

**VIRGINIA TECH**  
**FISCAL YEAR 2015**  
**CAPITAL OUTLAY PROJECT AUTHORIZATIONS**  
**as of May 31, 2014**

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(1) This report includes expenses as of May 31, 2014. Thus, the estimated expenses for FY2014, and the current balance on June 30, 2014, may vary slightly depending on the level of expenses recorded during June 2014.

**EDUCATIONAL AND GENERAL CAPITAL PROJECT AUTHORIZATIONS FOR FISCAL YEAR 2015**

**(Dollars in Thousands)**

**as of May 31, 2014**

	TOTAL PROJECT AUTHORIZATION					ESTIMATED TOTAL EXPENSES June 30, 2014	ESTIMATED BALANCE AVAILABLE FOR FY2015	ESTIMATED ANNUAL BUDGET FY2015	ESTIMATED BALANCE AT CLOSE OF FY2015
	STATE SUPPORT	GENERAL OBLIGATION BONDS	NONGENERAL FUND	AGENCY DEBT	TOTAL				
<u>Educational and General Projects</u>									
<u>Educational and General Maintenance Reserve</u>									
Maintenance Reserve	\$ 6,975	\$ 0	\$ 0	\$ 0	\$ 6,975	\$ 0	\$ 6,975	\$ 6,975	\$ 0
<u>Design Phase</u>									
Address Fire Alarms and Access	5,501	0	0	0	5,501	400	5,101	1,700	3,400
Classroom Building	40,851	0	0	0	40,851	3,279	37,572	14,400	23,172
Planning: Academic Buildings Renewal	0	0	1,890	0	1,890	1,348	542	542	0
Planning: Improve Kentland Facilities	0	0	1,500	0	1,500	200	1,300	530	770
<u>Construction Phase</u>									
Marching Virginians Practice Facility	0	0	4,750	0	4,750	400	4,350	3,300	1,050
Renovate Davidson Hall	31,119	0	0	0	31,119	30,727	392	392	0
Signature Engineering Building	47,609	0	18,650	28,959	95,218	77,191	18,027	16,000	2,028
<u>Close-Out</u>									
Academic and Student Affairs Building	0	0	0	45,153	45,153	43,827	1,326	491	835
Chiller Plant, Phase I	12,059	0	400	7,639	20,098	19,878	220	220	0
Human & Agricultural Biosciences Building I	53,759	0	0	0	53,759	53,138	621	621	0
Performing Arts Center	27,387	0	32,565	40,135	100,087	99,277	810	810	0
<u>On Hold</u>									
Blanket: E&G Research Projects	0	0	3,500	0	3,500	0	3,500	0	3,500
Planning: Sciences Building Laboratory I	0	0	0	0	0	0	0	0	0
<b>Total Educational and General Projects</b>	<b>\$ 225,260</b>	<b>\$ 0</b>	<b>\$ 63,255</b>	<b>\$ 121,886</b>	<b>\$ 410,401</b>	<b>\$ 329,665</b>	<b>\$ 80,736</b>	<b>\$ 45,981</b>	<b>\$ 34,755</b>

**AUXILIARY ENTERPRISE CAPITAL PROJECT AUTHORIZATIONS FOR FISCAL YEAR 2015**

**(Dollars in Thousands)**

**as of May 31, 2014**

	TOTAL PROJECT BUDGET AUTHORIZATION					ESTIMATED TOTAL EXPENSES June 30, 2014	ESTIMATED BALANCE AVAILABLE FOR FY2015	ESTIMATED ANNUAL BUDGET FY2015	ESTIMATED BALANCE AT CLOSE OF FY2015
	STATE SUPPORT	GENERAL OBLIGATION BONDS	NONGENERAL FUND	AGENCY DEBT	TOTAL				
<u>Auxiliary Enterprises Projects</u>									
<u>Auxiliary Maintenance Reserve</u>									
Maintenance Reserve	\$ 0	\$ 0	\$ 18,928	\$ 0	\$ 18,928	\$ 0	\$ 18,928	\$ 7,000	\$ 11,928
<u>Design Phase</u>									
Planning: Health Center Improvements	0	0	0	200	200	10	190	190	0
Planning: South Recreation Field Surface Replacement	0	0	0	230	230	65	165	165	0
<u>Construction Phase</u>									
Indoor Athletic Training Facility	0	0	21,300	3,700	25,000	1,508	23,492	18,900	4,592
Unified Communications and Network Renewal	0	0	4,500	12,008	16,508	10,890	5,618	2,809	2,809
Upper Quad Residential Facilities	0	0	17,662	72,338	90,000	6,504	83,496	14,400	69,096
<u>Close-Out Phase</u>									
Phase IV of Oak Lane Community (House 1)	0	0	6,002	0	6,002	5,881	121	121	0
<u>On Hold and Not Funded</u>									
New Residence Hall II	0	0	0	27,000	27,000	182	26,818	0	26,818
Parking Blanket Authorizations Balance	0	0	0	16,547	16,547	0	16,547	0	16,547
Phase IV Oak Lane Community	0	0	0	17,498	17,498	0	17,498	0	17,498
Total Auxiliary Enterprise Projects	\$ 0	\$ 0	\$ 68,392	\$ 149,521	\$ 217,913	\$ 25,040	\$ 192,873	\$ 43,585	\$ 149,288
GRAND TOTAL ALL CAPITAL PROJECTS	<u>\$ 225,260</u>	<u>\$ 0</u>	<u>\$ 131,647</u>	<u>\$ 271,407</u>	<u>\$ 628,314</u>	<u>\$ 354,705</u>	<u>\$ 273,609</u>	<u>\$ 89,566</u>	<u>\$ 184,043</u>

## NARRATIVE DESCRIPTIONS OF CAPITAL PROJECTS

### Educational and General Projects

Maintenance Reserve: Since 1982, the Commonwealth has allocated General Fund support for preserving and extending the useful life of state-owned E&G facilities. This ongoing project covers a wide range of building and campus infrastructure repair and replacement work.

Address Fire Alarms and Access Planning: This project is for the needed health, safety, and accessibility improvements in several E&G facilities on campus.

Classroom Building Planning: This project is for planning the construction of a 73,000 gross square foot state of the art classroom building.

Academic Buildings Renewal Planning: This project is for planning the renovation and renewal of three academic buildings located within central campus on the drillfield: Sandy Hall, Davidson Hall Phase II, and the Liberal Arts Building.

Improve Kentland Facilities Planning: This project is for the planning the replacement of several dairy science research facilities with modern agricultural facilities that meet the needs of research projects that support industry and government.

Marching Virginians Practice Facility: This project will construct a facility to accommodate the practice needs of the Marching Virginians that includes a practice facility, a covered open air pavilion, and an artificial turf field. Design work is underway for the building components and sitework is underway for the field component. This project is anticipated to be completed in summer 2015.

Renovate Davidson Hall: This project is for the first phase of the renovation of Davidson Hall, which is envisioned to raze and fully replace the unrecoverable center and north section of the building. The project is under construction and will be completed summer 2014.

Signature Engineering Building: This project will construct a 154,900 gross square foot classroom and laboratory facility for undergraduate and research programs in the College of Engineering. This project is under construction and will be completed summer 2014.

Academic and Student Affairs Building: This project encompasses the construction of a facility on the north side of campus to house dining and shared instructional space. The project was completed in August 2012.

Chiller Plant, Phase I: This project is for a central chiller plant facility in the southwest section of campus as part of a strategy to increase the efficiency of campus cooling systems and to serve new buildings coming on line in the area. The project was completed in July 2013.

Human and Agricultural Biosciences Building I: This project will construct a laboratory building to provide expanded, modern research space to meet the needs of animal and plant science research by the Agricultural Experiment Station in the College of Agriculture and Life Sciences. The project was completed in January 2014.

Performing Arts Center: This project will construct a state-of-the-art performance theatre and creative arts laboratory. The project was completed in October 2013.

E&G Blanket Authorization – E&G Research Projects: Blanket Authorizations allow unforeseen renovation needs to be authorized administratively for expediency. Financial support for projects must be 100 percent non-general fund. There are no current active projects within the blanket authorization at this time.

Sciences Building Laboratory I Planning: This project is to plan an 80,000 gross square foot instruction and research laboratory facility to support interdisciplinary science programs.

### Auxiliary Enterprise Projects

*(The following projects are supported by revenues from auxiliary enterprise operations and private gifts donated for specific uses.)*

Maintenance Reserve: The auxiliary Maintenance Reserve program was initiated in 1994 to preserve and extend the useful life of auxiliary enterprise facilities. The program covers 93 assets with a total replacement value of \$1 billion. This project covers a wide range of building infrastructure repair and replacement work. The resources to support this program are provided by the auxiliary units.

Health Center Improvements Planning: This project will plan a 3,000 gross square feet one story addition to the east wing of McComas Hall and a renovation of 1,700 gross square feet to an interior portion of the existing Schiffert Health Center.

South Recreation Field Surface Replacement Planning: This project will plan the replacement of the remaining natural turf south recreation field surface with a synthetic turf playing surface. The project would create a multi-purpose area that may be arranged as six flag football fields, or six soccer fields, or four 300-foot softball fields. The south recreation field area would be fenced and lit. A nine foot asphalt path would be constructed around the field to allow for maintenance vehicle traffic and to create a jogging/walking path.

Indoor Athletic Training Facility: This project will build a new field house to increase the availability of indoor training time for the football program and other athletic programs. A design-build contract has been finalized. Construction activity is expected to start in July 2014 with substantial completion expected in August 2015.

Unified Communications and Network Renewal: This project includes improvements to four complementary communication infrastructure components. The four components include a unified communications system, upgrading the Internet Protocol (IP) Network, upgrading the cable plant, and upgrading equipment rooms in various facilities. This work for this project is underway and is anticipated to be complete in spring 2016.

Upper Quad Residential Facilities: This project replaces Rasche and Brodie with two new residential facilities and razes Thomas and Monteith. The project is under construction and is anticipated to be complete by fall semester 2017 based on an anticipated four year construction schedule.

Phase IV of Oak Lane Community: This project establishes the necessary site improvements and construction of the first house at Oak Lane Community, Phase IV. This subproject is complete and is awaiting LEED certification. The subproject was delivered under a Public-Private Partnership Agreement.

New Residence Hall II: This project envisions a new residence hall of approximately 250 beds. Cost estimates exceed the project budget and the project is on hold while the university explores alternatives. Funding for the project may be considered pending a program plan and financial plan.

Parking Blanket Authorizations Balance: The purpose of this unfunded parking blanket authorization balance is to complete future improvements and repair projects for the parking system as specific needs are identified and as funding becomes available.

Phase IV Oak Lane Community Remaining Authorization: This is the remaining authorization of the \$23.5 million Oak Lane Community, Phase IV project. The remaining Oak Lane Community expansion, houses two through five and their necessary site improvements, may be constructed as organizations come forward with plans and commitments for their one-third funding requirement per house.

**CAPITAL PROJECTS TARGETED TO CLOSE IN FISCAL YEAR 2014**

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**as of May 31, 2014**

	TOTAL PROJECT AUTHORIZATION				ESTIMATED TOTAL EXPENSES June 30, 2013	ESTIMATED UNUSED AUTHORIZATION BALANCE June 30, 2013
	STATE SUPPORT	GENERAL OBLIGATION BONDS	NONGENERAL FUND	AGENCY DEBT		
<u>Educational and General Projects</u>						
Total Educational and General Projects	\$0	\$0	\$0	\$0	\$0	\$0
<u>Auxiliary Enterprises Projects</u>						
Campus Fiber Optic Improvement Project	\$0	\$0	\$2,000	\$0	\$2,000	\$1,762
Repair McComas Hall Exterior Wall Structure, Ph III	0	0	3,375	0	\$3,375	\$0
Total Auxiliary Enterprise Projects	\$0	\$0	\$5,375	\$0	\$5,375	\$238
Total Projects Closed in Fiscal Year 2014	<u>\$0</u>	<u>\$0</u>	<u>\$5,375</u>	<u>\$0</u>	<u>\$5,375</u>	<u>\$238</u>