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May 23, 2006

**TO:** Dr. Layton McCurdy, Chair, and Members, Commission on Higher Education  
**FROM:** Rosemary Byerly, Chair, Committee on Finance and Facilities *RB Byerly*  
**SUBJECT:** Recommendations of the Committee on Finance and Facilities

The Committee on Finance and Facilities met on May 22 to review and consider the following projects:

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If you have any questions about a particular item, or if you need additional information, please contact me or Lynn Metcalf at (803) 737-2265.

Descriptions of Interim Capital Projects for Consideration  
June 1, 2006

**SC State University**

Hodge Hall Renovations &                      \$ 9,355,025    -increase budget  
Expansions  
(Previous Budget = \$12,144,975)

Source of Funds:                                      \$ 9,355,025    -institution (tuition) bonds

Proposed Budget:	\$ 17,300,000	-new construction (60,000 GSF)
	1,500,000	-professional services fees
	1,000,000	-furniture
	950,000	-contingency
	<u>750,000</u>	-interior building renovations (10,000 GSF)
Total:	\$ 21,500,000	

**Description**

This project consists of renovations to the existing Hodge Hall Science building. A March 2005 Facilities Condition Assessment prepared by Sodexo Campus Services showed more than \$3 million of deferred maintenance in the existing facility. This project will address those deficiencies, as well as improvements needed in various laboratory and classroom spaces.

In addition, this project will expand Hodge Hall by adding nearly 70,000 sq. ft. of space for more research and teaching laboratories, innovative classrooms, a greenhouse, administrative and faculty office space and other support spaces. The cost per square foot is \$258, which also includes renovation of 10,000 sq. ft. This addition will house facilities for the Biology, Chemistry and Physics programs. Also included in this project is the demolition of an existing building and site development to support additional parking. The additional \$9.355 million is needed to complete the project.

In 1999, the University received \$10 million in Capital Improvement Bonds to expand Hodge Hall Science Building. The original funding was based on a program document completed in 1996. In 2005, the University completed a more comprehensive program analysis, which indicated that a total development cost of \$21.5 million is needed to expand and partially renovate Hodge Hall. This project is necessary to bring the Science Facilities up to date. This will allow the University to continue to improve the quality of Science Studies for a traditionally underrepresented population.

**E&G Deferred Maintenance Reduction:**

*The renovations will alleviate a portion of the \$4,461,999 in existing deferred maintenance in the building.*

**Annual Operating Costs/Savings:**

*Utilities, a custodian, and insurance are projected to generate an additional \$95,067 in costs in FY 2009. The cost is \$97,919 for FY 2010 and \$100,857 for FY 2011. The costs will be absorbed into the existing budget.*

### Recommendation

The Committee on Finance and Facilities recommends approval of this project as proposed.

### SC State University

Engineering/Computer Science                      \$ 27,000,000 -establish project  
Complex

Source of Funds:                                      \$ 27,000,000 -institution (tuition) bonds

Proposed Budget:	\$ 17,000,000	- new construction (50,000 GSF)
	3,000,000	-interior building renovations (31,000 GSF)
	2,000,000	-professional services fees
	2,000,000	-contingency
	800,000	-equipment and/or materials
	700,000	-site development
	500,000	-utilities renovations
	500,000	-furniture
	300,000	-exterior building renovations
	100,000	-landscaping
	<u>100,000</u>	-labor cost
Total:	\$ 27,000,000	

### Description

The project is for the renovation of the Harold Crawford Engineering Hall and the construction of a 60,000 sq. ft expansion. The cost per square foot is \$247 which also includes renovation of 31,000 sq. ft. Included in the complex is teaching and research labs, innovative classrooms, office spaces and other support spaces. Also included is the demolition of several existing buildings and site development to support additional parking.

The Crawford Engineering building is listed on the National Register of Historic Places and has major deferred maintenance items. This project would restore the historical character of the building while upgrading it to a modern teaching space. Additional space is needed to accommodate the growth in enrollment expected in the Engineering and Computer Science programs with the new Nuclear Engineering program underway and the National Accreditation in 2004 of the Computer Science Program.

### E&G Deferred Maintenance Reduction:

*The renovations will alleviate a portion of the \$3,207,434 in existing deferred maintenance in the building.*

### Annual Operating Costs/Savings:

*Utilities, a custodian, maintenance and insurance are projected to generate an additional \$306,840 in costs in FY 2009. The cost for FY 2010 is \$316,045 and \$325,526 for FY 2011. The costs will be absorbed into the existing budget.*

### Recommendation

The Committee on Finance and Facilities recommends approval of this project as proposed.

### **Comprehensive Permanent Improvement Plans**

Each institution responsible for providing and maintaining physical facilities is required to submit a Comprehensive Permanent Improvement Plan (CPIP). Each institution's complete CPIP covers five fiscal years and is submitted to the Commission on Higher Education for consideration each year. The entire CPIP of each college and university is submitted to CHE to review and forward recommendations to the Joint Bond Review Committee and the Budget and Control Board. The Commission's consideration today will be for the specific approval of Year One projects and the entire CPIP (in concept) for submission to the Joint Bond Review Committee and the Budget and Control Board.

The first year of the CPIP (Year 1) includes all permanent improvement projects expected to be implemented with funds already available or expected to be available during the 2006-07 fiscal year. The purpose of year one of the CPIP is to approve at one time each institution's permanent improvement plans for the coming year, except for emergencies and other unanticipated needs. Once these projects are approved by CHE, the institutions may initiate the projects, with staff concurrence, at any time during the coming year as funds become available and if no substantive changes are involved.

The second year of the CPIP (Year 2) includes, but is not limited to, new requests for Capital Improvement Bond (CIB) funds for the 2007-08 fiscal year. These projects are included in summary format. The second year requests for CIB funds have been scored according to CHE criteria and will be considered later in the meeting. The recommendations will be submitted in the fall as part of the Commission's annual budget request.

The third, fourth, and fifth years of the CPIP represent the institutions' long term plans and are presented for information only.

## **2006 CPIP - Year One Summary**

### **Projects Require CHE Approval**

<b>Institution</b>	<b>Project</b>	<b>Project Amount</b>	<b>Proposed Source of Funds</b>
The Citadel	No Projects in Year 1.	-	-
Clemson	Newman Hall Addition/Renovation - Phase I	\$4,500,000	Institutional Capital Project Funds (ICPF) & Private Funds
	Rhodes Hall Addition	\$9,000,000	Reallocation of Capital Improvement Funds
Coastal Carolina	No Projects in Year 1.	-	-
College of Charleston	St. Philip/George/Coming Street Improvements	\$2,500,000	Institutionally-Generated Funds
Francis Marion	No Projects in Year 1.	-	-
Lander	No Projects in Year 1.	-	-
MUSC	Deferred Maintenance	\$2,630,000	General Univ. Funds & Excess Debt Service Funds
SC State	SHM Pool Expansion & Renovation	\$2,100,000	Institutional Capital Project Funds
	Turner Hall D-Wing Façade & Roof Repair - Phase II	\$4,000,000	Institutional Capital Project Funds
Winthrop	Student Center Renovation	\$21,000,000	Institutional Bonds & Food Service Operation Funds
USC-Aiken	No Projects in Year 1.	-	-
USC-Beaufort	No Projects in Year 1.	-	-
USC-Columbia	No Projects in Year 1.	-	-
USC-Lancaster	No Projects in Year 1.	-	-
USC-Salkehatchie	No Projects in Year 1.	-	-
USC-Sumter	No Projects in Year 1.	-	-
USC-Union	No Projects in Year 1.	-	-
USC-Upstate	No Projects in Year 1.	-	-
Aiken TC	No Projects in Year 1.	-	-
Central Carolina TC	No Projects in Year 1.	-	-
Denmark TC	No Projects in Year 1.	-	-
Florence-Darlington TC	Building 5000 First Floor Renovation	\$700,000	Local Funds
Greenville TC	No Projects in Year 1.	-	-
Horry-Georgetown TC	No Projects in Year 1.	-	-
Midlands TC	No Projects in Year 1.	-	-
Northeastern TC	No Projects in Year 1.	-	-
Orangeburg-Calhoun TC	No Projects in Year 1.	-	-
Piedmont TC	No Projects in Year 1.	-	-
Spartanburg TC	No Projects in Year 1.	-	-
TC of Lowcountry	No Projects in Year 1.	-	-
Tri-County TC	No Projects in Year 1.	-	-
Trident TC	Renovate Building 200	\$1,600,000	Local Funds
Williamsburg TC	No Projects in Year 1.	-	-
York TC	No Projects in Year 1.	-	-

## CPIP Year One Descriptions

### The Citadel

No Projects in Year One.

### Clemson University

Newman Hall Addition Renovation – \$ 4,500,000 -renovation/new construction  
Phase I  
(Previous Budget = \$100,000)

Source of Funds: \$ 2,500,000 -private  
2,000,000 -Institutional Capital Project Funds (ICPF)

Proposed Budget:	\$ 3,000,000	-new construction (12,000 GSF)
	400,000	-professional services fees
	400,000	-contingency
	340,000	-equipment and/or materials
	200,000	-site development
	100,000	-landscaping
	50,000	-labor costs
	10,000	-builders risk insurance
Total:	\$ 4,500,000	

### Description

Newman Hall will be renovated for the Departments of Packaging Science and Graphic Communications. The cost per square foot is \$250. This will be a comprehensive renovation including modernization of all building systems – mechanical, electrical, plumbing, life safety, exterior storefront, and interior partitions and functions.

Once renovated, Newman Hall will be a 21<sup>st</sup> century facility that will meet the needs of the Packaging Science and Graphic Communications Department for years to come. Phase I will establish a new element of the building that will allow the next phase to be implemented.

The total projected costs for Phase I is \$ 4.5 million. Phase II is projected to cost \$ 18 million.

The A&E for this project was approved by CHE in March 2005.

### E&G Deferred Maintenance Reduction:

*The renovations will alleviate a portion of the \$3,330,388 in existing deferred maintenance in the building.*

### Annual Operating Costs/Savings:

*Additional utilities and controls contracts are projected to generate \$72,000 in additional costs in FY 2008 and will increase by \$3,000 for the next two fiscal years. The costs will be absorbed into the existing budget.*

**Clemson University**

Rhodes Hall Annex Construction \$ 9,000,000 -renovation/new construction  
(Previous Budget = \$1,000,000)

Source of Funds: \$ 9,000,000 -reallocation of existing bond funds

Proposed Budget:	\$ 6,800,000	-new construction (24,000 GSF)
	1,000,000	-contingency
	600,000	-site development
	500,000	-equipment and/or materials
	75,000	-labor costs
	25,000	-builders risk insurance
Total:	\$ 9,000,000	

**Description**

An annex to Rhodes Hall will be constructed to provide adequate space for research faculty associated with Clemson University's emphasis area of bioengineering and biomedical sciences. The cost per square foot is \$283. The A&E on this project has been approved by CHE for \$1,000,000. This is an addition of \$9,000,000 to the project.

The funding for this project is being sought through legislation that would reallocate existing bond funding from two lower priority facility projects.

**E&G Deferred Maintenance Reduction:**

N/A - New Construction

**Annual Operating Costs/Savings:**

Utilities and maintenance are projected to generate an additional \$90,000 in FY 2009 and \$180,000 in FY 2010 and 2011. The costs will be absorbed into the existing budget.

**Coastal Carolina University**

No projects in Year One.

**College of Charleston**

St. Philip/George/Coming \$ 2,500,000 -renovations  
Street Improvements

Source of Funds: \$ 2,500,000 -institutionally-generated funds

Proposed Budget:	\$ 1,850,000	-other permanent improvements
	500,000	-contingency
	150,000	-professional services fees
Total:	\$ 2,500,000	

**Description**

The project involves narrowing the vehicular lanes on all three streets, widening the sidewalks on St. Philip Street, bricking George Street from St. Philip to Coming Street, installing additional lighting and adding more street trees. All site prep, site work, and drainage upgrades are included.

**E&G Deferred Maintenance Reduction:**

*N/A- infrastructure outside the buildings*

**Annual Operating Costs/Savings:**

*This project will not affect annual operating costs.*

**Francis Marion University**

No projects in Year One.

**Lander University**

No projects in Year One.

**Medical University of South Carolina**

Deferred Maintenance	\$ 2,630,000	-deferred maintenance
Source of Funds:	\$ 2,130,000	-general University funds
	500,000	-excess debt service
Proposed Budget:	\$ 2,052,000	-other permanent improvements
	300,000	-professional services fees
	263,000	-contingency
	<u>15,000</u>	-administrative fees
Total:	\$ 2,630,000	

**Description**

The following is an itemized list of deferred maintenance projects for plan year 2006-2007:

- Sebring Aimar Interior Repairs (IAQ and Moisture Damage)
- CSB Hot Water Reheat (floors 3&4)
- Campus Elevator Upgrades Phase II
- Replace CHP Building HVAC System
- Hollings Old 4th Floor Ceiling Repairs
- BSB Ashley Entrance Door and Fire Door Replacement (safety)
- Repair Fire Doors Across Campus (not inc. BSB – safety)
- Repair Walkways and Drainage in Horseshoe (safety)
- F Bldg. College of Pharmacy Rooms 302A & 302B HVAC Upgrade

**E&G Deferred Maintenance Reduction:**

*The repairs will alleviate a portion of existing deferred maintenance in several campus buildings.*

**Annual Operating Costs/Savings:**

*This project will not affect annual operating costs.*



**SC State University**

Smith-Hammond Middleton Pool                      \$ 2,100,000    -renovations/new construction  
Expansion & Renovation

Source of Funds:    \$ 2,100,000    -institutional capital project fund

Proposed Budget:	\$ 900,000	-new construction (10,000 GSF)
	700,000	-interior building renovations (15,000 GSF)
	240,000	-contingency
	150,000	-professional services fees
	100,000	-equipment and/or materials
	<u>10,000</u>	-builders risk insurance
Total:	\$ 2,100,000	

**Description**

This project is to repair the swimming pool and to construct an additional 10,000 square feet of building space to accommodate a new equipment room, locker room, toilets and office space. The cost per square foot is \$64 which includes renovation of 15,000 sq. ft.

Among the primary issues identified by Woolpert LLP in their development of the University's Master Plan was the lack of indoor recreation facilities for intramural and intercollegiate use. The University does not have an adequate swimming pool to conduct classes for student recreational use, or to host intercollegiate events. Although numerous repairs have been executed in an effort to keep the pool operating in a safe environment, the University has been cited on several occasions by SCDHEC regarding the safety and other conditions associated with the existing pool. The equipment serving the pool is over 34 years old and does not meet today's safety standards. The equipment also requires re-location in order to meet today's standards. In addition, users of the pool have to share the same locker and toilet facilities with the users of the gymnasium, which is a constant scheduling conflict.

**E&G Deferred Maintenance Reduction:**

*The renovations will alleviate a portion of the \$4,436,464 in existing deferred maintenance in the building.*

**Annual Operating Costs/Savings:**

*Utilities, a custodian, maintenance and insurance are projected to generate an additional \$50,372 in costs in FY 2009. The cost for FY 2010 is \$51,883 and \$53,440 for FY 2011. The costs will be absorbed into the existing budget.*

**SC State University**

Turner Hall D-Wing Exterior Façade                      \$ 4,000,000    -renovations  
& Roof Replacement – Phase II

Source of Funds:    \$ 4,000,000    -institutional capital project fund

Proposed Budget:	\$ 3,500,000	-exterior building renovations
	250,000	-professional services fees
	<u>250,000</u>	-contingency
Total:	\$ 4,000,000	

This project is to replace the exterior façade on the D-Wing of Turner Hall and retrofit the current flat roof to a sloped roof. Phase I of this project consisted of the design of the D-Wing building with roof retrofit and the schematic design for A & B wings. Phase II will consist of the installation of the exterior facade, roof replacement, window replacement, and door replacement on D wing.

This project is needed to provide an exterior skin for D-Wing and provide a plan to remedy future problems in A & B wings. Without the exterior skin, the building sub-skin is exposed to the elements and the building is operating with lower-energy efficiency.

*The renovations will alleviate a portion of the \$1,412,025 in existing deferred maintenance in the building.*

*This project will not affect annual operating costs.*

Campus Center Construction (Previous Budget = \$12,000,000)	\$ 21,000,000 -new construction (125,000 GSF)
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Source of Funds:	\$ 17,000,000	-institution (tuition) bonds
	4,000,000	-food service operations

Proposed Budget:	\$ 18,860,000	-new construction
	1,500,000	-professional services fees
	627,800	-contingency
	10,000	-landscaping
	<u>2,200</u>	-bond issue costs
Total:	\$ 21,000,000	

Description  
The scope of this existing project is being expanded to include additional square footage for a bookstore, a multi-purpose assembly area which can accommodate 400 seated diners, and a third floor conference area. The revised scope will also include a covered patio as a connector with the Lois Rhame West Center. The intent is for the new Lois Rhame West Center, along with the adjoining Student Center, to become the core of campus student life.

The facility will be 125,000 GSF at a cost of \$151 per square foot.

The increased scope, along with spiraling construction costs, increases the estimated cost of the project from the previously approved \$12,000,000 to \$21,000,000. The project was previously named **Student Center Construction**.

## None – New space

Annual Operating Costs/Savings:

*Utilities and maintenance are projected to generate an additional \$50,000 in costs in the next three fiscal years. The costs will be absorbed into the existing budget.*

**USC-Aiken**

No projects in Year One.

**USC-Beaufort**

No projects in Year One.

**USC-Columbia**

No projects in Year One.

**USC-Lancaster**

No projects in Year One.

**USC-Salkehatchie**

No projects in Year One.

**USC-Sumter**

No projects in Year One.

**USC-Union**

No projects in Year One.

**USC-Upstate**

No projects in Year One.

**Aiken TC**

No projects in Year One.

**Central Carolina TC**

No projects in Year One.

**Denmark TC**

No projects in Year One.

**Florence-Darlington TC**

Building 5000 First Floor Renovation	\$ 700,000	-renovation
Source of Funds:	\$ 700,000	-local funds
Proposed Budget:	\$ 420,000	-interior building renovations
	120,000	-utilities renovations
	70,000	-contingency
	50,000	-professional services fees
	40,000	-exterior building renovations
Total:	\$ 700,000	

Description

The 5000 Building first floor renovation will provide an expanded and updated facility to house the Success Center, expand the bookstore space, renovate the Student Activities office and informal areas, and update the cafeteria area. These renovations will greatly improve the services provided in their current locations and better utilize the first floor space. The current Success Center provides tutoring, workshops, open computer lab, and study group space for several hundred students each month. The demand for Success Center services grows each year and the first floor renovations will double the space to meet those student needs.

The 103,000 square foot building is comprised of administration (25%), instructional (50%), and student services operations (25%).

The 12,500 square foot area to be renovated is 100% student services. This includes the proposed Success Center, the bookstore, and student food services located on the 1st floor of the 5000 building.

E&G Deferred Maintenance Reduction:

*The renovations will alleviate a portion of the \$3,292,818 in existing deferred maintenance in the building.*

Annual Operating Costs/Savings:

*This project will not affect annual operating costs.*

Greenville TC

No projects in Year One.

Horry-Georgetown TC

No projects in Year One.

Midlands TC

No projects in Year One.

Northeastern TC

No projects in Year One.

Orangeburg-Calhoun TC

No projects in Year One.

Piedmont TC

No projects in Year One.

Spartanburg TC

No projects in Year One.

TC of the Lowcountry

No projects in Year One.

Tri-County TC

No projects in Year One.

No projects in Year One.

### **Trident TC**

Renovate Building 200	\$ 1,600,000	-renovations
Source of Funds:	\$ 1,600,000	-local funds
Proposed Budget:	\$ 1,250,000	-interior building renovations
	125,000	-professional services fees
	125,000	-contingency
	<u>100,000</u>	-equipment and/or materials
Total:	\$ 1,600,000	

### **Description**

Due to local industry requirements and the interest of students, there is a need to expand the Film Industry program. Space became available in Building 200 since the College moved Information Technology programs to the Complex for Industrial and Economic Development. This project will renovate part of Building 200 to create room for the Film department to expand and move from its current location. The renovated spaces will include a film studio, a sound lab, a radio lab, editing labs, and classroom space.

### **E&G Deferred Maintenance Reduction:**

*The renovations will alleviate a portion of the \$275,654 in existing deferred maintenance in the building.*

### **Annual Operating Costs/Savings:**

*This project will not affect annual operating costs.*

### **Williamsburg TC**

No projects in Year One.

### **York TC**

No projects in Year One.

### **Recommendation**

The Committee on Finance and Facilities recommends approval of the Year 1 Requests, provided that a life-cycle cost analysis be requested and provided for any of the Year 1 projects that are to be LEED<sup>1</sup> certified.

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<sup>1</sup>Leadership in Energy and Environmental Design (LEED) Green Building Rating System is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings.

## **Capital Improvement Bond Requests Scores and Priorities**

The Committee on Finance and Facilities has approved the rank and scores of the institution's Year 2 CIP requests totaling approximately \$720 million. However, the Committee believes the amount requested can not be funded in one bond bill. Therefore, the Committee recommends that the institutions' ranked priority one requests be submitted to the Budget and Control Board and the Legislature for capital improvement bond funding in 2007-2008, provided that the decision on the Priority 1 projects from USC-Sumter and Central Carolina Technical College be deferred pending receipt of additional information. The Committee will reconsider the two projects on August 3 for consideration by the Commission in September.

Table 1 is the statewide ranking of institutions' first priority requests for Capital Improvement Bond (CIB) funding for FY2007-08. A brief description is provided for each priority one request.

Table 2 is provided for information with institutions' additional project requests and the scores those projects received.

**Table 1**

**Statewide Ranking of Institutions' Priority One Requests for 2007-08**

<b>Rank</b>	<b>Institution</b>	<b>Project Name</b>	<b>Project Type</b>	<b>CIB Funds Requested</b>	<b>Actual Total Points</b>
1	Medical University of South Carolina	College of Dental Medicine	Renovation	\$ 29,700,000	197.48
2	USC - Columbia	School of Law New Building Construction	Replacement Building	\$ 20,000,000	194.65
3	College of Charleston	Expansion & Renovation of Science Facilities	Renovation	\$ 52,300,000	190.48
4	USC - Sumter	Instructional Laboratories Building Construction <sup>1</sup>	Replacement Building	\$ 11,825,000	167.65
5	USC - Upstate	Information Resource Center Construction	Renovation/Replacement	\$ 16,800,000	164.16
6	Aiken Technical College	Industrial Technology Building	Replacement Building	\$ 9,037,493	163.49
7	Midlands Technical College	Engineering Laboratory/Classroom Building - Northeast Campus	Replacement Building	\$ 15,200,000	160.16
8	South Carolina State University	Whittaker Library Expansion/Renovations	Renovation/New Construction	\$ 20,000,000	156.82
9	The Citadel	Capers Hall Replacement	Renovation/Replacement	\$ 26,500,000	154.49
10	Piedmont Technical College	PTC Business/Industrial Technology Center Renovations (A,B,E,F,G)	Renovation	\$ 8,917,440	154.16
11	Clemson University	Air Quality Deficiencies & Critical Deferred Maintenance	Deferred Maintenance	\$ 10,000,000	153.16
12	Trident Technical College	Nursing Building	New Construction	\$ 6,220,000	152.16
13	Winthrop University	Library Construction	New Construction	\$ 35,000,000	150.16
14	Coastal Carolina University	R. Cathcart Smith Science Center Addition & Renovation	Renovation	\$ 45,000,000	149.83
15	Technical College of the Lowcountry	Buildings 6 & 8 Renovations	Renovation	\$ 2,107,000	145.99
16	Orangeburg-Calhoun Technical College	Automotive Training and Transportation Center	New Construction	\$ 1,040,000	140.16
17	USC - Lancaster	Campus Renovations	Renovation	\$ 4,110,000	138.83
18	USC - Salkehatchie	Walterboro Classroom Building & Science Building Renovation	Renovation/Replacement	\$ 2,442,980	135.33
19	Lander University	Jackson Library Renovation	Renovation	\$ 4,750,000	129.00
20	Francis Marion University	School of Education/School of Business Building Construction	New Construction	\$ 15,250,000	128.00
21	USC - Aiken	New Academic Building	New Construction	\$ 11,500,000	125.83
22	USC - Union	Facility Upgrades	Renovation	\$ 700,000	125.33
23	USC-Beaufort	USCB South Campus Classroom Building	New Construction	\$ 6,327,728	121.83
24	Williamsburg Technical College	Technology Building	New Construction	\$ 6,500,000	121.33
25	Spartanburg Technical College	Academic/Library Building Construction - Phase II	New Construction	\$ 9,000,000	117.83
26	Central Carolina Technical College	Health Sciences Building <sup>1</sup>	New Construction	\$ 11,172,075	117.66
27	Florence-Darlington Technical College	Manufacturing Incubator Center	New Construction	\$ 2,880,000	112.83
28	Tri-County Technical College	Replace Clarke-McKissick Classroom Building - Main Campus	New Construction/Replacement	\$ 3,200,000	111.00
29	Northeastern Technical College	Campus Expansions/Renovations - Dillon Campus	Renovation/Expansion	\$ 1,000,000	86.00
30	Denmark Technical College	Renovation of Barnwell Facility	Renovation	\$ 657,567	69.83
31	Greenville Technical College	Renovated Second Floor ARC for Classrooms	Renovation	\$ 4,575,000	54.00
32	York Technical College	Hood Center HVAC Replacement	Replacement	\$ 1,000,000	50.00
33	Horry-Georgetown Technical College	N/A			

**Grand Total**

**\$ 394,712,263**

<sup>1</sup> Pending Committee's action on staff recommendation of joint-use facility.

## CPIP Year Two Descriptions

Below are project descriptions for each institution's first priority request for CIB funding for FY2007-08. The amount of CIB funding currently being requested is in **bold** and other sources of funds (if any) are listed as well.

## The Citadel

Capers Hall Replacement	\$26,500,000	-renovation/replacement
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**Source of Funds:** **\$26,500,000 -CIB funds**

### Description

**Description:** Capers Hall is the institution's most utilized classroom facility and has been its top replacement priority for a number of years. The structure was constructed in 1949 with a wing added in 1977. The building contains approximately 75,116 gross square feet of building space, which includes approximately 46,365 net square feet of office and classroom space. Current activities located in the facility include the Political Science, History, English, Education, Psychology, and Modern Languages Departments.

**Clemson University**

Air Quality & Critical Deferred Maintenance	\$ 10,000,000 -deferred maintenance
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Source of Funds: **\$ 10,000,000 -CIB funds**

### Description

The University is requesting funding for the first phase of a proposed 5-phase project to address the following HVAC and IAQ issues:

- 1) to improve the inadequate flow of fresh air and exhaust systems in laboratory buildings, renovate or replace fume hood systems in Lehotsky Hall, add make-up air, upgrade exhaust fans, and install exhaust stacks; and
- 2) to improve poor indoor air quality caused by inadequate HVAC systems, upgrade Sistine Hall HVAC system, improve air distribution, supply sufficient fresh air, and correct humidity problems that threaten collections. The Poole Agriculture and Science Building also requires another major phase of HVAC work to address IAQ issues. Lee Hall, Riggs Hall, Daniel Hall, Rhodes Hall, Earle Hall, Hunter Hall, Sikes Hall, Edwards Hall, and others are also on the priority list for IAQ/HVAC projects. In total, the backlog in this work is over \$35 million.

The Critical Deferred Maintenance Plan consists of numerous components other than those resulting from outmoded HVAC systems. These projects address safety issues, utility infrastructure replacements and improvement, and building envelope stabilization as follows:

- **Safety** – Upgrade emergency power and lighting, install eye wash/emergency showers, and construct pesticide washdown facility;



- **Utility Infrastructure** -- Address major storm water erosions that are threatening to undermine roads and utilities and improve conditions for water quality and percolation; replace steam lines and electrical distribution cable;
- **Building Envelope** – Replace Freeman, Cook, Lee, and Godfrey Hall roofs.

### **Coastal Carolina University**

R. Cathcart Smith Science Center                      \$45,000,000    -renovation/addition

Source of Funds:                      \$45,000,000    -CIB funds

#### **Description**

The current facility was constructed in 1980 when the College of Natural and Applied Sciences' student population was much smaller. The proposed project is to construct approximately 137,000 square feet of new laboratory and classroom space and renovate the existing 42,000 square feet in the Smith Science Center Facility. The proposed addition will consist of approximately 33 classrooms, lecture halls, seminar rooms and teaching laboratories. Existing classrooms and laboratories will be modernized to address up-to-date health and safety codes. Following approved funding, the first year will be devoted to design and engineering with construction of the proposed facility to follow.

### **College of Charleston**

Expansion & Renovation of Science                      \$52,300,000    -renovations  
Facilities

Source of Funds:                      \$52,300,000    -CIB funds  
   10,700,000    -Federal funds  
   4,000,000    -previous State funding

#### **Description**

The project involves the construction of a new biology, chemistry, and biochemistry building to house classrooms, teaching and research laboratories, offices and auxiliary support spaces, and the repair and renovation of the existing Science Center to accommodate geology, physics, and perhaps computer science and/or mathematics. A Science Facilities Master Plan was completed by Lord, Aeck & Sargent in 2000. The College hired the architectural firm Ballinger to review the program and begin conceptual design on the facilities. The programming review is essentially complete and conceptual design continues.

### **Francis Marion University**

School of Education/School of                      \$15,250,000    -new construction  
Business Building Construction

Source of Funds:                      \$15,250,000    -CIB funds  
   750,000    -previous State funding

#### **Description**

This project is to construct a 61,000 square foot two-story building for the School of Education and the School of Business. The facility will provide 13 classrooms, one distance learning classroom, four computer laboratories, one open computer laboratory, four project rooms, a teaching materials center, 50 faculty offices, two dean's offices and various support staff areas. This request includes

one-time funding of \$15,250,000 for construction and start-up equipment and furnishings. Architectural and engineering fees were previously funded at \$750,000.

**Lander University**

Jackson Library Renovation	\$ 4,750,000	-renovation
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**Source of Funds:** \$ 4,750,000 -CIB funds

### Description

The Jackson Library was completed in 1976 and has served the campus without renovation for 30 years. The building requires a complete renovation to include mechanical systems, lighting retrofits, and interior finishes.

The HVAC system received a new chiller in 2002, but the remainder of the system is inefficient and does not control the space temperature adequately. A new distribution system is needed with digital controls to provide adequate conditioning. The lighting fixtures will be replaced with more efficient electronic ballasts and occupancy sensor controls. Interior renovation will bring egress paths up to current building codes and provide new carpet, paint, and furnishings.

**Medical University of South Carolina**

College of Dental Medicine Building	\$29,700,000	-new construction
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Source of Funds:	<b>\$29,700,000</b>	<b>-CIB funds</b>
	6,300,000	-previous State funding
/	10,000,000	-private/gift funds

### Description

Current plans call for the construction of a new building of 106,000 gross square feet at a current total project cost of \$46 million. This new facility will house only the clinical and research activities of the College. The new building will consist of a lobby-reception area, cashier, clinical records, clinical practice and teaching areas, operating suites, central sterilization, supplies/dispensing, maintenance shop, and mechanical/electrical areas. The College will continue to maintain faculty and administrative support offices, student services areas, and general lecture halls in its existing space within the Basic Sciences Building.

The 2000 General Assembly appropriated \$6.3 million for the College of Dental Medicine. The University has \$10 million in private funds pledged for this project and is seeking \$29.7 million in additional state funding to complete this project.

**SC State University**

Whittaker Library Expansion/Renovations	\$ 20,400,000	-renovations/new construction
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Source of Funds:	\$ 20,400,000	-CIB funds
	300,000	-education lottery funds

### Description

This project includes the renovation of the existing library and the construction of an approximately 30,000 sq. ft. addition. The scope also includes site development to support additional parking,

development of a Central Quad and Plaza extension. The project is currently funded at \$300,000 for the programming phase. This request is to increase the project to \$20,700,000.

The Library was built in 1969 for a student population of approximately 2,500 students. Current enrollment is approximately 4,500 students and is expected to rise in the next 10 years to 8,000. The Library was designed around a system of micro-files, study carrels, and typing rooms which do not meet the current study habits of today's student and the needs of today's technology advances. In addition, the Library has seen a large increase in volumes and periodicals which has entirely consumed existing storage space. The goal of this project is to design a facility that will meet the needs of the current student population and allow the University to improve dramatically its research and technology ability, including providing more on-line access to publications and other scholarly materials and providing technology training and exposure to groups of citizens that would otherwise be denied access.

#### **Winthrop University**

##### **Library Construction**

**\$ 35,000,000 -new construction**

##### **Source of Funds:**

**\$ 35,000,000 -CIB funds**

##### **Description**

The present library was constructed in 1969 with a design capacity of 400,000 volumes and was projected to meet the needs of the University until 1975. Not only does the library house more than 600,000 volumes in the same square footage, the electronic technology expected in a contemporary library has been incorporated into the same square footage.

The current library structure is located across the street from the main core of the campus. A new library will provide sufficient square footage for future needs and will be located within the campus center core providing more convenient access for students and faculty.

#### **USC-Aiken**

##### **New Academic Center**

**\$11,500,000 -new construction**

##### **Source of Funds:**

**\$11,500,000 -CIB funds**

**300,000 -institutional bonds**

##### **Description**

The purpose of this project is to address critical classroom and office needs for academic programs specifically in the area of humanities, social sciences, and mathematics. The project includes construction of a 50,000 sq. ft., two-and-a-half story academic building between the Science Building and Child Care Center. Approximately 300 new parking spaces would be added and existing power lines and storm water drainage areas would be relocated. Occupants of the new building would include the English and Math Departments, freeing up space for other programs in the Humanities and Social Sciences Building and Penland Building. The new structure would also house an Academic Success Center comprised of teaching and learning labs, tutorial spaces, and academic support offices.

**USC-Beaufort**

South Campus Classroom Building                      \$ 6,327,728    -new construction

Source of Funds:    \$ 6,327,728    -CIB funds

**Description**

The University will construct a classroom building consisting of approximately 40,000 square feet. This facility will be adjacent to the Science and Technology building on the institution's South Campus. This structure is needed to provide additional classroom space with the ever-growing student population. The institution experienced 16% growth during academic year 2004-05. The University projected a modest 10% growth rate for 2005-06. Indications are that the institution attained that figure and anticipates another 10% increase during the fall 2006 semester. The South Campus has 12 operational classrooms. The growth experienced has created a need to expand the academic facilities to meet the growing student population in this fastest growing county in South Carolina.

**USC-Columbia**

School of Law New Building                              \$20,000,000    -new construction  
Construction

Source of Funds:    \$20,000,000    -CIB funds  
   10,000,000    -previous State funding  
   35,000,000    -private funds

**Description**

This project is for the construction of a new facility for the School of Law. The building is designed to include approximately 220,000 square feet and to accommodate a program with an enrollment of 600-750 students. The facility will be located on property owned by the University in the block bordered by Senate, Bull, Gervais, and Pickens Streets. The project is currently in the design/development stage and cannot proceed until full funding is available.

An adequate building suited to the technological and instructional needs of law students is essential. The USC School of Law is the only fully accredited public legal education program in South Carolina. The condition of the current facility has been noted by the school's accreditation agency as a matter of continuing concern.

**USC-Lancaster**

Campus Renovations                                      \$ 4,110,000    -renovations

Source of Funds:    \$ 4,110,000    -CIB funds

**Description**

This project includes renovations to Hubbard Hall, the Gregory Health and Wellness Center, and the Health Services Building. Recommendations from an energy audit, conducted by the State Energy Office, will be implemented. This work will include the replacement (or updates) to HVAC systems. Other energy conservation measures will also be provided in this project. Past inspections by South Carolina DHEC have pointed out serious concerns in the pool area of the Gregory Health and Wellness Center. This project will include the replacement of the pool deck and other immediate needs.

**USC-Salkehatchie**

Walterboro Classroom Building                      \$ 2,442,960    -renovation/replacement  
Renovation & New Science Labs

Source of Funds:                                      \$ 2,442,960    -CIB funds

**Description**

The main classroom building in Walterboro is a two-story building that was constructed in the 1920's. The proposed project would provide central HVAC for the building. The project includes the replacement of windows with insulating metal windows which will provide a better thermal envelope for the building. In a similar project on the Allendale campus, the institution realized a 15.8% decline in energy costs. The design of the new windows would be in the historic character of the original windows and would have a low maintenance exterior and interior finish. The Walterboro Science Building is a newly acquired facility within the complex. It is a 13,000 sq. ft. single story metal building. The project includes the creation of science labs in this building. The only science lab on the entire campus is located on the second floor of the main classroom building. The equipment and safety features of this lab are over 20 years old and need to be relocated to the newly acquired science building with up-to-date lab equipment and features.

**USC-Sumter**

Instructional Laboratories Building                      \$11,825,000    -replacement building

Source of Funds:                                      \$11,825,000    -CIB funds

**Description**

The project is for construction of a new 40,000 square foot building to house classrooms and laboratories for the Math, Science, and Engineering Division. The facility also includes office space for division faculty. Current laboratory facilities are over 40 years old. These outdated labs also have to double for lecture rooms. Air quality, health, and safety are major issues. The student population was 500 when the facility was built. Today, the institution serves twice that number.

**USC-Union**

Facility Upgrades                                      \$ 700,000    -renovation

Source of Funds:                                      \$ 700,000    -CIB funds

**Description**

This project is to upgrade existing facilities on the USC Union Campus. Work will include the upgrade/replacement of the HVAC system serving the auditorium in the Main Building and the library in the Central Building. Site work and infrastructure upgrades will also be included with an emphasis on adding a parking lot.

### USC-Upstate

Information Resource Center                      \$16,800,000    -renovation/replacement  
Construction

Source of Funds:                      **\$16,800,000**    -CIB funds  
   1,000,000    -previous State funding  
   4,000,000    -private funds

### Description

The project is currently funded by \$1 million in previously authorized CIB funds. The project is to construct a new facility to consolidate in one location the library and technology functions and incorporate state of the art features. This facility will serve as the information and high technology focus for the campus and the upstate. Included in the project are the learning research center (library), information systems center, and curricular support laboratories and facilities. This project will also include conversion of vacated spaces for use by the College of Arts and Sciences. The project is part of the University's approved master plan.

This project corrects a serious library deficiency identified in the institution's recent SACS visit and could impact accreditation. Comments from SACS include "...adequate physical facilities be made available for the library" and "The institution must document its commitment to the construction of the new ... Information Resources Center by providing copies of funding authorizations, legislative commitments, or other appropriate means."

### Aiken TC

Industrial Technology Building                      \$ 9,037,493    -replacement building

Source of Funds:                      **\$ 9,037,493**    -CIB funds  
   2,259,373    -local funds

### Description

The project is to construct a 50,031 square foot building to provide adequate space for housing programs which currently reside in the 400 and 500 buildings. The programs to be housed in this facility are applied technology classes, such as welding, machine tool, industrial maintenance (electro-mechanical devices), hydraulics and pneumatics. The current demand trend has dramatically increased the need for a high skills workforce in the Industrial Technologies as substantiated in supporting letters from the Aiken Edgefield Economic Development Partnership, Bridgestone/Firestone, Aiken County Council and the Associate Vice President of Workforce and Business Development at Aiken Technical College.

The buildings to be replaced do not provide sufficient space to house the up-to-date equipment needed to train and thereby provide a skilled workforce to new, existing and expanding industries in the service area. In addition to the undersized space of the current buildings, there are health and safety issues to be addressed. The combination of all these factors lead the College to conclude that construction of a new Industrial Technology building would be a better use of resources than engaging in a high cost renovation of the current buildings. Construction of the proposed building will be on existing College property. No new acreage is required.

**Central Carolina TC**

Health Sciences Building

\$11,172,075 -new construction

Source of Funds:

\$11,172,075 -CIB funds

**Description**

This project involves renovation of a building to be donated by the City of Sumter. This facility will be used to move the College's health sciences programs from an existing location. The College currently houses its health sciences programs in a 27,260 square foot building, along with the science and early childhood programs. Due to a large increase in enrollment over the past several years, the College's health sciences programs have outgrown the existing location. The proposed location will provide more than double the existing space for the health sciences programs. Additionally, the College's science and early childhood (ECD) programs will be able to expand in the existing location. These programs/courses have also had large increases in enrollment over the past several years. The science course enrollments increased from Fall 2000 to Fall 2005 by 247% and the ECD course enrollments increased by 119% during this same time frame.

**Denmark TC**

Renovation of Barnwell Facility

\$ 657,567 -renovation

Source of Funds:

\$ 657,567 -CIB funds

**Description**

This project is to renovate a facility that was purchased in FY 2003 to provide additional classrooms and upgrade lab space, lighting, HVAC, and accessibility for physically challenged students. The project will enhance the course offerings in Barnwell County.

**Florence-Darlington TC**

Manufacturing Incubator Center

\$ 2,880,000 -new construction

Source of Funds:

\$ 2,880,000 -CIB funds  
700,000 -local funds**Description**

The project is to build the Manufacturing Incubator Center (MIC) that is planned as a portion of phase two of the Technology Park (Southeastern Institute of Manufacturing and Technology (SIMT)). The Manufacturing Incubator Center is designed to foster start-up manufacturing companies in commercializing their ideas. The MIC is a 30,000 square foot facility that will provide manufacturing space and infrastructure for up to three start-up companies. The building will be open floor space with industrial utilities in place and constructed in a manner that allows for flexibility and reconfiguration of the space. Additionally, the MIC will be built in close proximity to the Advanced Manufacturing Center of the SIMT. This will allow the Advanced Manufacturing Center to provide employee training and make development resources available to start-up companies.

**Greenville TC**

Renovated Second Floor ARC for Classrooms \$ 4,575,000 -renovation

Source of Funds: \$ 4,575,000 -CIB funds

**Description**

This project involves constructing classrooms, administrative offices and associated restrooms on the open and unfinished second floor of the Admissions and Registration Center at the McAlister Square location. Installation of a new elevator car in the existing elevator shaft will also be required. The primary function of this facility is to provide lecture-style classrooms but could house some computer classrooms. That determination will be made during the programming phase of design.

**Horry-Georgetown TC**

No projects in Year Two.

**Midlands TC**

Engineering Laboratory/Classroom Building – Northeast Campus \$15,200,000 -replacement building

Source of Funds: \$15,200,000 -CIB funds  
3,800,000 -local funds

**Description**

The project is to construct 68,000 SF of new facilities to include Engineering Technology Labs, classrooms, faculty offices, and administrative spaces. Utility infrastructure and parking will be expanded. This building will be immediately adjacent to the existing Center of Excellence for Technology and will house the remainder of the engineering technologies relocated from the Lindau Engineering Technology LET Building on the Beltline Campus, thus creating a focal point for all high technology engineering instruction and development for the college. This building will be predominantly instructional with minimal necessary administrative space. Once this building is completed, the LET Building can be renovated or replaced.

**Northeastern TC**

Campus Expansions/Renovations \$ 1,000,000 -renovation/expansion  
– Dillon Campus

Source of Funds: \$ 1,000,000 -CIB funds  
560,000 -federal funds

**Description**

The project is to build a larger building parallel to the existing Dillon community campus. This building will be 7,200 square feet and include larger classrooms, a lab, larger restroom facilities, and additional storage space. The building will located on Highway 301.

The current classrooms are at capacity and scheduling is a problem. Enrollment has outgrown the current facility and additional classroom space is needed.



Automotive Training & Transportation Center	\$ 1,040,000	-renovation/expansion
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### Description

The project is for construction of an approximately 25,000 square foot building on existing property to house classrooms and labs for automotive training. This new facility will replace an existing facility and will not only allow the program to grow in the number of students served; it will also allow the college to offer new facets of the training program (such as forklift and refrigerated trailer repair and a paint and body shop) that the community at large is requesting. The new facility will provide a link to the James Clyburn Transportation Center at SCSU.

PTC Business/Industrial Technology Center - Lex Walters Campus	\$ 8,917,440	-renovation
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### Description

**Description**  
The project has been established to construct a new business industrial technology building and renovate a portion of five existing buildings:

- Industrial/Engineering (E Bldg)
- Continuing Education (B Bldg)
- Industrial Labs (A Bldg.)
- General Education (F Bldg. – First Floor Only)
- Business (G Bldg.)

The new building will contain classrooms, labs, work rooms, computer technology rooms, office and support space totaling approximately 36,000 sq. ft. of new and approximately 47,000 sq. ft. of renovated space. The total renovation costs appear low because a portion of the renovation costs are being addressed by the research university infrastructure bonds. This will accommodate the continual enrolment growth of students and the requirement from industry. The building and associated space will allow for additional program and offerings.

Environmental issues and building codes will be addressed as projected in the facility deferred maintenance summaries. The College has hired an A/E firm to provide programming design and some construction documents on the mentioned buildings. The building renovations will be at the Lex Walters Campus.

Academic/Library Building Construction	\$ 9,000,000	-new construction
- Phase II		

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**Trident TC**

Nursing Building \$ 6,220,000 -new construction

Source of Funds: \$ 6,220,000 -CIB funds  
1,555,000 -local funds

**Description**

This project will construct a 40,000 GSF building to accommodate the expanding nursing programs. The building includes classrooms, computer labs, nursing labs, science labs, and office space for approximately 30 full-time faculty. There is a great demand for nurses in the Charleston area. The College is expanding the nursing program to meet this critical need.

**Williamsburg TC**

Technology Building \$ 6,500,000 -new construction

Source of Funds: \$ 6,500,000 -CIB funds  
1,800,000 -local funds

**Description**

The project has been approved for the design and preconstruction phase. The College is requesting the additional monies for the construction of a 73,000 square foot technology building. This building will house computer labs and instructional area for the advance technology need of the College's service area to attract and keep businesses and industries supplied with an educated, trained workforce.

**York TC**

Hood Center HVAC Replacement \$ 1,000,000 -renovations

Source of Funds: \$ 1,000,000 -CIB funds

**Description**

The project is for total replacement of the HVAC systems in the Hood Center. Also, the project will completely redesign and reconstruct the mechanical equipment and duct work using a boiler and chiller system to deliver conditioned water to air exchangers and use VAVs for air control.

The current system is the original building design which has never been efficient. The system is a series of gas packs which were installed in 1991. Because of the poor design, the building is uncomfortable and uses excess energy and has excess maintenance requirements. The project will make the building more comfortable for the occupants, save energy, and reduce maintenance cost.

**Table 2**  
For Information Only

**Institutions' Second & Other Priorities for 2007-08**

<b>Institution</b>	<b>Project Name</b>	<b>Project Type</b>	<b>CIB Funds Requested</b>	<b>Actual Total Points</b>
The Citadel	Daniel Library	Renovation/Expansion	\$15,810,000	145.83
The Citadel	Deferred Maintenance - Phase II	Deferred Maintenance	\$2,300,000	116.5
Clemson University	Chemistry - Hunter Hall Addition	Renovation	\$29,000,000	152.33
Clemson University	Biosciences/Life Sciences Building & Renovations	Renovation	\$50,000,000	152.33
College of Charleston	Psychology Classroom/Laboratory Building	New Construction	\$7,500,000	155.49
College of Charleston	Dixie Development - Phase II	Development	\$15,000,000	76.5
Francis Marion University	Center for the Child	New Construction	\$2,000,000	116
Lander University	Deferred Maintenance, Infrastructure, & Accessibility	Deferred Maintenance	\$2,750,000	159.32
Lander University	Construction/Renovation of Student Center Facility	Renovation/Replacement	\$10,500,000	113.5
Medical University of South Carolina	College of Pharmacy Building	Renovation	\$33,000,000	179.65
Medical University of South Carolina	Deferred Maintenance for 2007-08	Deferred Maintenance	\$16,085,000	155.82
South Carolina State University	Deferred Maintenance - Phase II	Deferred Maintenance	\$27,000,000	143.82
USC - Columbia	Gibbes Green Historic Facilities Renovations (LeConte/Petigru Infrastructure)	Replacement Building	\$22,900,000	178.85
USC - Beaufort	Performing Arts Center Renovation	Renovation	\$3,876,434	161.32
USC - Beaufort	Marine Science Building Renovation & Addition	Renovation	\$2,451,294	149.49
USC - Beaufort	Science & Technology/Library Second Floor Completion	New Construction/Completion	\$4,725,000	58.5
USC - Upstate	Classroom & Student Support Building Repairs & Renovations	Renovation	\$5,000,000	168.99
USC - Upstate	Deferred Maintenance	Deferred Maintenance	\$3,000,000	115.5
Winthrop University	Tilman Renovations	Renovation	\$4,000,000	107
USC - Salkehatchie	Allendale Classroom Building HVAC Installation & Facilities Upgrades	Renovation	\$1,645,100	151.16
USC - Salkehatchie	Technology Center Construction	New Construction	\$10,231,090	132.66
USC - Sumter	Deferred Maintenance Items	Deferred Maintenance	\$1,450,000	116.5
USC - Union	Campus Site Redevelopment	Redevelopment	\$1,000,000	79
Central Carolina Technical College	Deferred Maintenance - College-wide	Deferred Maintenance	\$500,000	110.5
Florence-Darlington Technical College	Renovation of Buildings 100, 200, & 300	Renovation	\$6,500,000	133.49
Florence-Darlington Technical College	Building 600 Automotive/Auto Body Program Expansion	Expansion	\$2,880,000	76.5
Greenville Technical College	Greer Classroom Building Construction	New Construction	\$3,600,000	123.68
Piedmont Technical College	Nursing/Health Building & Renovations Health, Science, & Utility Buildings	Renovation	\$11,004,800	162.32
Piedmont Technical College	McCormick County Center	New Construction	\$2,835,600	157.66
Piedmont Technical College	Abbeville County Center	New Construction	\$2,835,600	153.99
Piedmont Technical College	Deferred Maintenance - Lex Walters Campus	Deferred Maintenance	\$1,700,000	141.32
Piedmont Technical College	Saluda County Center	New Construction	\$2,835,600	137.33
Spartanburg Technical College	West Building Renovation including HVAC System	Renovation	\$6,200,758	113
Technical College of the Lowcountry	Buildings 15 & 16 Renovations	Renovation	\$2,620,200	137.66
Tri-County Technical College	Classroom Building - Easley	New Construction	\$6,400,000	121
Tri-County Technical College	Deferred Maintenance - Campus-wide	Deferred Maintenance	\$500,000	119.5
Tri-County Technical College	Land - 70 Acres - Easley & Oconee	Land Purchase	\$1,680,000	116.83
York Technical College	Renovations & Upgrades - Buildings A & B	Renovation	\$500,000	49
York Technical College	Standing Seam Metal Roof Construction - Building D	Roof Construction	\$561,250	44
			<b>\$324,167,724</b>	

## **Project Years 3, 4, & 5**

**FOR INFORMATION ONLY**

## 2006 CIP - Years Three, Four, & Five Summary

For Information Only

<u>Institution</u>	<u>Project</u>	<u>Project Amount</u>
<b>The Citadel</b>		
Year 3	Boating Center Relocation/Improvements	\$2,240,000
	Deferred Maintenance	\$2,300,000
	Parking Facility	\$10,800,000
Year 4	Jenkins Hall Renovation	\$10,534,545
	Deferred Maintenance	\$2,300,000
	Mark Call Hall Renovation	\$4,300,000
	Track & Soccer Facility Construction	\$1,200,000
	Stadium East Stands Replacement	\$7,000,000
Year 5	Bond Hall Annex Renovation	\$2,000,000
	Bryd-Duckett Hall Renovation	\$3,500,000
	Deferred Maintenance - Phase III	\$2,300,000
	Campus Lighting, Parking, & Beautification	\$3,000,000
	Thompson Hall - Phase II	\$3,000,000
<b>Clemson</b>		
Year 3	Academic Success Center	\$10,000,000
	Dining Hall & Retail Food Service Venues	\$26,000,000
	Campus Emergency Generator Upgrades	\$550,000
Year 4	Engineering/Architecture Expansion/Renovation	\$35,000,000
	Newman Hall Addition/Renovation - Phase II	\$18,000,000
	Benet Hall Asbestos Abatement	\$600,000
Year 5	Information Technology Building	\$18,000,000
	Parking Structure Two	\$24,000,000
<b>Coastal Carolina</b>		
Year 3	Baseball Stadium Additional Seating	\$1,000,000
	Admissions, Financial Aid Office Annex Construction	\$4,000,000
Year 4	Library/Information Resource Center Construction/Renovation	\$11,000,000
	Student Life Center Construction	\$7,000,000
	Administrative Support Building	\$4,000,000
	Phase IV Campus Road Improvements	\$2,000,000
	Singleton Building Renovations	\$2,500,000
Year 5	Renovation of Athenaeum Building, Construct Classroom Building	\$25,000,000
	Alumni/Faculty Center	\$3,500,000
<b>College of Charleston</b>		
Year 3	Stern Student Center Expansion	\$12,000,000
	Purchase of Property	\$2,000,000
Year 4	Robert Scott Small Library Renovation	\$10,000,000
	Student Wellness Center	\$15,000,000
	Purchase of Property	\$2,000,000
Year 5	BellSouth/AT&T Building Renovation & Expansion	\$25,000,000
	Purchase of Property	\$2,000,000
<b>Francis Marion</b>		
Year 3	Founders Hall Renovation	\$7,200,000
	Performing Arts Center (A&E design & site development)	\$3,000,000
Year 4	Office Services Building	\$440,000
Year 5	Smith University Center - Interior Renovations	\$1,775,000
	Hyman Fine Arts Center - Interior Renovations	\$1,500,000
<b>Lander</b>		
Year 3	Renovation for Montessori Program	\$300,000
	Renovation of Brookside Student Housing Complex	\$2,835,000
Year 4	Construction of Recreation, Wellness, & Sports Complex	\$6,000,000
	Construction of Conference Center	\$2,625,000
Year 5	Construction of New Business School	\$15,750,000
	Construction of Welcome Center	\$2,100,000
<b>MUSC</b>		
Year 3	Deferred Maintenance for 2008-09	\$16,770,000
Year 4	Deferred Maintenance for 2009-10	\$16,000,000
Year 5	Deferred Maintenance for 2010-11	\$16,500,000
<b>SC State</b>		
Year 3	Physical Plant & Central Energy Facility Complex	\$31,000,000
	Applied Professionals Science Building	\$21,000,000
	Campus Security Building	\$2,100,000
Year 4	Donna Administration Building Expansion & Renovations	\$2,000,000
Year 5	Mays Hall Student Housing Development	\$10,000,000
	Softball Complex	\$800,000
	ROTC/Physical Education/Coaches' Complex - Phase II Stadium Expansion	\$8,200,000

## 2006 CPIP - Years Three, Four, & Five Summary

For Information Only

Institution	Project	Project Amount
Winthrop	Year 3 Scholars Walk Greenway	\$1,000,000
	Center Campus Façade Improvements	\$1,000,000
	Byrnes Auditorium Renovations	\$4,500,000
	Year 4 Dinkins Renovations	\$1,000,000
	Parking Deck Construction	\$7,500,000
	Year 5 Coliseum Annex	\$9,000,000
	Withers Hall Renovations	\$1,500,000
USC-Aiken	Year 3 Campus Infrastructure Enhancements	\$700,000
	Continuing Education & Conference Center	\$4,000,000
	Year 4 Classroom Building Retrofits	\$10,000,000
	Year 5 New Operations Center	\$3,000,000
USC-Beaufort	Year 3 Student Activity Construction	\$6,327,728
	Food Service Facility	\$4,500,000
	Year 4 Gymnasium & Administrative Office	\$12,500,000
	Performing Arts Center	\$7,500,000
	Year 5 Land Acquisition	\$2,500,000
	Classroom Building - Continuing Education Partnership	\$9,491,592
USC-Columbia	Year 3 Law School Renovations	\$22,900,000
	BA Master Plan & Renovations	\$43,500,000
	Jones PSC Renovation - Phase II	\$13,900,000
	Gibbes Green Historic Facilities Renovations (Bamwell)	\$11,100,000
	New Classroom Building Construction	\$18,400,000
	School of Medicine - Chiller Replacement for Buildings 1,2,4, & 104	\$1,350,000
	McClintock Renovations	\$1,475,000
	Harper Elliot Renovations	\$475,000
	Humanities Office Building Renovations	\$4,600,000
	Humanities Classroom Building Renovations	\$4,100,000
	Life Safety Upgrades - Phase II (Columbia campus)	\$10,400,000
	Exterior Repairs (Columbia campus)	\$3,300,000
	Year 4 Gibbes Green Historic Facilities Renovations (Hamilton College)	\$16,900,000
	Byrnes Center Renovation	\$10,400,000
	Booker T. Washington Auditorium Building Renovations	\$7,500,000
	College of Hospitality, Retail, & Sports Management New Building Construction	\$29,500,000
	Health Sciences Renovations	\$23,000,000
	Jones PSC Renovation - Phase III	\$19,500,000
	Cliff Apartments Kitchen Renovations	\$5,100,000
	South Tower Renovations	\$5,356,000
	Life Safety Upgrades - Phase III (Columbia campus)	\$26,200,000
	Year 5 Wardlaw College Renovation	\$14,000,000
	Music Building Recital Hall Construction	\$23,000,000
	West Campus Parking Structure Construction	\$16,000,000
	Jones PSC Renovation - Phase IV	\$10,250,000
	School of Medicine - Campus Air Handler Replacement	\$1,585,150
USC-Lancaster	Year 3 Gregory Health & Wellness Renovation & Expansion	\$2,900,000
	Medford Library Renovation	\$2,070,000
	Year 4 Classroom Building Construction	\$5,040,000
	Year 5 Campus Security Fencing & Lighting	\$1,100,000
USC-Salkehatchie	Year 3 Walterboro Site Improvements	\$265,200
	Walterboro Campus Renovations	\$3,068,520
	Year 4 Allendale Site Improvements	\$341,368
	Allendale Hut Renovation	\$81,120
	Allendale Conference Center Renovation	\$116,813
	Walterboro Gymnasium Renovation	\$978,560
	Year 5 Walterboro New Construction	\$5,948,800
	Allendale Little Hut Renovation	\$138,410
	Allendale Campus Renovations	\$253,619
USC-Sumter	Year 3 Old Science Building Renovation	\$1,348,000
	Year 4 Facilities Management Center	\$675,000
	Year 5 General Classroom Building	\$2,000,000
USC-Union	Year 3 Classroom/Laboratory/Learning Resources Center Construction	\$4,000,000
	Year 4 Central Building Interior Renovation (former library)	\$500,000
	Year 5 Campus Improvements	\$1,000,000

## 2006 CPIP - Years Three, Four, & Five Summary

### For Information Only

Institution	Project	Project Amount
<b>USC-Upstate</b>		
Year 3	Media Building & Nursing Building Renovations	\$3,000,000
	Land Acquisition - Phase I	\$1,500,000
	Convocation Center Construction	\$34,000,000
	Palmetto House - Phase II	\$20,000,000
	Palmetto Villas Life Safety & Renovations	\$1,300,000
Year 4	Smith Building Renovation & Addition	\$9,000,000
	Student Support Building Expansion I	\$10,000,000
	Land Acquisition - Phase II	\$2,500,000
Year 5	Hodge Center Academic Space Conversion	\$8,000,000
<b>Aiken TC</b>		
Year 3	Access Road Extension	\$1,436,875
Year 4	Classroom Building with Conference Center & Central Administration	\$15,125,000
Year 5	Renovation/Major Reconstruction of 100/200 & 300 buildings	\$8,962,428
<b>Central Carolina TC</b>		
Year 3	Building 600 Renovations	\$600,000
	Deferred Maintenance	\$500,000
Year 4	College & Community Center	\$10,000,000
	Deferred Maintenance	\$500,000
Year 5	Buildings 100 & 400 Renovations	\$600,000
	Deferred Maintenance	\$500,000
<b>Denmark TC</b>		
Year 3	Renovation of Science Building (028)	\$1,028,834
Year 4	No Projects.	-
Year 5	No Projects.	-
<b>Florence-Darlington TC</b>		
Year 3	Technology Park (SIMT) Phase II	\$13,000,000
	Technology Learning Center	\$5,000,000
Year 4	Physical Facilities Building	\$750,000
Year 5	Technology Park (SIMT) Phase III	\$8,500,000
<b>Greenville TC</b>		
Year 3	Renovated Hospitality Education Building	\$1,875,000
	Construct New Classroom Building - Brashier Campus (B3)	\$4,000,000
Year 4	Industrial Complex Renovation - Phase II	\$4,500,000
	Construct New Administration Building - Barton Campus	\$2,250,000
Year 5	Renovate Belk Wing for Classrooms - McAllister Square	\$12,330,000
<b>Horry-Georgetown TC</b>		
Year 3	Additional Parking - All Three Campuses	\$500,000
Year 4	New General Purpose Classroom - Conway	\$15,000,000
Year 5	New General Purpose Classroom - Grand Strand	\$15,000,000
<b>Midlands TC</b>		
Year 3	Wade Martin Hall Renovations	\$12,000,000
	Lindau Engineering Building Renovations	\$12,000,000
	Library Building Replacement	\$4,652,000
Year 4	Classroom/Administration Facility - Northeast Campus	\$14,000,000
Year 5	No Projects.	-
<b>Northeastern TC</b>		
Year 3	Main Campus Renovations - Bldgs 100-800	\$750,000
Year 4	No Projects.	-
Year 5	No Projects.	-
<b>Orangeburg-Calhoun TC</b>		
Year 3	Roof project for 12 buildings on campus	\$1,750,000
Year 4	Expansion/Renovation of Health Sciences Building	\$500,000
Year 5	No Projects.	-
<b>Piedmont TC</b>		
Year 3	Newberry County Center Renovations	\$2,343,750
	Six County Centers ADA Upgrade/Enhancements - Lex Walters Campus	\$700,000
	New Maintenance Complex	\$925,000
	V Building Renovations	\$785,000
Year 4	Deferred Maintenance Project Energy Management - Main Campus	\$2,000,000
	Lusk House Demolition/Construct Training Facility - Main Campus	\$3,375,000
	Training Facility - Edgefield County Center	\$1,125,000
	Training Facility - Laurens County Center	\$1,800,000
	Addition to Library (Bldg K) - Main Campus	\$2,784,000
Year 5	Student Service Center - Main Campus	\$5,040,000
	Building Structural Renovation Project (L, J, G, F, P, S, H) - Lex Walters Campus	\$1,100,000
	College Roof Replacement/Metal & Built-up - Main Campus	\$1,500,000
	Parking Lot Addition/Upgrade - Main Campus	\$1,000,000



## 2006 CPIP - Years Three, Four, & Five Summary

For Information Only

Institution	Project	Project Amount
<b>Spartanburg TC</b>		
Year 3	Academic Classroom Building	\$8,750,000
	Building Two Renovation - Phase III - Tyger River Campus	\$5,000,000
	Central Energy Plant Renovation - Chiller Addition to Increase Capacity	\$500,000
Year 4	No Projects.	
Year 5	Academic Classroom Building - Cherokee Campus	\$9,200,000
	Facade Upgrades - Ledbetter, East, West, LRC, ITF	\$1,200,000
<b>TC of Lowcountry</b>		
Year 3	Deferred Maintenance - Classrooms in Buildings 2, 9, 10 & Hampton	\$1,595,000
	Bluff Stabilization	\$580,000
Year 4	Business/Industrial Classroom Building - New River Campus	\$5,750,000
Year 5	Learning Resource Center	\$6,500,000
<b>Tri-County TC</b>		
Year 3	Anderson Campus - Phase II	\$6,000,000
	Student Center - Main Campus	\$9,000,000
	Deferred Maintenance	\$1,100,000
Year 4	Renovated Miller, Anderson, & Pickens Buildings	\$5,500,000
	Landscape Front of Main Campus	\$2,000,000
	Deferred Maintenance	\$1,000,000
Year 5	Oconee Campus Building	\$3,000,000
	Deferred Maintenance	\$1,500,000
<b>Trident TC</b>		
Year 3	Horticulture Building & Greenhouse	\$2,000,000
Year 4	Reroof Building 940	\$500,000
	Palmer Campus Program Improvements	\$500,000
	Berkeley Campus Program Improvements	\$500,000
	Upgrade Electrical Distribution System	\$575,120
<b>Williamsburg TC</b>		
Year 3	No Projects.	
Year 4	No Projects.	
Year 5	No Projects.	
<b>York TC</b>		
Year 3	Allied Health Classroom & Laboratory Building (A&E & Construction)	\$12,000,000
Year 4	Chester Technology Center - Phase II (A&E & Construction)	\$5,500,000
Year 5	Kershaw Technology Center (A&E & Construction)	\$10,000,000
	Standing Seam Metal Construction - Bldg A.	\$1,000,000

**Information Item**

PERMANENT IMPROVEMENT PROJECTS						
APPROVED BY STAFF						
Date Appr.	Project #	Institution	Project Name	Action Category	Budget Chg.	Revised Budget
4/3/2006	9850	Clemson	Kinard Laboratory - HVAC Renovation	Increase budget, revise scope	\$ 400,000	\$ 1,825,000
4/3/2006		OCTC	College Roof Project	Increase budget	\$ 224,000	\$ 550,000
4/5/2006	9906	STC	Cherokee Co. Campus West Entrance Construction	Increase budget	\$ 28,654	\$ 278,654
4/7/2006	9537	USC-Columbia	Science Building Roof Repairs	decrease budget	\$ (125,000)	\$ 313,000
4/7/2006	9538	USC-Columbia	Library Air Handler Replacement	Increase budget	\$ 125,000	\$ 235,498
4/7/2006		STC	Hwy 290 Property Acquisition	decrease budget, close project	\$ 20,224	\$ 3,178,776
4/7/2006	9937	MTTC	Airport Academic Center HVAC Controls Upgrade	close project		\$ 80,000
4/13/2006	9541	Coastal	Campus Roads Improvements	Increase budget	\$ 240,000	\$ 555,000
4/13/2006	9789	MUSC	Uninterruptible Power Supply (UPS) Replacement	Increase budget, revise scope	\$ 275,000	\$ 1,832,000
4/13/2006	9874	MUSC	Hollings Cancer Center Expansion**	Increase budget, revise scope	\$ 750,000	\$ 91,135,812
4/13/2006	9779	MUSC	Campus Elevator Upgrades	Increase budget, revise scope	\$ 547,200	\$ 1,357,200
4/13/2006	9618	SC State	481/486 Buckley St. Land Acquisition	Increase budget	\$ 43,000	\$ 53,000
4/13/2006	9620	SC State	1096 Golf Ave. Land Acquisition	Increase budget	\$ 52,000	\$ 62,000
4/13/2006	9593	SC State	Chestnut Street Vacant Lot #1 Acquisition	Increase budget, change source of funds	\$ 1,000	\$ 11,000
4/20/2008	9523	Lander	Renovation of Lide Student Housing Complex	Increase budget	\$ 250,000	\$ 3,000,000
4/24/2008	9603	Coll of Charleston	Craig Hall HVAC & Interior Renovation	Increase budget	\$ 225,000	\$ 2,734,000
4/24/2008	9620	Coll of Charleston	Campus Buildings HVAC Systems - Deferred Maintenance	revise scope	\$ -	\$ 500,000
4/24/2008	9621	Coll of Charleston	Campus Buildings Roofs - Deferred Maintenance	revise scope	\$ -	\$ 1,440,000
4/25/2008	9858	USC-Columbia	Patterson Hall Exterior Repairs	cancel	\$ (100,000)	\$ -
4/25/2008	9893	USC-Columbia	Woodrow College Interior Repairs	decrease budget, close project	\$ (183,250)	\$ 36,750
4/25/2008	9934	USC-Columbia	Thomwell College Roof Replacement	decrease budget, close project	\$ (171,068)	\$ 479,932
4/25/2008	9986	USC-Columbia	Gambrell Hall Exterior Repairs	decrease budget, close project	\$ (23,244)	\$ 176,756
4/25/2008	9505	USC-Beaufort	Performing Arts Center Roof Replacement	decrease budget, close project	\$ (12,971)	\$ 312,029
LEASES						
Date Appr.	Project #	Institution	Project Name	Terms		Renewal Term
				Sq. Ft - \$9.95/Annual - \$38,904.87; Operating costs - \$1.90/sq. ft. = \$8,259.09/annual costs		7/1/08-6/30/07
4/21/2006	2580	Clemson	Center for Applied Technology			

\* Increases of 10% or less of total project budget can be approved by staff.