Vincent F. Callahan, Jr.
Chairman, House Appropriations Committee

The Honorable John Bennett
Secretary of Finance

DATE: September 29, 2005

FROM: Daniel LaVista

SUBJECT: Capital Outlay Financial Feasibility

Chapter 951, 2005 Virginia Acts of Assembly requires that the State Council of Higher Education receive Financial Feasibility Studies from public institutions of higher education for each capital outlay request submitted for the 2006-08 Biennium whose funding consists in whole, or in part, of debt authorized under Article X, Section 9 (d), of the Constitution of Virginia.

In accordance with this requirement, SCHEV has reviewed the financial feasibility studies submitted for projects requested for the 2006-08 biennium. Through this review, we have identified the likely impact that each project will have on student charges.

The attached report summarizes our findings. If you have any questions or if we can be of further assistance, please contact me at (804) 225-2611.

Attachment

c: Michael Maul, Department of Planning and Budget
Tony Maggio, House Appropriations Committee Staff
Amy Sebring, Senate Finance Committee Staff

Estimated Impact of New 9(d) Debt on Student Fees and Financial Aid Need

2006-08 Biennium

Chapter 951, 2005 Virginia Acts of Assembly requires that the State Council of Higher Education receive Financial Feasibility Studies from public institutions of higher education for each capital outlay request submitted for the 2006-08 Biennium whose funding consists in whole, or in part, of debt authorized under Article X, Section 9 (d), of the Constitution of Virginia.

This provision is set forth in §4-4.01.j.2:

By August 15 of each year, institutions shall also prepare and submit copies of financial feasibility studies to the State Council of Higher Education for Virginia for 9(d) obligations where debt service is expected to be paid from project revenues or revenues of the institution. The State Council of Higher Education shall identify the impact of all projects requested by the institutions of higher education, and as described in § 4-4.01 j.1. of this act, on the current and projected cost to students in institutions of higher education and the impact of the project on the institution's need for student financial assistance. The State Council of Higher Education for Virginia shall report such information to the Secretary of Finance and the Chairmen of the House Appropriations and Senate Finance Committees no later than October 1 of each year.

In accordance with this provision, SCHEV has reviewed financial feasibility studies related to thirty-seven projects requested by ten senior institutions for the 2006-08 Biennium. The results are presented below.

A variety of funding sources have been identified by the institutions as providing the incremental revenues required to support the debt service and operating costs associated with these projects. The three primary sources are: 1) required student fees, 2) user fees associated the project, and 3) other institutional fees such as indirect cost recoveries and/or gifts. This report provides a summary table which displays the requesting institution, the name of the project, the amount of debt requested and the major revenue source for debt service and operating costs. Further, it also displays the current level of required fees, the estimated dollar increase in those fees necessary to support the project, if any, and the percent increase this represents. Finally, the table displays the estimated impact of the fee increases on the institutions' overall financial aid need as calculated using SCHEV's financial aid guidelines.

Following the summary table, the report contains a brief description of each project.

Estimated Impact of New 9(d) Debt on Student Fees and Financial Aid Need - 2006-08 Biennium

Institution	Project	Debt Amount	Major Revenue Sources	2005-06 Student Fees	2006-07 Amount	Percent Increase	Financial Aid Need Increase
CNU	Freeman Center Addition	\$10,700,000	Student Fees	\$2,350.00	\$192.00	8.17%	\$180,372.00
CNU	Athletics Expansion II	\$8,300,000	Student Fees	\$2,350.00	\$148.00	6.30%	\$138,910.00
Subtotal					\$340.00	14.47%	\$319,282.00
CWM	Underground Utilities Improvement	\$5,239,000	Student Fees	\$2,963.00	\$55.50	1.87%	\$22,656.00
CWM	Construct New Dorm	\$2,000,000	User Fee	\$2,963.00	\$0.00	0.00%	\$0.00
CWM	Construct Integrated Science Center	\$3,000,000	Indirect Cost Recoveries	\$2,963.00	\$0.00	0.00%	\$0.00
Subtotal					\$55.50	1.87%	\$22,656.00
GMU	Welcome Center and Road Realignment	\$7,519,000	Student Fees	\$1,524.00	\$34.00	2.23%	\$107,820.00
GMU	Physical Education Addition - Phase II	\$8,206,000	Student Fees	\$1,524.00	\$54.00	3.54%	\$171,111.00
GMU	Academic VI/Research II	\$15,431,000	Indirect Cost Recoveries	\$1,524.00	\$0.00	0.00%	\$0.00
GMU	Renovate Student Union II	\$4,009,000	Student Fees	\$1,524.00	\$27.00	1.77%	\$85,726.00
GMU	Patriot Center Addition	\$5,151,000	Student Fees	\$1,524.00	\$21.00	1.38%	\$66,551.00
GMU	Field House Addition/West Campus Impr	\$4,815,000	Student Fees	\$1,524.00	\$21.00	1.38%	\$66,551.00
GMU	Physical Plant Building and Renovation	\$3,502,000	Auxiliary Service Charges	\$1,524.00	\$0.00	0.00%	\$0.00
Subtotal					\$157.00	10.30%	\$497,759.00
JMU	Bridgeforth Stadium Reno and Expansion	\$10,000,000	Current Comprehensive Fee	\$2,888.00	\$0.00	0.00%	\$0.00
ODU	Quad Parking Structure	\$8,816,000	Parking Rev/Aux Reserves	\$2,072.00	\$0.00	0.00%	\$0.00
ODU	H & PE Building Renovation	\$6,230,000	Existing Student Activity Fee	\$2,072.00	\$0.00	0.00%	\$0.00
ODU	Athletic Facilities Expansion	\$741,000	Student Activity Fees	\$2,072.00	\$16.80	0.81%	\$59,315.00
Subtotal					\$16.80	0.81%	\$59,315.00
UMW	Convocation Center	\$5,000,000	Existing Student Fee	\$1,674.00	\$0.00	0.00%	\$0.00

Estimated Impact of New 9(d) Debt on Student Fees and Financial Aid Need - 2006-08 Biennium

Institution	Project	Debt Amount	Major Revenue Sources	2005-06 Student Fees	2006-07 Amount	Percent Increase	Financial Aid Need Increase
UVA	Main Heating Plant Environ Upgrade	\$5,164,000	Student Fees	\$1,466.00	\$3.00	0.20%	\$2,983.00
VCU	West Grace St North Housing	\$10,000,000	User Fees	\$1,373.00	\$0.00	0.00%	\$0.00
VCU	School of Dentistry Renovation	\$875,000	Institutional Funds	\$1,373.00	\$0.00	0.00%	\$0.00
VCU	School of Dentistry Addition	\$1,527,500	Institutional Funds	\$1,373.00	\$0.00	0.00%	\$0.00
VCU	Rhoads Hall Renovation (Residence Hall)	\$7,000,000	User Fees	\$1,373.00	\$0.00	0.00%	\$0.00
VCU	Medical Sciences Building Phase II	\$5,425,000	Institutional Funds	\$1,373.00	\$0.00	0.00%	\$0.00
VCU	Athletics Operations Facility	\$10,000,000	Student Fee	\$1,373.00	\$65.00	4.73%	\$278,597.00
VCU	Athletics Field House	\$11,000,000	Student Fee	\$1,373.00	\$70.00	5.10%	\$300,097.00
VCU	Cabaniss Hall Renovation (Residence Hall)	\$8,700,000	User Fee	\$1,373.00	\$0.00	0.00%	\$0.00
VCU	Belvidere and Grace Street Deck	\$9,000,000	User Fee and Student Fee	\$1,373.00	\$45.00	3.28%	\$192,782.00
Subtotal					\$180.00	13.11%	\$771,476.00
VPI&SU	Administrative Services Building	\$12,000,000	Institutional Funds	\$1,081.00	\$0.00	0.00%	\$0.00
VPI&SU	Campus Heat Plant	\$11,500,000	Student Fee/Steam Charge	\$1,081.00	\$8.00	0.74%	\$22,081.00
VPI&SU	Engineering Computational Sciences Bldg	\$3,833,000	Gifts/Indirect Cost Recs	\$1,081.00	\$0.00	0.00%	\$0.00
VPI&SU	Indoor Athletic Training Facility	\$25,000,000	Gifts	\$1,081.00	\$0.00	0.00%	\$0.00
VPI&SU	Inst for Critical Tech and Applied Sci II	\$17,500,000	Gifts/Indirect Cost Recs	\$1,081.00	\$0.00	0.00%	\$0.00
VPI&SU	Visitors and Admissions Center	\$5,250,000	Private Funds	\$1,081.00	\$0.00	0.00%	\$0.00
VPI&SU	Veterinary Medicine Instruction Addition	\$1,400,000	U. Maryland capitation fee	\$1,081.00	\$0.00	0.00%	\$0.00
VPI&SU	Sciences Research Laboratory I	\$22,000,000	Gifts/Indirect Cost Recs	\$1,081.00	\$0.00	0.00%	\$0.00
Subtotal					\$8.00	0.74%	\$22,081.00
VSU	Rogers Stadium Renovation	\$2,600,000	Student Fee	\$2,517.00	\$52.00	2.07%	\$66,131.00
VSU	Student Housing Renovation	\$1,400,000	Student Fee	\$2,517.00	\$27.00	1.07%	\$34,374.00
Subtotal					\$79.00	3.14%	\$100,505.00
Total		\$279,833,500					\$1,796,057.00

Christopher Newport University

Freeman Center Addition

\$10.7 million

This project was initially included in the University's 2000-2006 Six-Year Capital Plan. The extensive use of the fitness pavilion by all students, the increasing use of the arena for intramurals, and projected increases in the number of residential students indicate that an addition to the Freeman Center is necessary. During the 2004-05 academic year the Freeman Center on average logged over 20,000 users a month. The University requests approval of this project to construct a 25,000 square foot addition to the Freeman Center. The additional space will support a second fitness center (10,000 sq. ft.) and an auxiliary gymnasium (15,000 sq. ft.).

Athletics Expansion II

\$8.3 million

The project supports new construction, facility improvements and property acquisition. It includes phase II of the baseball stadium, construction of a lacrosse field, expansion of the tennis facilities, and completion of the field hockey and softball fields. It will also allow for the establishment of intramural courts and fields on the East of Warwick campus, the replacement of the outdoor track surface, establishment of sports turf on one athletic field and the addition of lights to all of the athletic fields.

College of William and Mary

Underground Utilities Improvement

\$5.2 million

The Project itself will replace antiquated high temp hot water and steam heating systems which emanate from a central heating plant. The 2006-08 project is the midpoint of a multi-phase, multi-biennia project which started back in 1993. The College recognized then that the central plant was operating past its lifecycle, and that replacement of a centralized system required thoughtful study and not a one-size-fits-all approach. The College has been systematically improving its centralized heating system by putting into place a mix of stand-alone and satellite plants with the addition of a cooling component.

Construct New Dorm

\$2 million

In November 2004, the College requested a \$4.2 M budget increase to cover steep cost escalations in the construction market, and an increase in project scope (build-out of attic). The increase was requested in advance of the final construction bid, and based on the architect's and independent estimator's estimates; however, both estimates proved incorrect. Instead of a 10%-13% increase, the final GMP saw a 24% escalation over the original project budget, exclusive of the increase in scope.

The College sought and was granted \$2.0 M in additional HEO authority to cover the scope increase, subsequent to the \$4.2M. Now, the College seeks \$2.0M in 9(d) authority to supplant the \$2.0 M in HEO funds.

Construct Integrated Science Center

\$3 million

This project renovates and expands Rogers Hall, and constructs a new 125,000 GSF addition to Rogers to create the Integrated Science Center. This \$54M complex will house teaching and research for the Biology and Chemistry departments. The College seeks an increase in the project budget to accommodate the latest construction estimate. The program has not changed nor increased from the previous project request which consolidated the programs of Rogers and Millington Halls into the single Integrated Science Center project.

George Mason University

Welcome Center and Road Realignment

\$7.5 million

This proposed capital project consists of new construction of the Welcome Center and realignment of the Patriot Circle internal campus road, in conjunction with the construction of Student Housing VIIC. The Welcome Center will support the offices of University Relations, and admissions, as well as host University tours/gatherings and become the primary meeting space for University visitors. The facility will be approximately 20,000 gsf and consist of offices, large gathering space, auditorium, lobby and restrooms. The realignment of Patriot Circle reflects changes to the surrounding City/County roads, which will tie into this new road network.

Physical Education Addition Phase II

\$8.2 million

This proposed capital request will add an additional 23,500 gsf to the existing building and consist of 4 racquetball, 2 squash and 2 basketball courts as well as an indoor running/jogging track. In addition, this project will complete the renovation and upgrade of the adjacent Robinson Field, an intramural and club sport facility. This project also adds 10,400 gsf to facilities outside of the Physical Education building such as new grandstands for 1,500 patrons, public amenities, tournament locker rooms, and facilities on the perimeter of Robinson Field.

Academic VI/Research II

\$15.4 million

This proposed capital project is to construct a new 180,000 gsf Academic VI/Research II facility on the Fairfax campus. This facility will consist of general classrooms, faculty offices, instructional and research labs. In addition, this project

will expand the University's central heating and cooling generation and the distribution systems, since completion of this project will outstrip existing capacity.

Renovate Student Union II

\$4 million

The proposed capital budget request is to renovate the former dining hall facility (25,183 sf), to be vacated by the construction of the new replacement facility with housing VII/Student Union III/North Loop Infrastructure. This renovation will provide flexible office space in Student Union II, and when completed, will center most student services in a single space and provide a "one stop shop" environment to ease access to those student services.

Patriot Center Addition

\$5.2 million

This proposed capital project will add a 20,000 gsf practice facility to the existing Patriot Center for use by the men's and women's basketball programs. This addition will also provide space for academic advising for student athletes. The facility will include basketball courts, a weight room, classrooms and office space.

Field House Addition

\$4.8 million

This proposed capital project will add 13,000 sf to the Field House for practice and training areas on the west side of the Fairfax Campus. Completion of this project will add space to meet the critical shortfall in practice, and strength and conditioning area. In addition, this project renovates 21,800 gsf of existing court and track surfaces on the main indoor track and infield facilities. Finally, this project will add lighting capability to adjacent outdoor tennis courts that will allow the University to host multi-school tennis tournaments.

Physical Plant Building and Renovation

\$3.5 million

This proposed capital project is to construct a new 30,000 GSF Physical building and to renovate the current 12,000 GSF facility. The additional space will add much needed space for the various Physical Plant shops: carpentry, plumbing, painting, signs, HVAC, EMS, PM, electric, utilities, grounds and administrative space for: work control, project management, and a training room. The renovation will allow for more efficient layouts of the remaining shops and correct code and safety issues, and realign the existing building to the increasing needs of the Physical Plant.

James Madison University

Bridgeforth Stadium Renovation and Expansion

\$10 million

Bridgeforth stadium was opened in 1975 and has not had a comprehensive renovation since that time. The stadium needs major renovations to all its primary

building systems, plumbing, electrical, mechanical and telecommunications, and considerable renovation and expansion to meet federal Americans with Disabilities Act (ADA) accessibility guidelines and update bathroom facilities, which are inadequate in number and do not meet current code.

Old Dominion University

Quad Parking Structure

\$8.8 million

The University proposes to design and construct a new 650 space multi-level parking garage structure on the Norfolk campus adjacent to the new 900-bed student housing community located at the center of the campus and the proposed 1,200 seat Performing Arts Complex.

H & PE Building Renovation

\$6.2 million

The H&PE Renovation would upgrade the current facility for student recreational usage, and renovate the instructional labs, classrooms, and support areas for the Exercise Science, Sport, Physical Education and Recreation (ESPER) Program. The primary reason for the need for increased authority is due to the considerable spike in construction costs, especially those associated with large scale renovations. In addition, subsequent code reviews have now required a considerable increase in code-mandated requirements such as increased sprinkled areas, greater fire suppression measures, and other non-program elements. The A/E has completed a detailed study with the recommendation that the current facility be demolished (with the exception of the aquatics area) and the project's program be incorporated into a newly constructed student recreation center (as well as new instructional labs, classrooms, and support areas for the ESPER Program).

Athletic Facilities Expansion

\$0.7 million

Old Dominion University has advanced a University Wide Masterplan Update Initiative. Included in this initiative is an Athletics/Recreation Facilities Study for the entire Recreation and Intercollegiate Athletics areas at ODU. This study is all-inclusive for these areas and includes building structures, fields, open areas, and the ODU Elizabeth River Waterfront. This planning document addresses current and future student enrollment, current and future staff levels, and current and future facilities to support the Intercollegiate and Recreational needs of the students and staff of ODU, as well as the residents of the surrounding community. This request also seeks to make the Wrestling facilities an addition to the Athletic Administration Building—a more compatible location and one that was planned for a later phase of the Athletic Administration Building.

University of Mary Washington

Convocation Center Increase

\$5 million

To defray cost increases related to the construction of a 120,000 sq. ft. multi-use facility connected to the current gymnasium and student fitness center. Will include athletic and physical education facilities and will be suitable as a venue for convocation and graduation ceremonies as well as other large gatherings. The project for \$25 million has already been authorized.

University of Virginia

Main Heating Plant Environmental Upgrade

\$5.2 million

This project will provide environmental controls at the University's Main Heating Plant, which provides steam and hot water to a majority of the University campus. It is needed to provide environmental controls that are required for the University to remain compliant with federal and state clean air regulations and to meet the terms of a new Air Quality Permit, which is being formalized with the Virginia DEQ. Resolution of the permit issues, plus the work of this project, will also allow increased steam generation.

Virginia Commonwealth University

West Grace St. North Housing

\$10 million

This project provides for the construction of approximately 65,000 square feet of dormitory space on West Grace Street to house 175 students in two and four bedroom units. The life expectancy of this new facility is a minimum of 50 years. The scope of work for this project was developed on the basis of the existing demand for on campus student housing and previous University housing projects.

School of Dentistry Renovation

\$1.4 million

This renovation project is a series of relatively small projects, and generally fit into one of four categories: building systems improvements or replacement, exterior repair, general space renovation and asbestos abatement. The building systems projects include upgrading electrical system panels, mechanical system improvements and replacement, building fire alarm system upgrades, and a new fire sprinkler system. Exterior work includes new window system for the Lyons Building, re-pointing of masonry for the Wood Memorial Building and general site work & repair. Space renovation includes about 15,000 GSF of work. Asbestos abatement includes

126,000 GSF of floor tile removal, 30,000 GSF of intensive abatement work and 18,000 GSF of abatement work above concealed ceilings.

School of Dentistry Addition

\$1.5 million

This four-story, 53,600 GSF addition will span the north end of two existing buildings and will connect at all floors above grade. It will also serve to accommodate patient drop-off for the public and accessible parking. The building addition will support increased student enrollment by expanding the existing dental clinic, and adding class room space. The top floor will contain state-of-the-art research laboratory space. The addition will provide space for clinical operations for expanded general dentistry and dental hygiene operatories, dental hygiene classrooms to accommodate increased enrollment, a conference facility, research space with expandable bays, and offices for investigators. (Only a portion of this approximately \$15 million project will be debt financed).

Rhoads Hall Renovation

\$7 million

This project will be the first phase of a two-phase project that will upgrade the 17-story Rhoads Hall student residence hall from a sixty's-era dormitory with shared rooms and community bathrooms at the end of the hall to a modern residence hall with suite-style living. There continues to be a great demand for on-campus student housing and the upgrade of this facility will ensure that the inventory of residence rooms meets the standards expected by today's students.

Medical Sciences Building Phase II

\$5.4 million

A new 125,000 GSF research laboratory building will be constructed on the site of the existing (to be demolished) Nursing Education Building on Broad Street. It will consist of an eight-story building plus partial basement, with an average floor plate of approximately 15,000 GSF. One floor will support vivarium animal space, and there will be seven research laboratory floors. Each laboratory floor will include approximately 10,000 NSF, consisting of roughly 4,000 NSF wet-type laboratory, 3,500 NSF of lab support, and 2,500 NSF of office / conference (non-lab) type space. Lab support will include such elements as cold rooms, tissue culture labs, instrumentation / equipment rooms, glass wash, etc. A bridge connection will be provided at designated levels from the new building to the existing Medical Sciences Building. The two buildings will also be linked at grade and at the existing utility tunnel level with a partial basement. (Only a portion of this approximately \$57 million project will be debt financed).

Athletics Operations Facility

\$10 million

This project includes new construction of a 29,000 GSF facility to house locker rooms, an equipment issue room, a practice gymnasium, coach's offices, storage space, a team lounge, laundry and related support space.

Athletics Field House

\$11 million

This project consists of the new construction of a 52,000 sq. ft. athletics field house. The major component of the field house would be an artificial surface surrounded by a jogging track. The building will be single story, high bay space, with a masonry exterior. Locker rooms, offices and ancillary space are also included.

Cabaniss Hall Renovation

\$8.7 million

This project will upgrade the ten-story Cabaniss Hall from a sixties-era dormitory of shared rooms with community bathrooms at the end of the hall to a modern residence hall of suite style living. There continues to be a great demand for on-campus student housing and the upgrade of this facility will ensure that the inventory of residence rooms meets the standards expected by today's students.

Belvidere and Grace Street Deck

\$9 million

This project provides 500 parking spaces in a four-story deck constructed on an existing parking lot fronting Belvidere Street, as Phase 1 of an eventual capacity of 800 cars. The deck will be constructed of pre-cast concrete with an expected building life of 50 years. The ground floor will house approximately 6,000 square feet of VCU administrative "storefront" space. The project is to be funded by a combination of parking and University Fee revenues.

Virginia Polytechnic Institute and State University

Administrative Services Building

\$12 million

This project request is to complete the original vision of improved administrative services to the campus community by constructing a new 48,000 gross square foot building with an open floor plan and modular design for flexibility and cost efficiency. Many of the administrative functions now housed in leased space or located in detached areas of campus will be consolidated in the new facility. The building may also house academic units that may operate successfully away from the core of campus.

Campus Heat Plant

\$11.5 million

This emergency request will provide authorization and funding for a comprehensive heating facility to ensure campus utilities operate effectively and that

campus operations are not compromised. The proposed solution is envisioned to include heat production (added source of heat equivalent to 100,000 pounds per hour of steam), an improved and enlarged distribution system (reconfiguration of lines to stop bottle necking and choking of the steam) and improvements within the existing Power House to increase efficiency of operations.

Engineering Computational Sciences Building \$3.8 million

The proposed building will provide a highly advanced computing infrastructure with considerable flexibility in its instructional spaces and research laboratories to meet these program needs. The computing infrastructure will include state-of-the-art wired and wireless communication services and provide abundant electrical and HVAC capacity to support large-scale servers and computer clusters. These servers and clusters provide the backbone of the technical infrastructure underlying the learning environment and are themselves objects of study for advanced courses in high performance computing and grid computing. The flexibility will permit the adaptation over time to the evolution of new technologies, shift in research programs, repurposing of teaching laboratories, and experience with the subtle effects of the spatial arrangements on student culture and community. (Only a portion of this approximately \$23 million project will be debt financed).

Indoor Athletic Training Facility \$25 million

The proposed project will provide a state-of-the-art training facility for the football program that will include capacity for full-speed workouts and drills that can not be practiced in the current facility because of size constraints. As an illustration, passing plays and kicking plays can not be practiced at full speed or execution because of the limited width and height of the existing building. These constraints are limiters that need to be addressed to continue progress on the university's growing presence in the Atlantic Coast Conference.

Institute for Critical Technology and Applied Science II \$17.5 million

The Critical Technologies Research Laboratory Building proposal calls for new construction of a state-of-the-art research facility with highly specialized research laboratories that will support both applied and fundamental research in several multidisciplinary areas including biomedical engineering, bioengineering, biomaterials, bio-nanotechnology, communications technology, and sensor technology. These programs are instrumental in the University's progress toward a premier position in life sciences research.

The program for this scientific research laboratory building calls for 77,000 gross square feet of research space to support approximately 27 research faculty, 9 support personnel, and 128 doctoral and post doctoral students. The building is envisioned to be located on-campus and adjacent to the existing life sciences

buildings including Bioinformatics, Biology Laboratory, Vivarium, Veterinary Medicine, and Animal Sciences.

Visitors and Admissions Center

\$5.3 million

This is a new project on the university's capital plan and is included in the first biennium as a high priority in order to solve long standing problems in assisting and directing visitors, especially prospective students, on the campus. The project request is for new construction of an 18,000 gross square-foot stand-alone building at the new main campus entryway off Prices Fork Road, as envisioned by the university master plan. This new entryway is on the opposite side of campus from the current visitors center.

Veterinary Medicine Instruction Addition

\$1.4 million

The Addition to the Veterinary Medicine Instruction Facility has been on the university's plan since 1993, formerly titled Veterinary Medicine Addition. This project requests authorization to construct an addition of about 31,000 gross square feet for faculty office and related workspace. The existing space will be renovated for faculty office space as part of the project to minimize the amount of new construction. The scope of the project was established based conservatively on the amount of space needed to relieve overcrowding of the existing faculty and to accommodate planned hires.

Sciences Research Laboratory I

\$22 million

This project has been on the university's capital plan since 2003, formerly called Life Sciences Research Facility. This project requests an authorization for new construction of a 93,300 gross square foot scientific laboratory facility to fully support interdisciplinary science research focused on Geosciences. The building will be 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 that are growing in enrollment and extramural research funding. The project scope is based on a thorough analysis of the geosciences program needs to accommodate the state-of-the-art laboratory requirements for 30 faculty and 90 graduate students.

Virginia State University

Rogers Stadium Renovation

\$2.6 million

This project provides for \$2.6 million in 9(d) bond revenues to address the higher costs associated with the completion of renovations to Rogers Stadium. Construction costs were higher than anticipated in Phase I, and as a result additional funds are required in Phase II to complete critically needed renovations at Rogers Stadium (this debt is being added to the existing debt for this project already approved). Renovations are needed to obtain an adequate code compliant athletic facility.

Student Housing Renovation

\$1.4 million

This project provides for \$1.4 million in 9(d) bond revenues to perform critically needed renovation to eliminate the mold problem in the University's Student Village Housing. The mold problem represents a serious health issue that needs to be addressed and remedied. This project is a renovation of the existing Student Village Housing heating, ventilation, and air conditioning system in the Student Village Housing facilities to better control the indoor air environment and eliminate the conditions which promote mold growth.

