

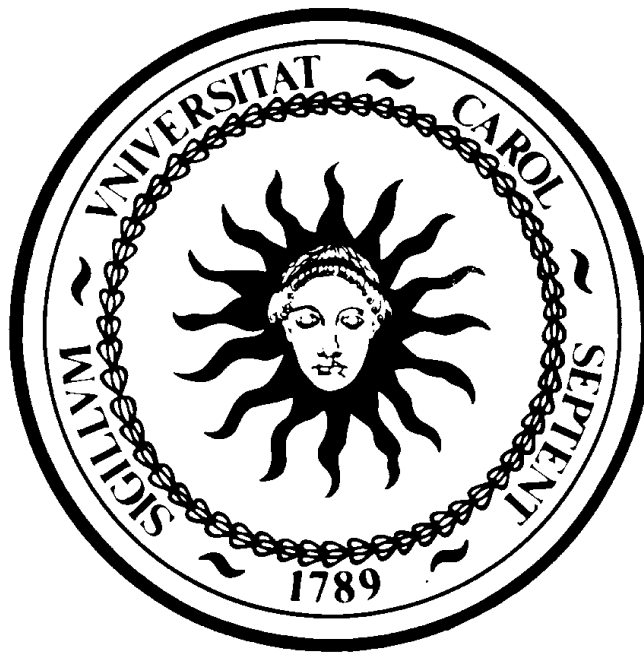
Report on Higher Education Bond Program for the Joint Legislative Commission on Governmental Operations and Bond Update

Senate Bill 912 (S.L. 2000-03), authorized the issuance of \$3.1 billion in higher education bonds subject to a vote of the qualified voters of the State. In November 2000, upon the approval of a majority of voters, \$2.5 billion was made available to the University of North Carolina for capital improvements.

Senate Bill 912 further required that the Board of Governors report annually to the Joint Legislative Commission on Governmental Operations and the Joint Legislative Education Oversight Committee on the bond program as well as on the condition of the University's capital facilities and proposed repair, renovation, and maintenance projects. The attached report meets the legislative requirement.

It is recommended that the attached report be approved and transmitted to the Joint Legislative Commission on Governmental Operations and the Joint Legislative Education Oversight Committee.

**Report to the
North Carolina General Assembly
Joint Legislative Commission on Governmental Operations**



**The University of North Carolina
Bond Program**

September 10, 2004

The University of North Carolina
Report on Higher Education Bond Program
Joint Legislative Commission on Governmental Operations
Joint Legislative Education Oversight Committee
September 2004

The higher education bond program has entered into its fourth year of implementation and continues to provide direct benefits to the students of The University of North Carolina and to every citizen of the State. The North Carolina Business – Higher Education Foundation, Inc.'s *Responding to a new imperative – A mid-term report on the 2000 Higher Education Bond Program* (released earlier this year) highlighted the importance of the science and technology facilities delivered through the bond program and what these will mean to the State as it continues to transition from a manufacturing economy to one that will more effectively compete in a global environment. The same report also chronicled the impact that the program has had for the construction industry, with the creation of 88,000 jobs expected over the life of the program.

Over the last year, the campuses have made substantial progress in the delivery of the bond program. Appalachian State University, East Carolina University, North Carolina School of the Arts, North Carolina State University, The University of North Carolina at Asheville, The University of North Carolina at Chapel Hill, The University of North Carolina at Charlotte, The University of North Carolina at Pembroke, The University of North Carolina at Wilmington, Western Carolina University, Winston-Salem State University, and the three University of North Carolina Affiliates have achieved the significant milestone of having their entire programs underway. The North Carolina School of Science and Mathematics has completed its program.

To date, 61 of the 316 bond projects have been completed. Overall, 97.5% of the projects are under design, in construction, or completed. Contractual commitments total \$1.528 billion or about 61.1% of the \$2.5 billion program as shown in Attachment 1. The University has reached and exceeded the \$1 billion mark in expenditures (see Attachment 2, which lists expenditures by project as of June 30, 2004). Bonds sold by the State Treasurer in support of the program total \$1.4 billion (supporting the \$1.528 billion in contractual obligations).

As required, this report on the bond program lists the estimated operating costs of all the bond projects. The operating impact for these projects during the first year that all facilities are fully operational is estimated at \$57,519,058. It is worth noting that a significant portion of the projects are renovation projects and do not add new space. Operating costs by facility are shown in Attachment 3.

In early 2004, The University began to experience the effects of inflation in its program as the economy began to rebound and construction industry activity increased. Many contractors who prefer to work in the private sector began returning to that work as more opportunities arose. In addition, inflation of materials costs began to emerge in 2004 and placed pressure on the campuses seeking to bid projects under conditions of relative

instability and increasing prices. The campuses responded by utilizing the reserves that they had been able to accumulate from the favorable bidding climate early in the program. Campuses have also continued to bid work aggressively to get as many of the projects underway as soon as possible and to mitigate the effects of inflation in the out years.

In addition to providing information on the bond program, the Board of Governors must report on the condition of The University's capital facilities and related needs for repairs, renovation, and maintenance. Every three years, the State Construction Office, through the Facilities Condition and Assessment Program (FCAP), reviews the facilities at each UNC constituent institution, documents deficiencies, and estimates the cost to remedy the deficiencies. Currently, The University has a documented backlog of needs of \$959.7 million, of which \$682 million relates to deficiencies in state-supported facilities, as indicated in Attachment 4. Note that condition is reported as a percentage of the estimated replacement cost (ERC) of facilities and does not include the value of infrastructure, which constitutes roughly one-third of the State's physical plant.

During the summer of 2004, The University contracted with Eva Klein of Eva Klein Associates, Ltd. to review the Board's formula (in use since 1994) for allocating repair and renovation funds made available by the General Assembly. The review included an analysis of the allocation of funds between UNC and other State agencies, the University's formula allocation among the campuses, and practices followed by campuses in prioritizing projects to be funded and expediting construction. In summary, the report recommended a revised method for allocating funds between The University and other State agencies, based on current replacement value (CRV) of facilities and FCAP reviews performed by the State Construction Office. The report determined that the Board's formula for allocating repair and renovation funds continues to be effective, but also identified alternatives that the Board might consider. The report concluded that campus processes for identifying, prioritizing and executing repair and renovation projects were effective.

The University's six-year plan for R&R funding, as submitted in the 2003-05 biennial budget request, is included with this report for reference. An update to this plan will be approved by the Board of Governors in November.

**The University of North Carolina
Bond Project Status Overview - August 2004 Data
Contractual Commitments from Bond Funds**

Institution	# of Projects per Bond List*	# of Project Bid Packages*	Total Dollar Value	In Design Phase				In Construction Phase				Complete				Land Acquisitions	
				\$	%	#	%	\$	%	#	%	\$	%	#	%	\$	%
Appalachian State University	13	23	\$87,406,200	\$5,327,718	6.10%	3	13.04%	\$59,884,272	68.51%	9	39.13%	\$12,488,163	14.29%	9	39.13%	\$829,300	0.95%
East Carolina University	13	23	\$190,609,500	\$8,729,051	4.58%	4	17.39%	\$68,862,637	36.13%	7	30.43%	\$64,530,059	33.85%	10	43.48%	\$7,667,248	4.02%
Elizabeth City State University	19	21	\$46,296,800	\$3,058,675	6.61%	6	28.57%	\$20,707,182	44.73%	4	19.05%	\$4,658,362	10.06%	5	23.81%	\$0	0.00%
Fayetteville State University	16	25	\$46,021,400	\$2,110,133	4.59%	10	40.00%	\$16,329,218	35.48%	11	44.00%	\$718,988	1.56%	2	8.00%	Not Applicable	N/A
North Carolina A&T State University	24	36	\$161,800,091	\$8,980,521	5.55%	6	16.67%	\$60,806,209	37.58%	12	33.33%	\$24,382,074	15.07%	13	36.11%	\$6,081,437	3.76%
North Carolina Central University	23	47	\$121,246,203	\$8,197,617	6.76%	6	12.77%	\$66,666,743	54.98%	26	55.32%	\$5,087,710	4.20%	6	12.77%	\$1,733,376	1.43%
North Carolina School of the Arts	12	10	\$42,547,500	\$2,585,109	6.08%	3	30.00%	\$4,424,045	10.40%	2	20.00%	\$21,694,142	50.99%	3	30.00%	\$2,602,802	6.12%
North Carolina State University	40	102	\$468,256,655	\$18,510,324	3.95%	24	23.53%	\$189,916,781	40.56%	29	28.43%	\$54,524,642	11.64%	42	41.18%	\$1,377,975	0.29%
UNC-Asheville	9	12	\$50,464,200	\$3,052,742	6.05%	4	33.33%	\$4,746,963	9.41%	1	8.33%	\$13,474,943	26.70%	7	58.33%	Not Applicable	N/A
UNC-Chapel Hill	50	88	\$510,539,075	\$31,693,069	6.21%	36	40.91%	\$193,268,149	37.86%	32	36.36%	\$77,601,284	15.20%	20	22.73%	\$1,338,342	0.26%
UNC-Charlotte	15	23	\$190,033,501	\$12,996,514	6.84%	7	30.43%	\$143,342,810	75.43%	10	43.48%	\$11,652,551	6.13%	6	26.09%	Not Applicable	N/A
UNC-Greensboro	17	26	\$166,008,255	\$5,684,444	3.42%	5	19.23%	\$44,760,825	26.96%	7	26.92%	\$43,081,153	25.95%	10	38.46%	\$3,113,921	1.88%
UNC-Pembroke	17	15	\$56,873,600	\$2,310,927	4.06%	9	60.00%	\$9,957,938	17.51%	3	20.00%	\$21,191,239	37.26%	2	13.33%	Not Applicable	N/A
UNC-Wilmington	18	33	\$109,201,800	\$7,508,009	6.88%	14	42.42%	\$27,406,031	25.10%	8	24.24%	\$3,185,907	2.92%	12	36.36%	\$2,100,000	1.92%
Western Carolina University	15	26	\$100,336,744	\$6,651,388	6.63%	7	26.92%	\$33,918,332	33.80%	10	38.46%	\$21,416,117	21.34%	8	30.77%	\$0	0.00%
Winston-Salem State University	13	24	\$46,786,581	\$1,359,176	2.91%	2	8.33%	\$15,302,480	32.71%	8	33.33%	\$16,302,793	34.85%	14	58.33%	Not Applicable	N/A
UNC Center for Public Television	2	6	\$65,890,600	\$0	0.00%	0	0.00%	\$28,248,366	42.87%	1	16.67%	\$8,916,347	13.53%	5	83.33%	Not Applicable	N/A
NC School of Science and Math**	2	4	\$5,163,000	\$0	0.00%	0	0.00%	\$0	0.00%	0	0.00%	\$5,163,000	100.00%	4	100.00%	Not Applicable	N/A
The NC Arboretum	1	6	\$9,331,700	\$362,807	3.89%	2	33.33%	\$1,614,984	17.31%	2	33.33%	\$1,978,838	21.21%	2	33.33%	Not Applicable	N/A
Reserve – For Repairs and Renovations and Cost Overruns			\$25,186,595														
Total	319	550	\$2,500,000,000	\$129,118,224	5.16%	148	26.91%	\$990,163,965	39.61%	182	33.09%	\$412,048,312	16.48%	180	32.73%	\$26,844,401	1.07%

*The number of projects undertaken by the institutions differs from the number as listed in the bond legislation because projects are in some instances combined or separated into multiple phases. The percentages reported are based on the number of bid packages being prepared by the institution in order to give a more accurate progress picture. The number of projects listed based on legislation, reflects the original 316 items plus 3 projects approved through scope change requests.

**With no projects still in design, a design contract amount continues to be reported reflecting the designer's ongoing responsibility and the institution's financial commitment until the completion of the project when the design contract amount is incorporated into the total reported under "Complete."

Construction Manager at Risk preconstruction fee is listed under "Construction" column and will reflect a project count when a Gross Maximum Price contract is executed.

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
		Appalachian State University	87,406,200	\$87,406,200	3,271,180	90,677,380	37,493,582	3,220,000	
40080	301	Central Library Complex	47,586,800	\$47,586,800	0	47,586,800	17,595,291	0	Construction
	302	Science Building – Completion of Interior Laboratories and Academic Space	1,260,000	\$1,260,000	0	410,565	410,566	0	Complete
	303	Rankin Science Building – Comprehensive Renovation	11,157,000	\$11,157,000	0	18,282,935	7,669,766	1,220,000	Construction
	304	Living and Learning Center – Academic Portion	4,022,800	\$4,022,800	0	4,022,800	3,463,467	0	Complete
	305	Visual Arts Center/Education Outreach Center – Renovation	4,374,700	\$4,374,700	2,000,000	6,374,700	1,095,277	2,000,000	Phase I Complete, Phase II
	306	Smith-Wright Hall Classroom Building – Comprehensive	1,636,100	\$1,636,100	0	1,636,100	0	0	Design
	307	Founders Hall – Comprehensive Renovation	1,044,100	\$1,044,100	51,180	1,095,280	1,001,684	0	Construction
	308	Walker Hall Classroom Building – Comprehensive Renovation	1,733,800	\$1,733,800	0	1,733,800	1,441,008	0	Complete
	309	B.B. Dougherty Hall – Comprehensive Renovation	1,000,000	\$1,000,000	0	1,000,000	1,319,658	0	Complete
	310	Water System Improvements	2,866,200	\$2,866,200	0	2,866,200	196,770	0	Construction
	311	Land Acquisition	829,300	\$829,300	0	829,300	829,300	0	Complete
	312	Technology Infrastructure Expansion	4,838,900	\$4,838,900	0	4,838,900	2,227,866	0	Construction
	313	Rankin Science Building - Comprehensive Renovation (Annex) (Project is combined with 303 for administration. Funding is drawn in part, from that source.)	5,056,500	\$5,056,500	1,220,000	0	0	0	Complete
	350	Effective Project Management/Inflation					242,929		
		East Carolina University	190,609,500	\$190,609,500	14,633,024	205,242,524	90,684,938	14,313,024	
40086	301	Science Laboratories and Technology Building – Replacement for Flanagan Science Building	55,125,300	59,535,417	11,044,692	70,580,109	57,197,934	11,044,692	Closeout
	302	Flanagan Building – Renovation and Conversion for General Academic Use	13,421,300	13,894,131	0	13,884,226	5,658,874		Construction
	303	Nursing, Allied Health and Developmental Evaluation Clinic Complex - Replace Rivers and Belk Buildings and Relocate to Medical School	46,882,500	54,935,955	100,000	54,935,955	3,328,027		Bidding
	304	Expansion and Renovation of the Old Nursing Building	14,685,500	14,615,607	500,000	15,115,607	9,327,806	500,000	Construction
	305	Belk Building – Comprehensive Renovation and conversion from Allied Health to General Academic	7,791,300	7,588,726	0	7,588,726			Design
	306	Classroom Improvements –Technology Upgrades and Renovation (Speight, Brewster, Rivers, General Classroom Building, Rawl & Austin)	3,648,400	3,305,382	0	3,305,382	2,394,633		Construction
	307	Academic Space Requirements – Teaching Laboratories (Fletcher Music)	5,250,000	5,063,732	220,000	5,283,732	256,551		Design
	308	Medical School – Addition of Library and Study Space	12,600,000	0	0	0			
	309	"Old Cafeteria" Office Building – Comprehensive Renovation for Student Services/Academic Use	4,442,100	4,326,605	0	4,326,605	99,774		Design
	310	Infrastructure – Repairs and Expansion	16,291,100	14,292,416	1,000,000	15,292,416	2,110,564	1,000,000	Construction
	311	Campus Computing Center - Comprehensive Renovation	1,785,000	1,785,000	1,760,056	3,545,056	1,583,079	1,760,056	Complete
	312	Land Acquisition	7,879,400	7,668,849	8,276	7,677,125	7,668,849	8,276	Complete
	313	Technology Infrastructure Expansion	807,600	803,382	0	807,600	803,382		Complete
	350	Effective Project Management/Inflation		2,794,299	0	2,794,299	255,466		Ongoing
		Elizabeth City State University	46,296,800	\$46,296,800	1,588,676	47,885,476	22,288,289	1,291,597	
40083	301	Lane Hall Classroom Building – Comprehensive Renovation	2,360,600	\$2,275,600	56,086	2,331,686	18,848	49,374	Design
	302	Trigg Hall Classroom Building – Comprehensive Renovation	2,109,000	\$2,019,000	178,000	2,197,000	113,061	76,136	Construction
	303	Johnson Hall Classroom Building – Comprehensive Renovation	3,156,300	\$2,876,300	20,000	2,896,300	222,494	20,000	Design
	304	Williams Hall Classroom Building – Comprehensive Renovation	2,822,700	\$2,554,572	479,500	3,034,072	2,400,368	447,675	Construction
	305	Lester Hall Classroom Building – Partial Renovation	250,000	\$192,000	54,758	246,758	18,848	4,758	Not Started
	306	White Graduate Center and Continuing Education Building – Comprehensive Renovation	1,514,000	\$1,514,000	156,354	1,670,354	502,641	152,051	Construction
	307	Wilkins Laboratory Building – Comprehensive Renovation	451,800	\$413,800	0	413,800	18,848	0	Not Started
	308	Mitchell-Lewis Residence Hall – Comprehensive	2,123,700	\$0	0	0	0	0	Design
	309	Wamack Residence Hall – Comprehensive Renovation (combined with Student	3,334,300	\$0	0	0	0	0	Design

The University of North Carolina Bond Program

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	310	Doles Residence Hall – Comprehensive Renovation (Scope change replaced this	1,722,500	\$0	0	0	0	0	Not Started
	311	Residence Hall for 200 Students – Replacement of	5,510,000	\$0	0	0	0	0	Construction
	312	Central Chiller Plant (combined w/Student Ctr for project mgmt)	1,400,000	\$0	0	0	0	0	Construction
	313	Student Center	8,778,300	\$26,687,800	43,600	26,731,400	15,620,702	122,778	Construction
	314	Physical Education Facilities	1,447,500	\$1,642,500	0	1,642,500	1,623,907	0	Construction
	315	Campus Infrastructure Improvements	3,405,300	\$1,147,300	489,986	1,637,286	18,848	411,422	Construction
	316	Electrical Distribution System Upgrade	1,225,000	\$340,000	0	340,000	18,848	0	Design
	317	Energy Management System Improvements	886,400	\$886,400	66,493	952,893	18,848	0	Design
	318	Technology Infrastructure Expansion	3,149,400	\$3,097,528	43,899	3,141,427	1,692,028	7,403	Construction
	319	Land Acquisition	650,000	\$650,000	0	650,000	0	0	Not Started
		Fayetteville State University	46,021,400	\$46,021,400	2,722,107	48,743,507	7,657,218	2,722,107	
40084	301	Residence Hall For 275 Students	6,872,300	\$6,872,300	0	6,872,300	2,296,452		Construction
	302	Lyons Science and Laboratory Building – Comprehensive Renovation and Addition	15,146,900	\$15,146,900	1,350,000	16,496,900	0	995,777	Design
	303	Science Annex – Comprehensive Renovation	1,740,500	\$1,740,500	0	1,740,500	119,401		Design
	304	Continuing Education Center – Comprehensive Renovation	432,600	\$432,600	0	432,600	15,450		Design
	305	Taylor Social Sciences Classroom Building – Comprehensive Renovation	884,300	\$884,300	0	884,300	31,010		programming
	306	Charles Chestnutt Library – Comprehensive Renovation	875,900	\$875,900	0	875,900	149,074		Design
	307	William Collins Building – Comprehensive Renovation	640,600	\$640,600	0	640,600	0		programming
	308	Seabrook Auditorium – Comprehensive Renovation	6,325,000	\$6,825,000	500,000	7,325,000	1,229,259	854,223	Design
	309	Taylor Gymnasium – Conversion of Building for Academic Use	3,360,000	\$3,360,000	0	3,360,000	312,640		Design
	310	Lilly Gymnasium – Comprehensive Renovation and Conversion of Building for Student Services	3,256,400	\$3,256,400	0	3,256,400	7,235		Design
	311	Cook Dining Hall – Comprehensive Renovation and Conversion of Building for Academic Use and Student Services	1,773,500	\$1,773,500	228,907	2,002,407	524,289	228,907	Design
	312	Student Residence Halls – Fire Safety Improvements	611,700	\$611,700	0	611,700	580,258		Construction
	313	Campus Infrastructure Improvements	1,435,000	\$1,435,000	0	1,435,000	868,135		Construction
	314	Comprehensive Renovation and Conversion of Spaulding (Old Infirmary) for Public Safety Facilities	1,029,100	\$1,029,100	443,200	1,472,300	744,515	643,200	Construction
	315	Technology Infrastructure Expansion	1,137,600	\$1,137,600	0	1,137,600	530,154		Construction
	316	Seabrook Auditorium – Comprehensive Renovation	500,000	\$0	0	0	0		Above
	350	Effective Project Management/Inflation			200000		249,346	0	
		North Carolina A & T State University	161,800,091	\$161,800,091	2,292,325	164,092,416	59,301,577	2,596,325	
40087	301	Classroom and Laboratory Complex	29,920,700	37,078,375	1,842,325	38,920,700	17,412,639	1,842,325	Construction
	302	Chemistry Laboratory – Replacement for Hines Hall	21,831,600	21,831,600	0	21,831,600	2,227,606		Design
	303	Harrison Auditorium – Comprehensive Renovation	2,895,200	2,895,200	0	2,895,200	228,362		Design
	304	Curtis Residence Hall – Replacement	3,723,500	0	0	0			Construction
	305	Scott Residence Hall – Replacement	26,253,300	33,426,700	0	33,426,700	15,213,287		Construction
	306	Gamble Residence Hall – Replacement	1,552,000	0	0	0			Construction
	307	New Student Housing	1,897,900	0	0	0			Construction
	308	Holland Residence Hall – Comprehensive Renovation	856,800	856,800	0	856,800	0		Construction
	309	Morrison Residence Hall – Comprehensive Renovation	3,701,100	3,701,100	0	3,701,100	919,498	304,000	Construction
	310	Zoe Barbee Residence Hall – Comprehensive Renovation	3,693,800	3,693,800	0	3,693,800	28,500		Design
	311	Hazardous Materials and Waste Storage Facility	1,575,000	1,575,000	0	1,575,000	156,577		Construction
	312	Improvements to School of Agriculture Facilities	1,832,700	1,832,700	0	1,832,700	1,009,072		Construction
	313	Barnes Hall Laboratory – Comprehensive Renovation	5,550,100	5,550,100	0	5,550,100	71,720		Design
	314	Graham Hall Engineering Laboratory – Comprehensive Renovation	5,782,200	5,782,200	0	5,782,200	167,141		Design
	315	Corbett Intramural Center – Addition	7,035,000	7,035,000	0	7,035,000	0		Design
	316	Replacement of Steam Lines and Access Holes	1,568,300	1,568,300	0	1,568,300	1,516,321		Construction

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
	317	Electrical Distribution System – Upgrade and Expansion	2,256,800	2,256,800	0	2,256,800	1,547,059		Construction
	318	Central Cooling Plant – Phase I	9,430,700	9,430,700	0	9,430,700	439,782	0	Design
	319	Cherry Hall Laboratory Building – Comprehensive Renovation	8,438,200	8,438,200	0	8,438,200	76,562		Design
	320	Three Classroom Buildings (Dudley, Gibbs, and Moore) – Comprehensive Renovation	4,797,100	4,797,100	0	4,797,100	1,864,700		Construction
	321	Land Acquisition	6,300,000	6,300,000	0	6,300,000	5,949,015		Construction
	322	Technology Infrastructure Expansion	2,921,700	2,921,700	0	2,921,700	2,487,345		Construction
	323	Campus Security Improvements	828,716	828,716	450,000	1,278,716	828,716	450,000	Close out
	324	Classroom and Laboratory Complex	7,157,675	0	0	0	7,157,675		Construction
		North Carolina Central University	121,246,203	\$121,246,203	11,986,304	133,232,507	31,984,262	10,065,717	
40085	301	Science Complex – Replacement of Robinson, Hubbard, and Lee Science	36,780,000	\$36,780,000	0	36,780,000	10,036,899	0	Construction
	302	Farrison-Newton Building – Comprehensive Renovation of Classroom Building	7,048,700	\$1,448,700	0	1,448,700	1,621	0	Not Started
	303	Student Housing – Replacement	1,556,600	\$1,556,600	250,000	1,806,600	818,495	250,000	Construction
	304	Baynes Residence Hall – Replacement	15,091,100	\$15,091,100	0	15,091,100	4,893,746	0	Construction
	305	Rush Residence Hall – Comprehensive Renovation	2,089,400	\$2,089,400	487,542	2,576,942	187,784	0	Design
	306	Eagleson Residence Hall – Comprehensive Renovation	6,869,500	\$6,869,500	0	6,869,500	233,296	0	Design
	307	Shepard Residence Hall – Comprehensive Renovation	4,357,800	\$4,357,800	3,157,062	7,514,862	2,663,082	2,663,395	Construction
	308	Latham Residence Hall – Comprehensive Renovation	3,411,600	\$3,411,600	0	3,411,600	223,368	0	Design
	309	McLean Residence Hall – Comprehensive Renovation	305,800	\$305,800	2,669,200	2,975,000	305,800	2,669,200	Closeout
	310	Pearson Cafeteria – Comprehensive Renovation	1,263,600	\$8,763,600	0	8,763,600	166,429	0	Design
	311	Student Residence Halls – Fire Safety and Security Improvements	1,541,000	\$1,541,000	0	1,541,000	440,661	0	Design
	312	Turner Law School – Comprehensive Renovation	7,028,800	\$7,028,800	2,600,000	9,628,800	86,816	2,382,300	Design
	313	Shepard Library – Comprehensive Renovation	4,374,800	\$6,274,800	0	6,274,800	395,791	0	Design
	314	Old Senior Dorm – Conversion to Academic Use (project cancelled under scope change)	2,130,700	\$230,700	0	230,700	81,552	0	Combined with Pearson
	315	Alexander Dunn Building – Comprehensive Renovation	1,779,300	\$1,779,300	0	1,779,300	126,904	0	Design
	316	Campus Infrastructure Improvements	10,263,800	\$8,108,800	0	8,108,800	3,077,869	0	Construction
	317	Hoey Building – Comprehensive Renovation	2,867,700	\$143,385	0	143,385	0	0	Superceded by Mold Remediation
	318	Code Compliance Corrections of Buildings not scheduled for Compliance Modifications	3,675,000	\$342,272	0	342,272	151,996	0	Superceded by Mold Remediation
	319	Land Acquisition	4,000,000	\$2,600,000	0	2,600,000	1,996,707	0	In progress
	320	Renovation of Existing Space for Public Safety Facility	840,000	\$840,000	0	840,000	798,000	0	Construction
	321	Technology Infrastructure Expansion	1,422,000	\$1,422,000	0	1,422,000	1,265,118	0	Construction
	322	B.N. Duke Auditorium Addition	740,000	\$740,000	2,122,500	2,862,500	649,214	2,100,822	Construction
	323	Health and Safety Repairs and Renovations	1,809,003	\$1,809,003	0	1,809,003	54,039	0	Design
	324	Mold Remediation		\$7,712,043	700,000	8,412,043	2,712,750	700,000	Construction
	350	Effective Project Management/Inflation					616,325		
		North Carolina School of the Arts	42,547,500	\$42,547,500	100,000	42,647,500	28,898,094	0	
40088	301	Basic Performance and Education Complex	19,130,700	\$17,028,564	0	17,028,564	15,750,952		Construction
	302	Stevens Center – Comprehensive Modernization and Major Renovations	4,434,500	\$4,462,775	0	4,462,775	4,462,765		Complete
	303	Film Archives Building	2,250,000	\$2,093,500	0	2,093,500	1,900,896		Construction
	304	Student Services Support Complex	2,500,000	\$2,850,000	0	2,850,000	1,459,814		Construction
	305	Dance Costume Shop – Comprehensive Renovation	420,000	\$1,605,000	0	1,605,000	2,785		Construction
	306	Workplace Building #2 – Comprehensive Renovation	1,350,000	\$56,129	0	56,129	56,129		Complete
	307	Crawford Hall and the Recital Hall – Comprehensive Renovation	499,900	\$0	0	0	0		Design
	308	Residence Hall	1,832,100	\$1,890,495	100,000	1,990,495	217,378	0	Construction

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
	309	Gray Classroom Building – Partial Renovation	1,787,700	\$0	0	0	0		Design
	310	Technology Infrastructure Expansion	1,862,300	\$1,797,936	0	1,797,936	1,310,513		Design
	311	Renovation of DeMille Theatre	2,330,300	\$5,613,376	0	5,613,376	327,157		Design
	312	Land Acquisition	4,150,000	\$3,475,000	0	3,475,000	2,600,475		70% Complete - Land
	350	Effective Project Management/Inflation		\$1,674,725		1,674,725	809,230		On Going
		North Carolina State University	465,205,455	\$468,256,655	56,792,575	525,049,230	167,033,854	22,560,902	
40074	301	Undergraduate Science Teaching Lab – Phase I	30,215,400	\$30,215,400	1,897,500	32,112,900	26,745,921	1,897,500	Closeout
	302	Withers Hall – Conversion from Laboratory to General Academic Use	11,480,400	\$11,480,400	0	11,480,400	447,409	0	Design
	303	College of Engineering Complex – Phase I	32,806,500	\$32,806,500	1,925,000	34,731,500	23,104,271	1,925,000	Construction
	304	College of Veterinary Medicine – Research Addition and Renovation of Laboratories and Academic Space	20,180,000	\$20,180,000	15,620,550	35,800,550	17,771,279	1,336,550	Construction
	305	College of Engineering Complex – Phase II	46,565,200	\$46,565,200	8,000,000	54,565,200	5,349,217	0	Construction
	306	David Clark Laboratory – Comprehensive Renovation and Addition	11,555,800	\$11,555,800	0	11,555,800	5,512,360	0	Construction
	307	Undergraduate Science Teaching Lab – Phase II (combined with item 306)	12,197,000	\$12,197,000	0	12,197,000	combined w/David Clark Labs		
	308	South Gardner Hall Laboratory Building – Comprehensive Renovation	15,214,500	\$15,214,500	0	15,214,500	114,605	0	Design
	309	1911 Classroom Building – Comprehensive Renovation	6,972,000	\$6,972,000	0	6,972,000	422,555	0	Const-Elevator only
	310	Park Shops – Comprehensive Renovation and Use Conversion for General Academic Use	6,310,700	\$6,310,700	0	6,310,700	90,000	0	Not Started
	311	Riddick Lab – Comprehensive Renovation and Conversion from Laboratory to Classroom Building	26,020,900	\$26,020,900	0	26,020,900	1,722,782	0	Design
	312	Harrelson Classroom Building – Comprehensive Renovation	13,608,500	\$13,608,500	0	13,608,500	30,467	0	Design
	313	Clark Hall – Conversion from Infirmary to Student and Faculty Support Services	2,415,000	\$2,415,000	0	2,415,000	1,617,655	0	Complete
	314	Schaub Food Science Building – Comprehensive Renovation	10,515,500	\$10,515,500	0	10,515,500	895,957	0	Construction
	315	Williams Hall Laboratory Building – Comprehensive Renovation	12,865,500	\$12,865,500	96,815	12,962,315	303,856	67,200	Design
	316	Polk Hall Laboratory Building – Comprehensive Renovation	15,053,000	\$15,053,000	0	15,053,000	394,211	0	Design
	317	Leazar Hall Laboratory Building – Comprehensive Renovation	8,361,100	\$8,361,100	0	8,361,100	419,901	0	Design
	318	Daniels Hall Laboratory Building – Phase I – Comprehensive Renovation	7,864,500	\$7,864,500	0	7,864,500	1,090,446	0	Construction
	319	Jordan Hall Lab and Classroom Building – Addition	13,553,300	\$13,553,300	0	13,553,300	1,110,940	0	Design
	320	Library – Addition	9,193,900	\$9,193,900	100,000	9,293,900	350,742	100,000	Design
	321	Support Services Center – to Relocate Various Campus Services	10,335,800	\$10,335,800	7,134,785	17,470,585	297,1996	2,897,947	Construction
	322	Field Research Laboratories and Outlying Research Facilities – Phase I	2,500,000	\$2,500,000	0	2,500,000	1,339,741	0	Construction
	323	Horticulture Classroom at Arboretum Education Center	500,000	\$500,000	3,713,957	4,213,957	447,054	3,713,957	Complete
	324	Research Laboratory Space – Phase I	18,900,000	\$18,900,000	14,032,982	32,932,982	14,855,508	6,946,413	Construction
	325	Public Safety Facility	4,704,000	\$4,704,000	0	4,704,000	2,544,534	0	Construction
	326	College of Veterinary Medicine – Mechanical and Electrical System Improvements	21,000,000	\$21,000,000	225,000	21,225,000	361,615	225,000	Design
	327	Technology Infrastructure Expansion	2,424,100	\$2,424,100	0	2,424,100	1,336,155	0	Construction
	328	Chilled Water Central Plant – North Campus	41,769,000	\$41,769,000	464,984	42,233,984	17,146,268	464,984	Construction
	329	Chilled Water Brickyard Loop Extension and Cooling Tower	2,913,800	\$2,913,800	0	2,913,800	combined w/Chilled Water Central Plant-North Campus		
	330	Steam Distribution & Capacity Improvements (Sullivan Dr.area)	3,244,100	\$3,244,100	48,050	3,292,150	1,769,229	48,050	Construction
	331	Main Campus Infrastructure (including Water System)	9,330,700	\$9,330,700	0	9,330,700	1,006,037	0	Construction
	332	College of Veterinary Medicine – Infrastructure	5,300,000	\$5,300,000	561,000	5,861,000	11,459,437	561,000	Construction
	333	Centennial Campus – Infrastructure (Central Utilities Plant)	11,338,500	\$11,338,500	890,189	12,228,689	15,040,577	318,189	Construction
	334	Land Acquisition	2,100,000	\$2,100,000	0	2,100,000	1,377,975	0	NA
	335	College of Veterinary Medicine - Research Addition & Renovation of Labs and Academic Space	675,000	\$675,000	0	675,000	see line 10 above		
	336	College of Engineering Complex, Planning	3,200,000	\$3,200,000	0	3,200,000	see line 9 above		
	337	Animal and Food Science Facilities (formerly Meat Processing Laboratory- changed by legislation)	4,853,755	\$4,853,755	94,763	4,948,518	37,261	94,763	Design

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
	338	Research and Teaching Feed Mill	2,582,000	\$2,582,000	288,200	2,870,200	1,958,586	288,200	Closeout
	339	Undergraduate Science Teaching Lab - Phase I Greenhouses	4,586,000	\$4,586,000	0	4,586,000	see line 7 above		
	340	Lake Wheeler Rd Field Lab - Beef Educational Unit (Note: This was not in the original bond list and is not reflected in the NCSU total listed. Reported grand total for institution is original bond legislation only.)	1,350,000	\$3,051,200	1,698,800	4,750,000	1,315,177	1,676,149	Closeout
	350	Flex Lab - Fitup for Food Science Swing Space				0	4,572,130		Design Contract
		The University of North Carolina at Asheville	50,464,200	\$50,464,200	3,931,936	54,396,136	15,926,796	3,911,288	
40077	301	Math and Science Building – Replacement of Rhodes and Robinson Buildings	22,203,200	\$22,203,200	0	22,203,200	1,495,695		Design
	302	Highsmith Center – Comprehensive Renovation and Addition	11,522,000	\$11,522,000	3,931,936	15,453,936	10,862,062	3,885,299	Complete
	303	Carmichael Hall Classroom Building – Comprehensive Renovation	5,524,200	\$5,524,200	0	5,524,200	562,469		Construction
	304	Zageir Hall Classroom Building – Partial Renovation	2,569,100	\$2,569,100	0	2,569,100	248,386		Design
	305	Campus Primary Electrical Distribution System Upgrade and Improvements	1,023,800	\$1,023,800	0	1,023,800	1,019,687		Complete
	306	Relocate Physical Plant Facilities (Programming)	6,318,900	\$6,318,900	0	6,318,900	797,189		Design
	307	Technology Infrastructure Expansion	751,200	\$751,200	0	751,200	746,308		Complete
	308	Highsmith Center - Comprehensive Renovation and Addition	356,800	\$356,800	0	356,800	0		Complete
	309	Justice Gym - Renovations	195,000	\$195,000	0	195,000	195,000	25,989	Complete
		The University of North Carolina at Chapel Hill	510,539,075	\$510,539,075	314,786,418	825,325,493	178,042,958	45,506,597	
40072	301	School of Medicine – Medical Research Building – Comprehensive Renovation of Classroom and Laboratory Space	12,895,000	\$12,895,000	500,000	13,395,000	5,853,579	500,000	Construction
40072	302	Health Sciences Library – Comprehensive Renovation	11,000,000	\$11,000,000	1,125,375	12,125,375	7,709,045	1,005,728	Construction
40072	303	School of Dentistry Building – Renovation and Conversion from Operatory to General Academic Use	8,397,100	\$8,397,100	92,515	8,489,615	8,005,628	92,515	Construction
40072	304	Rosenau Hall Laboratory Building – Comprehensive Renovation	9,000,000	\$9,000,000	1,692,829	10,692,829	312,309		Designer Selected
40072	305	Brauer Hall – Comprehensive Renovation of Dental Clinic	13,415,400	\$13,415,400	0	13,415,400	897,517		Design
40072	306	Burnett Womack Building Research Laboratory – Comprehensive Renovation	24,848,000	\$24,848,000	7,395,000	32,243,000	5,557,162		Construction Documents
40072	307	Berryhill Hall Laboratory Building – Comprehensive Renovation	10,700,000	\$10,700,000	0	10,700,000	981,073		Designer Selected
40072	308	Beard Hall Classroom and Laboratory Building – Comprehensive Renovation	3,500,000	\$3,500,000	4,464,000	7,964,000	1,029,439	820,000	Construction Documents
40072	309	Teaching Research Building – School of Public Health Project Supplement	13,382,900	\$13,382,900	25,598,300	38,981,200	13,382,900		Construction
40072	310	Carrington Hall – Addition for School of Nursing Project Supplement	10,082,100	\$10,082,100	12,231,130	22,313,230	8,180,345		Construction
40072	311	Medical Biomolecular Research Building	26,718,000	\$26,718,000	36,057,200	62,775,200	26,030,067		Close out
40072	312	Community Health Building – Consolidation of Programs	18,340,000	\$18,340,000	0	18,340,000			
40072	313	Carolina Living and Learning Center	1,154,275	\$1,154,275	210,000	1,364,275			Complete
40073	301	Science Complex – Phase I	55,012,500	\$55,012,500	41,697,715	96,710,215	16,781,958	8,189,965	Construction
40073	302	Science Complex – Phase II	33,437,500	\$33,437,500	0	33,437,500	1,500,000		
40073	303	Murphey Hall Classroom Building – Comprehensive Renovation	6,723,500	\$6,723,500	300,000	7,023,500	6,723,500		Close out
40073	304	New West Classroom Building – Comprehensive Renovation	4,500,000	\$4,500,000	0	4,500,000	232,932		Bidding July 29
40073	305	Steele Building – Comprehensive Renovation and Conversion of Administrative Office Building to a Classroom Building	3,428,600	\$3,428,600	0	3,428,600			Desinger Selected
40073	306	Saunders Hall Classroom Building – Comprehensive Renovation	4,194,100	\$4,194,100	500,000	4,694,100	2,273,192		Construction
40073	307	Peabody Hall Classroom Building – Comprehensive	8,509,800	\$8,509,800	539,808	9,049,608	6,122,404	369,808	Construction
40073	308	Memorial Hall – Comprehensive Renovation and Addition	9,000,000	\$9,000,000	6,583,730	15,583,730	7,330,365	800,000	Construction
40073	309	Smith Hall – Comprehensive Renovation	1,355,200	\$1,355,200	33,530	1,388,730	11,602	33,530	Programming Complete
40073	310	Institute of Marine Sciences Morehead City – Comprehensive Renovation and Conversion from Lab to Classroom (Coker Hall)	1,833,300	\$1,833,300	0	1,833,300	1,830,761		Construction
40073	311	Hamilton Hall – Comprehensive Renovation of Classrooms and Lecture Halls	1,539,000	\$1,539,000	0	1,539,000	10,655		

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
40073	312	Gerrard Hall Classroom Building – Comprehensive Renovation	1,350,000	\$1,350,000	0	1,350,000	10,994		Designer Selected
40073	313	Caldwell and Howell Halls – Comprehensive Renovation of Classrooms and Lecture Halls	1,732,000	\$1,732,000	0	1,732,000	362,672		Caldwell Complete
40073	314	Coker and Mitchell Halls – Comprehensive Renovation of Classrooms and Lecture Halls	1,718,000	\$1,718,000	0	1,718,000	22,103		Designer Selected
40073	315	Hanes and Manning Halls and Alumni Building – Comprehensive Renovation of Classrooms and Lecture Halls	2,233,000	\$2,233,000	0	2,233,000	283,815		Alumni Bid
40073	316	Woollen and Fetzer – Comprehensive Renovation of Classrooms and Lecture	1,598,000	\$1,598,000	0	1,598,000	190,060		Woollen -Construction Fet
40073	317	Greenlaw Hall – Comprehensive Renovation of Classrooms and Lecture Halls	1,825,000	\$1,825,000	0	1,825,000	10,666		
40073	318	Phillips Hall – Comprehensive Renovation of Classrooms and Lecture Halls	1,450,000	\$1,450,000	0	1,450,000	804,442		Construction
40073	319	Hill and Davie Halls – Comprehensive Renovation of Classrooms and Lecture Halls	1,949,000	\$1,949,000	0	1,949,000	213,269		Hill in Design
40073	320	Academic Facilities to Consolidate International Education Programs (Global Education Center)	20,000,000	\$20,000,000	9,200,000	29,200,000	2,975,359		Schematic Design
40073	321	College of Arts and Sciences – Digital Multimedia Instructional Center and Music Library	20,150,000	\$20,150,000	0	20,150,000	982,949		Study Complete
40073	322	School of Medicine – Bioinformatics Building – Supplement for Appropriated	2,000,000	\$2,000,000	32,217,000	34,217,000	1,062,734	31,251,662	Close out
40073	323	Physical Plant Support Facilities	7,875,000	\$7,875,000		7,875,000	1,504,168		Construction Documents
40073	324	Student Services Building – Consolidation of Services (Advising, Financial Aid, Registration, Housing)	27,000,000	\$27,000,000	0	27,000,000	713,586		Schematic Design
40073	325	Storm Drainage Improvements	10,500,000	\$10,500,000	0	10,500,000	6,333,325		Study Complete, 1st project
40073	326	Cogeneration Facility – Back Pressure Turbine Generator	2,625,000	\$2,625,000	24,000,000	26,625,000	827,776	315,490	Designer Selected
40073	327	Steam Distribution System Replacement	6,300,000	\$6,300,000	59,036,000	65,336,000	6,298,323		Close out
40073	328	Upgrade Campus Energy Management and Control System	3,682,600	\$3,682,600	0	3,682,600	252,462		Study Complete
40073	329	Campus Fiber Optics Network	17,533,500	\$17,533,500	227,235	17,760,735	5,365,758		Construction and Design
40073	330	Electrical Systems Improvements	8,400,000	\$8,400,000	0	8,400,000	266,321		Study Complete, Switches
40073	331	Infrastructure Improvements – Main Campus	32,298,000	\$32,298,000	37,699,830	69,997,830	15,509,287	1,192,773	Multiple Projects in Design
40073	332	Technology Infrastructure Expansion	9,165,000	\$9,165,000	12,360,094	21,525,094	1,267,864		Schematic Design
40073	333	Land Acquisition	8,000,000	\$8,000,000	0	8,000,000	1,338,342		
40073	334	440 West Franklin Street – Comprehensive Renovation and Conversion for Information Technology and Data Processing	9,170,000	\$9,170,000	0	9,170,000	720,710		Schematic Design
40073	335	Wilson Hall Laboratory – Comprehensive Renovation	8,920,000	\$8,920,000	0	8,920,000	16,320		Programming Underway
40073	336	Memorial Hall - Comprehensive Renovation and Addition	200,000	\$200,000	0	200,000	200,000		Construction
40073	337	R. B. House Library - Renovations	9,898,700	\$9,898,700	1,025,127	10,923,827	9,753,222	935,127	Close out
		The University of North Carolina at Charlotte	190,033,501	\$190,033,501	9,263,440	199,296,941	100,986,633	4,994,689	
40076	301	Academic Facilities – Humanities	16,167,000	\$25,410,365	8,041,835	33,452,200	25,245,146	4,050,084	construction
	302	Science and Technology Building	33,207,000	\$33,853,736	316,264	34,170,000	24,663,026	316,264	construction
	303	Classroom and Office Building	26,102,500	\$20,758,610	0	20,758,610	9,318,822		construction
	304	College of Education Building	24,654,500	\$32,350,311	305,341	32,655,652	23,141,203	305,341	construction
	305	College of Nursing and Health Professions Building	34,125,000	\$30,467,216	0	30,467,216	1,850,281		construction
	306	Graduate Engineering Complex	14,700,000	\$24,513,651	0	24,513,651	4,479,358		construction
	307	Research Facility and Laboratory – Phase I (combined w/above)	8,400,000	\$0	0	0	0		
	308	Central Heating Plant Improvements – Upgrade and Modernization	2,826,200	\$5,245,083	0	5,245,083	4,906,304		construction
	309	Rowe Classroom Building – Comprehensive Renovation	4,306,500	\$4,091,175	0	4,091,175	425,508		bidding/award
	310	McEniry Classroom Building – Comprehensive Renovation	3,433,000	\$3,261,350	0	3,261,350	189,269		design
	311	Physical Plant and Campus Public Safety Facilities	5,515,000	\$5,525,329	475,000	6,000,329	2,438,524	198,000	construction
	312	Chiller Replacement	1,824,200	\$1,824,200	125,000	1,949,200	1,824,102	125,000	complete

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
	313	Technology Infrastructure Expansion	3,345,500	\$2,345,500	0	2,345,500	2,345,036		N/A
	314	Academic Facilities – Humanities	9,243,365		0	0	0		construction
	315	Science and Technology Building	2,183,736		0	0	0		construction
	350	Effective Project Management/Inflation		\$386,975		386,975	160,056		N/A
		The University of North Carolina at Greensboro	166,008,255	\$166,008,255	8,890,883	174,899,138	64,093,866	8,890,883	
40075	301	Science Instructional Building – Replacement of Petty Science Building	38,412,200	\$37,946,703	3,290,045	41,236,748	35,848,900	3,290,045	Closeout
	302	Petty Building – Comprehensive Renovation for Classroom Use	16,272,300	\$16,272,300	0	16,272,300	364,608	0	Design
	303	Brown Classroom Building – Comprehensive Renovation	6,493,900	\$6,493,900	0	6,493,900	24,960	0	Design
	304	Mclver Classroom Building – Replacement	21,636,500	\$20,321,094	0	20,321,094	1,259,280	0	Construction
	305	Aycock Auditorium – Comprehensive Renovation	17,163,000	\$17,163,000	0	17,163,000	187,280	0	Design
	306	Stone Classroom Building – Comprehensive Renovation	8,930,400	\$4,935,655	0	4,935,655	1,429,710	0	Construction
	307	Meeting/Seminar/Office Space – Alumni House – Code Compliance and Building System Replacements	3,258,000	\$3,258,000	0	3,258,000	0	0	Design
	308	Heating Plant Capacity Expansion and Energy Efficiency Improvements	4,851,300	\$4,851,300	0	4,851,300	1,043,392	0	Construction
	309	Forney Classroom Building – Comprehensive Renovation	3,565,400	\$3,565,400	0	3,565,400	0	0	Not Started
	310	McNutt Classroom Building – Comprehensive Renovation	2,724,000	\$2,724,000	0	2,724,000	18,360	0	Design
	311	Electric Power Distribution – Capacity Expansion and Upgrade	4,091,000	\$4,091,000	0	4,091,000	2,024,662	0	Construction
	312	Research Space Phase I	5,250,000	\$17,182,500	0	17,182,500	1,774,013	0	Construction
	313	Mclver Chiller Plant Expansion and Improvements	9,373,800	\$8,425,974	0	8,425,974	7,590,682	0	Closeout
	314	Infrastructure – Northeast Quadrant	6,825,200	\$7,676,129	0	7,676,129	5,312,798	0	Construction
	315	Technology Infrastructure Expansion	4,101,300	\$4,101,300	5,600,838	9,702,138	4,101,300	5,600,838	Closed
	316	Land Acquisition	7,000,000	\$7,000,000	0	7,000,000	3,113,921	0	In Process
	317	Science Instructional Building - Replace Petty Science Building	6,059,955	\$0	0	0	0	0	Funds Combined
		The University of North Carolina at Pembroke	56,873,600	\$56,873,600	4,425,800	61,299,400	22,786,720	1,645,467	
40081	301	Science Building	9,408,000	\$17,440,600	0	17,440,600	12,354,778	0	Construction
	302	Oxendine Science Building – Comprehensive Renovation	8,032,600	\$0	0	0	0	0	Combined with project above
	303	Locklear Hall Classroom Building – Comprehensive Renovation	2,000,000	\$2,000,000	0	2,000,000	35,798	0	Awarding
	304	D.F. Lowry Classroom Building – Comprehensive Renovation and Addition	1,950,500	\$1,950,500	0	1,950,500	0	0	Design
	305	Business Administration Building – Comprehensive Renovation	1,059,800	\$1,059,800	0	1,059,800	0	0	Design
	306	Moore Classroom Hall – Comprehensive Renovation	2,639,700	\$2,639,700	0	2,639,700	156,413	0	Bidding
	307	Residence/Dining Hall – Replacement of Jacobs and Wellons Halls (Scope change approved; project will change)	7,700,300	\$7,700,300	0	7,700,300	243,685	0	Complete
	308	West Residence Hall – Comprehensive Renovation	977,300	\$977,300	0	977,300	0	0	Design
	309	Jones Physical Education Complex – Comprehensive Renovation	8,243,700	\$8,243,700	600,000	8,843,700	3,014,498	0	Construction
	310	Replace Physical Plant Complex	5,656,000	\$5,656,000	0	5,656,000	4,112,688	0	Complete
	311	Renovation of Former Physical Plant Facility to provide relocation of Auxiliary Services Complex and Student Bookstore	2,696,000	\$2,696,000	1,500,000	4,196,000	286,671	0	Design
	312	Campuswide Infrastructure Improvements	1,996,600	\$1,996,600	0	1,996,600	117,791	0	Design
	313	Campus Water Distribution Upgrades	525,000	\$525,000	0	525,000	84,741	0	Awarding
	314	Primary Electrical Distribution Upgrades	945,000	\$945,000	0	945,000	82,204	0	Design
	315	Technology Infrastructure Expansion	2,798,500	\$2,798,500	0	2,798,500	781,142	0	Equipment purchase
	316	Economic Forum Building	244,600	\$244,600	2,325,800	2,570,400	0	1,645,467	Complete
	317	New Classroom Building					107,618	0	Design
	350	Swing Space					1,408,693	0	Ongoing
		The University of North Carolina at Wilmington	109,201,800	\$109,201,800	4,710,085	113,911,885	28,758,241	4,158,174	
40078	301	School of Education Building	18,725,000	\$14,785,538	922,900	15,708,438	11,517,534	898,600	Construction
	302	Academic and Classroom Facilities	33,032,100	\$32,095,245	0	32,095,245	2,194,210	0	Design

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
	303	General Classroom Building	12,647,000	\$12,014,650	0	12,014,650	805,447	0	Design
	304	King Hall Classroom Building – Comprehensive Renovation	2,697,400	\$2,439,930	0	2,439,930	76,393	0	Design
	305	Hoggard Hall Classroom Building – Comprehensive Renovation	3,550,400	\$6,214,770	0	6,214,770	448,723	0	Construction
	306	Alderman Hall Classroom Building – Comprehensive Renovation	2,940,800	\$2,422,760	0	2,422,760	210,349	0	Design
	307	Westside Hall Classroom Building – Comprehensive Renovation	2,687,300	\$2,242,976	3,038,540	5,281,516	165,670	2,801,902	Construction
	308	Kenan Hall Classroom Building – Comprehensive Renovation	3,056,600	\$2,580,770	0	2,580,770	43,912	0	Design
	309	Hinton James Hall Classroom Building – Comprehensive Renovation	1,468,000	\$1,183,600	0	1,183,600	11,841	0	Design
	310	Friday Hall Laboratory Building – Comprehensive Renovation	7,693,400	\$7,308,730	0	7,308,730	108,000	0	Design
	311	Kenan Auditorium – Comprehensive Renovation	3,095,300	\$2,506,988	0	2,506,988	454,600	0	Design
	312	Marine Sciences Research Center Operations Facility	2,929,600	\$3,083,120	300,000	3,383,120	125,000	49,028	Design
	313	Academic Support Facilities and Computing Center	4,585,900	\$1,140,000	257,595	1,397,595	1,131,235	217,595	Construction
	314	Infrastructure Expansion	1,775,000	\$4,933,199	105,250	5,038,449	1,602,025	105,250	Construction
	315	Land Acquisition	2,100,000	\$2,100,000	0	2,100,000	2,100,000	0	Complete
	316	Primary Electrical Distribution System Improvements	2,238,200	\$2,206,040	85,800	2,291,840	2,028,825	85,800	Complete
	317	Technology Infrastructure Expansion	2,949,000	\$2,801,550	0	2,801,550	2,332,661	0	Construction
	318	School of Education Building - Planning	1,030,800	\$1,030,800	0	1,030,800	1,030,800	0	Complete
	350	Swing Space Building		\$788,044	0	788,044	0	0	N/A
		Inflation		\$5,323,090	0	5,323,090	2,371,015	0	N/A
		Western Carolina University	100,336,744	\$100,336,744	9,910,023	110,246,767	51,386,058	7,355,458	
40079	301	Academic Facilities – Humanities and Fine Arts	26,030,700	\$28,385,849	1,671,411	30,057,260	22,840,954	1,671,411	Construction
	302	Stillwell Lab Building – Comprehensive Renovation	15,057,500	\$16,804,625	0	16,804,625	997,071	0	Design
	303	McKee Classroom Building – Comprehensive Renovation	5,289,700	\$6,769,890	0	6,769,890	6,172,033	0	Construction
	304	Bird Building – Renovation and Conversion for Student Health Center	1,836,500	\$0	0	0	0	0	Construction
	305	Conversion of Old Student Health Center to Residential and Academic Space	1,887,100	\$1,792,745	0	1,792,745	122,172	0	Design
	306	Breese Gymnasium – Conversion to Academic Use	1,161,300	\$1,258,235	0	1,258,235	481,331	0	Construction
	307	Housing Facility for 300 Students	15,204,600	\$14,444,370	7,052,754	21,497,124	13,680,692	4,498,189	Construction
	308	Chiller Replacement and CFC Retrofit	1,489,600	\$1,260,120	0	1,260,120	919,094	0	Construction
	309	Infrastructure Improvements (Steam and Electrical)	10,639,000	\$10,752,050	1,185,858	11,937,908	3,874,538	1,185,858	Construction
	310	Killian Clinic Annex – Comprehensive Renovation	3,129,900	\$0	0	0	0	0	Construction
	311	Killian Education and Allied Professions Building – Partial Renovation	1,546,300	\$4,442,390	0	4,442,390	1,148,238	0	Design
	312	Forsyth Classroom and Computer Labs Building – Comprehensive Renovation	7,064,000	\$7,210,800	0	7,210,800	364	0	Design
	313	Land Acquisition	3,093,000	\$3,093,000	0	3,093,000	172,888	0	Construction
	314	Technology Infrastructure Expansion	5,018,600	\$4,122,670	0	4,122,670	976,683	0	Construction
	315	Academic Facilities – Humanities and Fine Arts	1,888,944	\$0	0	0	0	0	Construction
		Winston-Salem State University	46,786,581	\$46,786,581	5,858,460	52,645,041	25,253,592	5,593,850	
40082	301	Computer Science Facility – Replacement and Consolidation	11,643,300	\$11,343,841	\$ 700,000.00	12,043,841	\$ 10,490,641.73	\$ 700,000.00	Construction
	302	Carolina Hall – Renovation and Conversion from Computer Center to Classrooms	4,270,700	\$4,270,700	\$ -	4,270,700	\$ 287,868.92		Design
	303	Physical and Life Sciences Building – Replacement of Hill Hall	12,109,500	\$12,109,500	\$ 248,000.00	12,357,500	\$ 4,667,232.65		Construction
	304	Anderson Center – Comprehensive Renovation and Change of Use for Early Childhood/Gerontology Programs	6,917,900	\$6,917,900	\$ 1,456,700.00	8,374,600	\$ 965,048.76	\$ 1,456,700.00	Design
	305	Health Center Building and Old Nursing Building – Comprehensive Renovation for Student Health	2,265,900	\$2,265,900	\$ -	2,265,900	\$ 93,585.00		Design
	306	Replace Underground Steam and Hot Water Piping	1,249,500	\$1,249,500	\$ -	1,249,500	\$ 1,136,121.30		Complete
	307	Chilled Water Loop System (combined w/above)	435,000	\$435,000	\$ 2,415,100.00	2,850,100	\$ 213,357.25	\$ 2,404,161.00	Construction
	308	Infrastructure Improvements	1,708,300	\$2,358,300	\$ -	2,358,300	\$ 1,515,217.07		Construction
	309	Technology Infrastructure Expansion	1,676,100	\$1,676,100	\$ -	1,676,100	\$ 1,211,089.45		Construction
	310	F. L. Atkins - Additions and Renovations	4,159,840	\$4,159,840	\$ 1,038,660.00	5,198,500	\$ 4,159,840.30	\$ 1,032,989.00	Complete
	311	Computer Science Facility - Planning	350,541	\$0	\$ -	0			

The University of North Carolina Bond Program

Code	Item	Institution	Bond Bill Amount	Revised (w/transfers) Bond Amount	Non-Bond Amount	Total Amount	Expended through 6/30/2004 Bonds	Expended through 6/30/2004 Other	Status
	350	Effective Project Management/Inflation					\$ 513,590.00		
		The University of North Carolina Affiliated Institutions	80,385,300	\$80,385,300	1,953,025	82,338,325	44,422,544	2,532,086	
						0			
40089	301	UNC Center for Public Television – Digital Conversion	64,995,000	\$64,995,000	1,100,000	66,095,000	35,803,304	1,654,061	Constr.&Purchase
40089	302	UNC Center for Public Television – Mobile Satellite Uplink	895,600	\$895,600	0	895,600	889,847	0	Complete
40069	301	North Carolina School of Science and Math – Comprehensive Renovation of Bryan Center	3,172,600	\$3,172,600		3,172,600	2,928,835	0	Construction
40069	302	North Carolina School of Science and Math – Comprehensive Renovation of Royall Outreach Center	1,990,400	\$1,990,400	853,025	2,843,425	1,990,400	853,025	Complete
40090	303	North Carolina Arboretum in Asheville – Improvements to Facilities and Infrastructure to provide for Environmental Education and Economic Development Opportunities	9,331,700	\$9,331,700		9,331,700	2,810,158	25,000	Construction
		The University of North Carolina - General Administration	3,051,200						
40089	304	Reserve for Land Acquisition (transferred to NCSU)	3,051,200						
		The University of North Carolina – UNC Reserves	25,186,595	\$25,186,595		25,186,595			
40071	301	Reserve – For Repairs and Renovations and Cost Overruns	25,186,595	\$25,186,595	0	25,186,595	0		
		TOTALS	2,500,000,000	\$2,500,000,000	457,116,261	2,957,116,261	976,999,223	141,358,164	

The University of North Carolina Bond Program								
Estimated Operating Costs - Bond funded non-dorm projects adding square footage - complete list 2/25/2003								
	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09
Appalachian State University								
Rankin Science Building – Comprehensive Renovation/Addition		\$ 199,851	\$ 234,728	\$ 234,728	\$ 234,728	\$ 234,728	\$ 234,728	\$ 234,728
Living and Learning Center – Academic Portion		\$ 21,755	\$ 222,807	\$ 149,126	\$ 149,126	\$ 149,126	\$ 149,126	\$ 149,126
Science Building - Completion of Labs and Academ. Space (2000sf)			\$ 15,441	\$ 15,313	\$ 15,313	\$ 15,313	\$ 15,313	\$ 15,313
Central Library Complex (221,836 sf)			\$ 41,829	\$ 1,406,541	\$ 1,406,541	\$ 1,406,541	\$ 1,406,541	\$ 1,406,541
Dougherty Admin Building			\$ 41,168	\$ 35,623	\$ 35,623	\$ 35,623	\$ 35,623	\$ 35,623
Visual Arts Centre			\$ 166,642	\$ 172,159	\$ 172,159	\$ 172,159	\$ 172,159	\$ 172,159
Water Plant Operations			\$ 64,277	\$ 36,206	\$ 36,206	\$ 36,206	\$ 36,206	\$ 36,206
East Carolina University								
Science Laboratories and Technology Building		\$ 1,197,351	\$ 2,584,158	\$ 2,584,158	\$ 2,584,158	\$ 2,584,158	\$ 2,584,158	\$ 2,584,158
Expansion and Renov of Old Nursing Bldg (44,000sf)			\$ 230,602	\$ 317,270	\$ 317,270	\$ 317,270	\$ 317,270	\$ 317,270
Nursing, Allied Hlth and Devel Eval Clinic & Medical School Addition of Library and Study Space (280Ksft)			\$ -	\$ -	\$ 2,063,595	\$ 2,594,895	\$ 2,594,895	\$ 2,594,895
Flanagan Renovation and Conversion			\$ 67,229	\$ 290,229	\$ 195,250	\$ 290,229	\$ 290,229	\$ 290,229
Purchased Properties incl Greenville Center			\$ 2,318,611	\$ 1,705,028	\$ 1,705,028	\$ 1,705,028	\$ 1,705,028	\$ 1,458,655
Elizabeth City State University								
Physical Education Facilities		\$ 20,736	\$ 20,112	\$ 20,112	\$ 20,112	\$ 20,112	\$ 20,112	\$ 20,112
Student Center (35,000sf)			\$ -	\$ 11,960	\$ 11,471	\$ 11,471	\$ 11,471	\$ 11,471
Central Utility Plant			\$ 60,170	\$ 222,407	\$ 222,407	\$ 222,407	\$ 222,407	\$ 222,407
Williams Hall			\$ 52,461	\$ 51,587	\$ 51,587	\$ 51,587	\$ 51,587	\$ 51,587
Johnson Hall				\$ 45,373	\$ 44,642	\$ 44,642	\$ 44,642	\$ 44,642
Ridley Hall				\$ 55,108	\$ 72,669	\$ 72,669	\$ 72,669	\$ 72,669
Lane Hall					\$ 14,449	\$ 14,231	\$ 14,231	\$ 14,231
Trigg Hall						\$ 13,687	\$ 13,487	\$ 13,487
Fayetteville State University								
Lyons Science and Lab Bldg CompRenov & Addition (55,850sf)				\$ 121,437	\$ 312,176	\$ 312,176	\$ 312,176	\$ 312,176
Spalding Renovation & Addition			\$ 28,946	\$ 26,564	\$ 26,564	\$ 26,564	\$ 26,564	\$ 26,564
North Carolina A&T State University								
General Classroom and Lab Complex		\$ 253,882	\$ 1,190,829	\$ 861,446	\$ 861,446	\$ 861,446	\$ 861,446	\$ 861,446
Campus Security Improvements				\$ -	\$ -	\$ -	\$ -	\$ -
Hazardous Materials and Waste Storage Facility (5000sf)				\$ 13,240	\$ 34,555	\$ 34,555	\$ 34,555	\$ 34,555
Corbett Intramural Center - Addition (26,436 sf calc'd)				\$ -	\$ 134,964	\$ 173,151	\$ 173,151	\$ 173,151
Chemistry Lab Repl for Hines Hall (72,900 sf)				\$ 94,122	\$ 615,418	\$ 615,418	\$ 615,418	\$ 615,418
Moore Gym Swing Space (4,500 sf)			\$ 63,402	\$ 38,135	\$ 38,135	\$ 38,135	\$ 38,135	\$ 38,135

The University of North Carolina Bond Program								
Estimated Operating Costs - Bond funded non-dorm projects adding square footage - complete list 2/25/2003								
	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09
North Carolina Central University								
Turner Law School Renovation/Addition				\$ 57,067	\$ 112,270	\$ 112,270	\$ 112,270	\$ 112,270
BN Duke Auditorium Addition			\$ 9,764	\$ 10,425	\$ 10,425	\$ 10,425	\$ 10,425	\$ 10,425
Science Complex - Repl Rob/Hub/Lee Bldgs (120,000sf)				\$ 1,001,391	\$ 994,192	\$ 994,192	\$ 994,192	\$ 994,192
North Carolina School of the Arts								
Student Services Support Complex (17,000 sf)			\$ 74,070	\$ 120,960	\$ 120,960	\$ 120,960	\$ 120,960	\$ 120,960
New School of Music			\$ 328,867	\$ 249,511	\$ 249,511	\$ 249,511	\$ 249,511	\$ 249,511
Film Archives			\$ 401,487	\$ 299,394	\$ 299,394	\$ 299,394	\$ 299,394	\$ 299,394
Stevens Center Adm/Acad/Classroom			\$ 172,555	\$ 122,258	\$ 122,258	\$ 122,258	\$ 122,258	\$ 122,258
Workplace Adm/Acad/Classroom			\$ 420,767	\$ 314,700	\$ 314,700	\$ 314,700	\$ 314,700	\$ 314,700
1315 Main Street Adm/Acad/Classroom			\$ 298,175	\$ 228,501	\$ 228,501	\$ 228,501	\$ 228,501	\$ 228,501
1411 Main Street Adm/Acad/Classroom			\$ 170,809	\$ 120,180	\$ 120,180	\$ 120,180	\$ 120,180	\$ 120,180
1415 Main Street Adm/Acad/Classroom			\$ 153,161	\$ 108,881	\$ 108,881	\$ 108,881	\$ 108,881	\$ 108,881
1421 Main Street Adm/Acad/Classroom			\$ 295,741	\$ 226,942	\$ 226,942	\$ 226,942	\$ 226,942	\$ 226,942
2001 Main Street Adm/Acad/Classroom			\$ 301,927	\$ 229,942	\$ 229,942	\$ 229,942	\$ 229,942	\$ 229,942
Chapel Street Adm/Acad/Classroom			\$ 337,939	\$ 250,417	\$ 250,417	\$ 250,417	\$ 250,417	\$ 250,417
Sunnyside Avenue Adm/Acad/Classroom			\$ 461,213	\$ 347,712	\$ 347,712	\$ 347,712	\$ 347,712	\$ 347,712
Performance Place Addition Adm/Acad/Classroom			\$ 162,470	\$ 112,920	\$ 112,920	\$ 112,920	\$ 112,920	\$ 112,920
Student Life Connector			\$ -	\$ 68,363	\$ 68,363	\$ 68,363	\$ 68,363	\$ 68,363
Costume Shop			\$ -	\$ 103,533	\$ 138,044	\$ 138,044	\$ 138,044	\$ 138,044
North Carolina State University								
Undergraduate Science Teaching Lab – Phase I (Greenhouses)	\$ 133,983	\$ 151,588	\$ 151,588	\$ 151,588	\$ 151,588	\$ 151,588	\$ 151,588	\$ 151,588
Undergraduate Science Teaching Lab – Phase I (Main Building)			\$ 195,421	\$ 759,692	\$ 759,692	\$ 759,692	\$ 759,692	\$ 759,692
Field Research Laboratories and Outlying Research Facilities – Phase I - Tyrell County Facility	\$ 30,758	\$ 90,034	\$ 90,034	\$ 90,034	\$ 90,034	\$ 90,034	\$ 90,034	\$ 90,034
Research Laboratory Space – Phase I - Flex Lab Building		\$ 387,249	\$ 655,280	\$ 655,280	\$ 655,280	\$ 655,280	\$ 655,280	\$ 655,280
Research and Teaching Feed Mill		\$ 12,102	\$ 19,748	\$ 19,748	\$ 19,748	\$ 19,748	\$ 19,748	\$ 19,748
College of Engineering - Phase I				\$ 1,116,855	\$ 1,108,362	\$ 1,108,362	\$ 1,108,362	\$ 1,108,362
Horticulture Classroom at Arboretum Education Center	\$ 57,280	\$ 67,132	\$ 67,132	\$ 67,132	\$ 67,132	\$ 67,132	\$ 67,132	\$ 67,132
Jordan Hall Lab and Classroom Bldg - Addition (48,000 sf)				\$ 205,809	\$ 389,625	\$ 389,625	\$ 389,625	\$ 389,625
Library Addition (NO ADDIT: reuse of exist space)				\$ -	\$ -	\$ -	\$ -	\$ -
College of Vet Medicine - Resrch Addit and Renov (103,000 sf)				\$ 320,438	\$ 838,024	\$ 838,024	\$ 838,024	\$ 838,024
College of Engineering - Phase II (185,000 sf)				\$ 952,094	\$ 1,158,951	\$ 1,158,951	\$ 1,158,951	\$ 1,158,951
David Clark Labs - CompRen & Addition (16,000 sf)				\$ 31,728	\$ 147,687	\$ 147,687	\$ 147,687	\$ 147,687
Undergraduate Science Teaching Labs Phase II (46,000 sf)				\$ 82,241	\$ 381,512	\$ 381,512	\$ 381,512	\$ 381,512
Support Services Center (52,740 sf)			\$ 9,796	\$ 327,086	\$ 327,086	\$ 327,086	\$ 327,086	\$ 327,086
Public Safety Bldg (18,250 sf)				\$ 120,518	\$ 124,683	\$ 124,683	\$ 124,683	\$ 124,683

The University of North Carolina Bond Program								
Estimated Operating Costs - Bond funded non-dorm projects adding square footage - complete list 2/25/2003								
	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09
Beef Education Unit (19,000 sf)		\$ 88,367	\$ 126,917	\$ 126,917	\$ 126,917	\$ 126,917	\$ 126,917	\$ 126,917
CVM Central Utility Plant			\$ 58,374	\$ 138,765	\$ 138,765	\$ 138,765	\$ 138,765	\$ 138,765
Partners III (79,847 gsf)				\$ 768,168	\$ 684,649	\$ 684,649	\$ 684,649	\$ 684,649
Steam Dist & Capacity Improvements - Sullivan			\$ 5,590	\$ 33,540	\$ 33,540	\$ 33,540	\$ 33,540	\$ 33,540
Water Distribution & Backflow Preventers			\$ 54,000	\$ 54,000	\$ 54,000	\$ 54,000	\$ 54,000	\$ 54,000
Property Conversions - Clark, Graphics, Spring Hill (50,502 gsf)			\$ 255,463	\$ 210,349	\$ 210,349	\$ 210,349	\$ 210,349	\$ 210,349
Sullivan Shops II (13,562 gsf)				\$ 143,137	\$ 112,519	\$ 112,519	\$ 112,519	\$ 112,519
Welcome & Visitor Center (26,376 gsf)				\$ 219,708	\$ 185,257	\$ 185,257	\$ 185,257	\$ 185,257
Riddick Labs Renovation (adding 12,837 gsf)						\$ 94,177	\$ 115,990	\$ 115,990
Polk Hall Renovation (adding 14,400 gsf)								\$ 89,842
The University of North Carolina at Asheville								
Highsmith Center - Renovation and Addition	\$ 137,033	\$ 77,070	\$ 232,302	\$ 232,302	\$ 232,302	\$ 232,302	\$ 232,302	\$ 232,302
Math and Science Bldgs - Repl Rhodes & Robinson (47,519 sf)						\$ 15,145	\$ 299,073	\$ 299,073
Relocate Physical Plant Facilities (25,000 sf)					\$ 145,658	\$ 168,874	\$ 168,874	\$ 168,874
Carmichael Hall				\$ 2,573	\$ 2,573	\$ 2,573	\$ 2,573	\$ 2,573
The University of North Carolina at Chapel Hill								
Teaching Research Building – School of Public Health Project Supplement				\$ 1,028,455	\$ 1,020,540	\$ 1,020,540	\$ 1,020,540	\$ 1,020,540
School of Medicine - Bioinformatics Building		\$ 667,644	\$ 932,245	\$ 932,245	\$ 932,245	\$ 932,245	\$ 932,245	\$ 932,245
Carolina Living and Learning Center	\$ 36,868	\$ 36,868	\$ 36,868	\$ 36,868	\$ 36,868	\$ 36,868	\$ 36,868	\$ 36,868
R.B. House Library - Renovations			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Medical Biomolecular Research Building		\$ 1,030,897	\$ 2,504,789	\$ 2,504,789	\$ 2,504,789	\$ 2,504,789	\$ 2,504,789	\$ 2,504,789
Carrington Hall - School of Nursing (54,000 sf)				\$ 560,558	\$ 737,393	\$ 737,393	\$ 737,393	\$ 737,393
School of Public Health Teach/Res Bldg Suppl (123,000 sf)				\$ 558,589	\$ 719,104	\$ 719,104	\$ 719,104	\$ 719,104
Physical Plant Support Facilities (120,000 sf)				\$ 913,076	\$ 812,939	\$ 812,939	\$ 812,939	\$ 812,939
Community Health Building Consol of Projects with Medical Research Bldg Renov (120,000 sf)				\$ 568,760	\$ 1,378,460	\$ 1,378,460	\$ 1,378,460	\$ 1,378,460
Science Complex Phase I (270,000 sf)				\$ 1,329,151	\$ 2,929,893	\$ 2,929,893	\$ 2,929,893	\$ 2,929,893
Science Complex Phase II (270,000 sf)							\$ 2,361,944	\$ 2,929,893
Memorial Hall CompRenov & Addition (30,000 sf)			\$ 9,217	\$ 112,041	\$ 112,041	\$ 112,041	\$ 112,041	\$ 112,041
Academic Facilities for Intl Ed (56,000 sf)						\$ 382,021	\$ 373,139	\$ 373,139
College of A&S Digital Multimedia (WS ESTIMATE AT 62,700 sf)							\$ 390,651	\$ 444,285
Student Services Bldg to Consolidate Services (116,000 sf)					\$ 848,982	\$ 801,433	\$ 801,433	\$ 801,433
The University of North Carolina at Charlotte								
Academic Facilities – Humanities (Office Wing)		\$ 195,415	\$ 195,415	\$ 195,415	\$ 195,415	\$ 195,415	\$ 195,415	\$ 195,415
Academic Facilities – Humanities (Academic Wing)			\$ 721,989	\$ 814,840	\$ 814,840	\$ 814,840	\$ 814,840	\$ 814,840
Science and Technology Building			\$ 326,544	\$ 1,494,775	\$ 1,494,775	\$ 1,494,775	\$ 1,494,775	\$ 1,494,775

The University of North Carolina Bond Program								
Estimated Operating Costs - Bond funded non-dorm projects adding square footage - complete list 2/25/2003								
	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09
Science and Technology Vivarium			\$ 31,181	\$ 122,056	\$ 122,056	\$ 122,056	\$ 122,056	\$ 122,056
Central Heating Plant Improvements – Upgrade and		\$ 67,873	\$ 199,177	\$ 199,177	\$ 199,177	\$ 199,177	\$ 199,177	\$ 199,177
Classroom and Office Building (101,400 sf)				\$ 1,000,485	\$ 915,142	\$ 915,142	\$ 915,142	\$ 915,142
College of Education Building (113,000 sf)				\$ 883,914	\$ 848,404	\$ 848,404	\$ 848,404	\$ 848,404
Graduate Engineering Complex inclds Resrch Facil&Lab Space				\$ 964,803	\$ 886,645	\$ 886,645	\$ 886,645	\$ 886,645
College of Nursing and Health Professionals Building (152,000 s					\$ 89,634	\$ 972,610	\$ 972,610	\$ 972,610
Physical Plant and Campus Public Safety Facil (33,644 sf)				\$ 477,360	\$ 432,087	\$ 432,087	\$ 432,087	\$ 432,087
R.U.P. Phase I			\$ 111,978	\$ 61,199	\$ 61,199	\$ 61,199	\$ 61,199	\$ 61,199
R.U.P. Phase II			\$ 6,015	\$ 21,450	\$ 21,450	\$ 21,450	\$ 21,450	\$ 21,450
The University of North Carolina at Greensboro								
Science Instructional Building - Replace Petty		\$ 608,039	\$ 1,597,402	1,326,546	1,326,546	1,326,546	1,326,546	1,326,546
Electrical Substation			\$ 225,000	\$ 540,000	\$ 540,000	\$ 540,000	\$ 540,000	\$ 540,000
McIver Replacement -Humanities					\$ 527,883	\$ 533,309	\$ 533,309	\$ 533,309
McIver Replacement - Studio					\$ 675,438	\$ 689,625	\$ 689,625	\$ 689,625
The University of North Carolina at Pembroke								
Science Building (33,466 sf)				\$ 280,594	\$ 280,594	\$ 280,594	\$ 280,594	\$ 280,594
DF Lowry Classroom Bldg Comp Renov & Addit (? sf) USE 3700 SFT					\$ 6,283	\$ 18,221	\$ 18,221	\$ 18,221
Economic Forum Building (11,655 sf)			\$ 99,280	\$ 49,185	\$ 49,185	\$ 49,185	\$ 49,185	\$ 49,185
Jones Phys Ed Addit and Renov (32,200 sf)			\$ 18,725	\$ 206,545	\$ 206,545	\$ 206,545	\$ 206,545	\$ 206,545
Physical Plant Complex			\$ 114,180	\$ 459,514	\$ 459,514	\$ 459,514	\$ 459,514	\$ 459,514
Auxiliary Services					\$ 257,903	\$ 257,903	\$ 257,903	\$ 257,903
The University of North Carolina at Wilmington								
School of Education Building			\$ 380,952	\$ 610,619	\$ 610,619	\$ 610,619	\$ 610,619	\$ 610,619
Academic Support Facilities and Computing Center (0 sf, see								
Printing Services		\$ 4,268	\$ 18,355	\$ 14,129	\$ 14,129	\$ 14,129	\$ 14,129	\$ 14,129
Warehouse		\$ 30,758	\$ 162,545	\$ 110,154	\$ 110,154	\$ 110,154	\$ 110,154	\$ 110,154
General Classroom Building (62,000 sf)				\$ 231,798	\$ 460,259	\$ 460,259	\$ 460,259	\$ 460,259
Marine Sciences Research Center Operations Facility (25,600 sf)				\$ 98,766	\$ 200,525	\$ 200,525	\$ 200,525	\$ 200,525
Academic and Classroom Facilities (110,000 sf)						\$ 325,750	\$ 697,176	\$ 697,176
Swing Building			\$ 170,381	\$ 116,234	\$ 116,234	\$ 116,234	\$ 116,234	\$ 116,234
WestSide Hall Addition			\$ 76,604	\$ 136,753	\$ 136,753	\$ 136,753	\$ 136,753	\$ 136,753
Computer Center Addition			\$ 15,000	\$ 224,328	\$ 176,128	\$ 176,128	\$ 176,128	\$ 176,128
Creative Arts Classroom Building						\$ 926,650	\$ 750,478	\$ 750,478
Infrastructure/Central Energy Plant								
Western Carolina University								
Academic Facilities – Humanities and Fine Arts			\$ 593,816	\$ 607,761	\$ 607,761	\$ 607,761	\$ 607,761	\$ 607,761

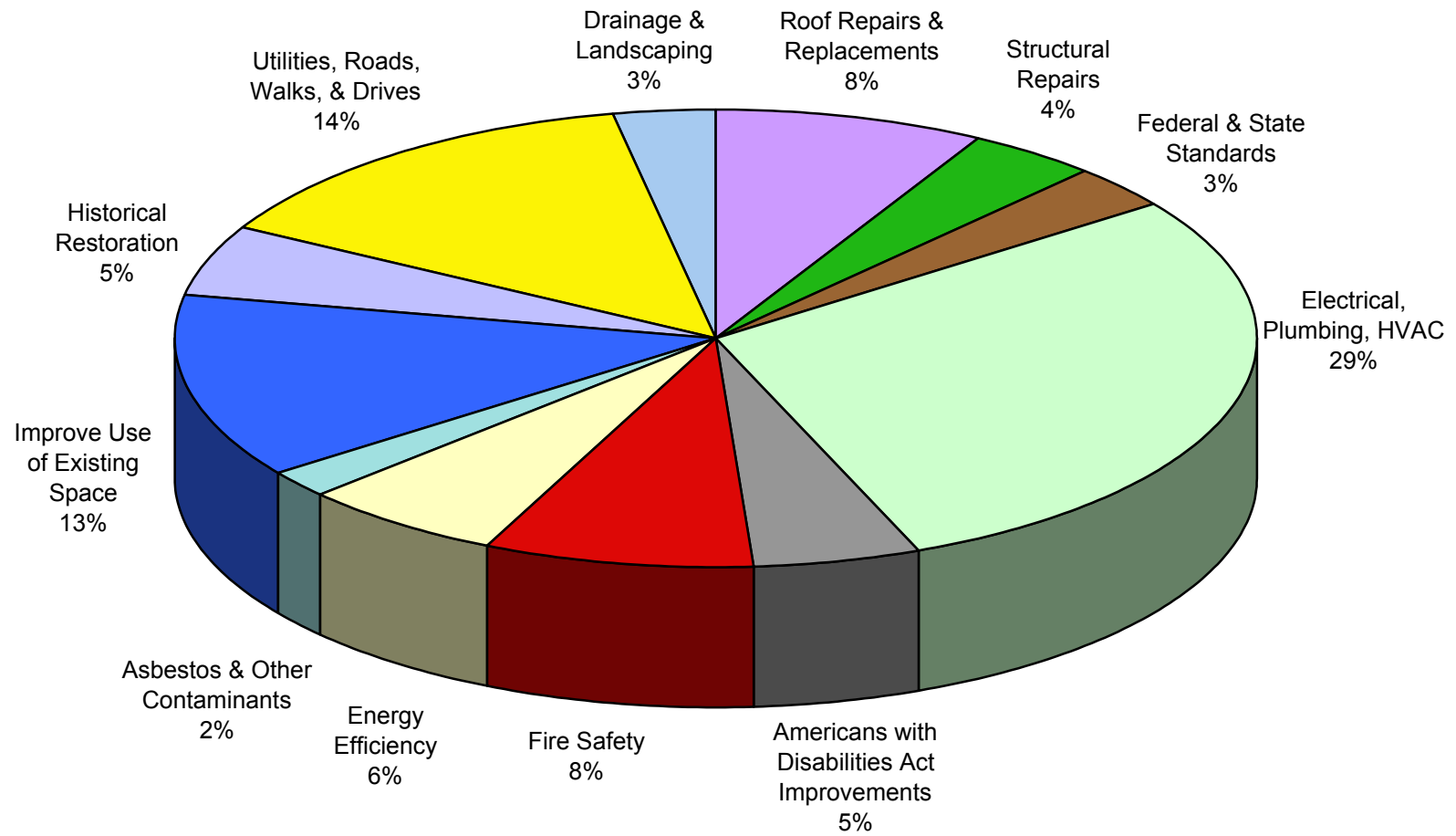
The University of North Carolina Bond Program								
Estimated Operating Costs - Bond funded non-dorm projects adding square footage - complete list 2/25/2003								
	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09
Winston-Salem State University								
Computer Science Facility – Replacement and Consolidation			\$ 676,699	\$ 502,699	\$ 502,699	\$ 502,699	\$ 502,699	\$ 502,699
F.L. Atkins Building - Additions and Renovations	\$ 176,372	\$ 216,925	\$ 216,925	\$ 216,925	\$ 216,925	\$ 216,925	\$ 216,925	\$ 216,925
Physical and Life Sciences Bldg Replcmnt of Hill Hall (51,378 sf)			\$ 216,899	\$ 383,716	\$ 383,716	\$ 383,716	\$ 383,716	\$ 383,716
Health Center Building (10,000 sf)				\$ 37,055	\$ 37,055	\$ 37,055	\$ 37,055	\$ 37,055
Anderson Centre			\$ 35,544	\$ 35,544	\$ 35,544	\$ 35,544	\$ 35,544	\$ 35,544
Affiliates								
UNC Center for Public Television								
UNC-TV Digital Conversion								
North Carolina School of Science and Math								
Comprehensive Renovation of the Royall Outreach Center		\$ 200,852	\$ 341,363	\$ 341,363	\$ 341,363	\$ 341,363	\$ 341,363	\$ 341,363
North Carolina Arboretum in Asheville								
Gating and Gatehouses Rollup			\$ 62,983	\$ 188,673	\$ 188,673	\$ 188,673	\$ 188,673	\$ 188,673
Operations Support Facility (10,400 sf)			\$ 203,104	\$ 166,717	\$ 166,717	\$ 166,717	\$ 166,717	\$ 166,717
Greenhouse Exhibit Center (20,000 sf)				\$ 39,956	\$ 171,266	\$ 171,266	\$ 171,266	\$ 171,266
TOTALS	\$ 572,294	\$ 5,626,656	\$ 23,215,177	\$ 41,016,251	\$ 50,497,626	\$ 53,809,498	\$ 57,054,006	\$ 57,519,058
NOTES:								
Amounts are in 2002 Dollars								
This treatment removed following projects:								
ECSU Studnt Res Hall for 200 Students 55,000 sf, 12mo ops cost of \$333,817.								
FSU Residence Hall for 275 Students, 58,000 sf, 12mo ops cost of \$342,753.								
NCAT New Student Housing (6 bldgs) 260,000 sf, 12mo ops costs of \$1,618,887.								
NCCU Student Housing Repl 16,500 sf, 12mo ops cost of \$119,470.								
NCCU Baynes Hall Repl 94,000 sf, 12mo ops cost of \$587,854.								
UNCP Residence/Dining Repl of Jacobs&Wellons 49,000 sf 12mo ops cost of \$303,484								
WCU Housing Facil for 300 Students unknown sf. 12mo ops cost of \$386,715								

FCAP DEICIENCY FIGURES AS A PERCENTAGE OF ESTIMATED
REPLACEMENT COSTS, APPROPRIATED AND NON-APPROPRIATED:
CAMPUS AND SYSTEM - FINAL 2002 INVENTORY DATE
INTERIM 2003 FCAP DATA

	APPROP ERC	APPROP FCAP	PCT	NONAPPR ERC	NONAPPR FCAP	PCT
UNCCH-ACAD. AFFRS.	\$989,299,357	\$130,531,106	13.2	\$305,834,653	\$78,344,629	25.6
UNC CHARLOTTE	\$313,724,593	\$38,014,419	12.1	\$165,590,863	\$9,654,370	5.8
UNC GREENSBORO	\$243,454,200	\$68,107,228	28.0	\$97,344,714	\$34,082,810	35.0
N.C. STATE	\$1,130,704,520	\$90,849,111	8.0	\$375,850,253	\$33,336,409	8.9
N.C. A&T	\$333,556,766	\$34,774,611	10.4	\$65,249,331	\$10,539,913	16.2
APPAL. ST.	\$344,179,549	\$48,873,972	14.2	\$115,474,681	\$21,871,801	18.9
UNC ASHEVILLE	\$115,530,225	\$11,482,187	9.9	\$44,472,000	\$753,000	1.7
ECU-ACAD. AFFRS.	\$358,728,817	\$94,922,954	26.5	\$197,488,648	\$30,197,947	15.3
ELIZ. CITY ST.	\$71,376,121	\$5,604,640	7.9	\$29,986,802	\$5,129,549	17.1
FAYETTEVILLE ST.	\$75,291,507	\$4,879,760	6.5	\$28,353,664	\$2,655,914	9.4
N.C. CENTRAL	\$173,420,262	\$21,724,874	12.5	\$41,244,379	\$17,879,254	43.3
UNC PEMBROKE	\$98,017,444	\$8,587,861	8.8	\$11,556,354	\$3,102,750	26.8
WESTERN CAROLINA	\$157,243,304	\$22,126,728	14.1	\$59,733,218	\$9,289,939	15.6
UNC WILMINGTON	\$179,525,955	\$12,445,570	6.9	\$45,375,764	\$11,318,658	24.9
WINSTON SALEM ST.	\$80,154,540	\$7,834,555	9.8	\$23,423,423	\$5,106,853	21.8
N.C. SCH. OF THE ARTS	\$71,268,241	\$5,183,954	7.3	\$11,283,377	\$4,084,810	36.2
UNCCH-HLTH AFFRS	\$691,028,458	\$58,108,779	8.4	\$414,544	\$67,378	16.3
ECU-HLTH AFRS	\$147,290,966	\$14,626,618	9.9	\$16,068,572	\$355,609	2.2
NCSU VET SCHOOL	\$77,028,227	\$3,275,260	4.3	\$0	\$0	0.0
ALL UNC	\$5,650,823,052	\$681,954,187	12.1	\$1,634,745,240	\$277,771,593	17.0

The University of North Carolina

REPAIRS AND RENOVATIONS REQUESTS BY CATEGORY OF PROJECT



The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002

Appalachian State University	31,860,000
Roof repairs and replacements	1,600,000
Roof Repairs and Replacements – Varsity Gym, Comprehensive Clinic, Broyhill Music, Farthing Auditorium, I. G. Greer, Kerr Scott, and Duncan Hall	1,600,000
Structural repairs	2,125,000
Exterior Walls – Varsity Gym, Walker Hall, Wey Hall, Broyhill Music, Edwin Duncan Hall, and Kidd Brewer Stadium	850,000
Masonry Repair and Waterproofing – I. G. Greer, Raley Hall, Wey Hall, Farthing Auditorium, Kerr Scott Hall, Belk Library, D. D. Dougherty Hall, Varsity Gym, and Edwin Duncan Hall	1,275,000
Repairs and renovations to meet federal and state standards	3,900,000
Water Distribution System Repair and Replacement	3,900,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	3,875,000
Replace Transfer Switch and Generator – Sanford Hall	3,875,000
Rewire I. G. Greer Hall	
Upgrade Electrical System – Physical Plant Administration Building	
Replace Air Handling System – Farthing Auditorium	
Replace Air Economizers – Walker Hall	
Replace HVAC Systems – Sanford, B. B. Dougherty, and I. G. Greer Halls	
Improvements to meet the requirements of the Americans with Disabilities Act	3,425,000
Elevator Additions or Upgrades – Farthing Auditorium, I. G. Greer Hall, Kidd Brewer Stadium, Wey Hall, Sanford Hall, Walker Hall, and Raley Hall	1,675,000
Rivers Street Pedestrian Bridge	1,750,000
Improvements to meet fire safety needs	5,585,000
Install Sprinkler Systems – B. B. Dougherty, Walker Hall, Kerr Scott Hall, I. G. Greer Hall, Sanford Hall, Raley Hall, Wey Hall, Broyhill Music, Farthing Auditorium, Physical Plant Shops, and Administration	4,385,000

¹ List of projects included in the Board of Governor's 2003-05 Budget Request. This list represents the highest priority needs of the campuses and affiliates. It is not a specific request for funds appropriated by the 2003 General Assembly.

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Appalachian State University (continued)

Improvements to meet fire safety needs (continued)

Install Addressable Fire Alarm Systems – Kerr Scott Hall, I. G. Greer Hall, Sanford Hall, Raley Hall, Wey Hall, Broyhill Music, Farthing Auditorium, Physical Plant Shops, and Administration	1,200,000
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Improvements to existing facilities for energy efficiency	4,200,000
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Chiller Replacements – B. B. Dougherty, Broyhill Continuing Education Center, Broyhill Music, Farthing Auditorium, Rankin Science, Duncan Hall, and Wey Hall	2,350,000
Window Replacements – Rankin Science, Sanford Hall, Duncan Hall, Comprehensive Clinic, and Kerr Scott Hall	1,850,000

**Improvements to remove asbestos, lead paint, and other
contaminants, including the removal and replacement of
underground storage tanks**

2,500,000

Replacement of Asbestos Water Lines	2,500,000
Replacement of Asbestos Pipe Insulation in Steam Tunnels	

**Improvements and renovations to improve use of
existing space**

1,750,000

Classroom Upgrades – Campus-wide	1,750,000
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**Improvements to roads, walks, drives, utilities
infrastructure**

1,200,000

Campus Street and Walk Repairs and Replacements	1,200,000
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Drainage and landscape improvements

1,700,000

Major Stream Restoration	1,700,000
Flood Mitigation	
Replacement and Upgrade of Storm Drainage System – Campus-wide	

East Carolina University

51,362,000

Roof repairs and replacements

3,520,000

Roof Replacements at the School of Medicine – Brody, Biotech, MRI, Corridor, Brody Auditorium, West Academic Building, and Support Buildings	1,060,000
Roof Replacements and Repairs on the Main Campus – Graham, Ragsdale, Spilman, Messick, Irons, Steam Plant, Flanagan, Howell Science, Austin, Rawl, and Joyner Library	2,460,000

The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002

East Carolina University (continued)

Structural repairs	2,292,000
Masonry Repair and Building Envelope Repairs – Brewster Building, Fletcher Music, Howell Science, and McGinnis	922,000
Window Replacements – Bloxton, Graham, Joyner, Messick, Ragsdale, Austin, and Rawl	1,370,000
Repairs and renovations to meet federal and state standards	2,150,000
Exterior Lighting, Exit, and Egress Lighting Improvements	300,000
Chiller Modifications to Eliminate Ozone Reducing Chemicals	170,000
Miscellaneous Safety and Department of Insurance Repairs	1,680,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	16,400,000
Chiller, Cooling Tower Replacements, and Retrofits – School of Medicine	3,120,000
Replace Air Handling Units, Coils, and Variable Air Volume Boxes – Austin, Fletcher Music, Rawl, and Brewster	670,000
Replace Heating, Ventilation, Air Conditioning, and Electrical System – Memorial Gym	1,000,000
Replace Heating, Ventilation, and Air Conditioning System – Howell Science Complex	5,400,000
Electrical System Upgrades and Replacements – Graham, Erwin, and Spilman	340,000
Replace Local Exhaust System Components – School of Medicine	1,000,000
Heating, Ventilating, and Air Conditioning Repairs and Replacements	750,000
Electrical Repairs and Replacements – Secondary Power and Branch Circuits	750,000
Building Automation System Repairs and HVAC Controls Replacement – Main Campus and School of Medicine	825,000
Plumbing Repairs and Replacements	360,000
Indoor Air Quality Improvements	300,000
Repairs to Electrical and Plumbing Systems, and HVAC System Re-balancing – School of Medicine	400,000
Replace Ultra Pure Water System and Reverse Osmosis System – School of Medicine	100,000
Security System Upgrades – School of Medicine	175,000
Emergency Generators – Repairs, Replacements, and Additions – Academic Campus	250,000

The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002

East Carolina University (continued)

**Repairs to electrical, plumbing and heating, ventilating,
and air-conditioning systems (continued)**

Emergency Generator Replacements and Extensions – School of Medicine – Brody, Life Science Building, and Steam Plant	660,000
Mechanical, Electrical, and Plumbing Renovations – Voice of America	300,000

**Improvements to meet the requirements of the Americans
with Disabilities Act**

6,075,000

Elevator Upgrades – 19 Buildings	4,350,000
Elevator Installations and Restroom Upgrades – Whichard, Graham, and Spilman	1,500,000
Entrance and Egress Modifications – Ramps and Stair Treads – Speight, Willis, Graham, Warehouse, Mamie Jenkins, Messick, Old Cafeteria, and School of Medicine	125,000
Handicap Door Operators – Panic Devices and Interior Signage	100,000

Improvements to meet fire safety needs

2,620,000

Install Fire Alarm Systems – 17 Campus Buildings and 25 School of Medicine Buildings	1,270,000
Fire Rated Doors – Graham, Jenkins, Ragsdale, Whichard, and Howell Science	1,250,000
Emergency Egress Lighting	100,000

Improvements to existing facilities for energy efficiency

655,000

Electronic Ballasts Replacements	75,000
Brody Heat Exchange System Repair	580,000

**Improvements to remove asbestos, lead paint, and other
contaminants, including the removal and replacement of
underground storage tanks**

300,000

Asbestos Abatement – Campus-wide	300,000
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**Improvements and renovations to improve use of
existing space**

4,100,000

Carpet and Floor Tile Replacements	500,000
Classroom Seating Improvements	500,000
Renovation – Eller House	325,000
Renovation – International House	325,000
Replace Metal Dormers, Windows, and Doors – Jenkins Art Building	200,000
Minor Renovation Projects	600,000
Site Renovations and Upgrades – Voice of America	150,000
Renovations and Upgrades – Academic Buildings	1,500,000

The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002

East Carolina University (continued)

Improvements to roads, walks, drives, utilities infrastructure	11,250,000	
Primary Electrical Distribution Upgrades – Phase III		1,250,000
Steam Distribution Repairs and Replacements		4,250,000
Chilled Water Extensions – Howell Science, Brewster, Fletcher, Graham, Rawl, Austin, Wright, Messick, McGinnis, Speight, Whichard, Ragsdale, and Spilman		4,200,000
Exterior Improvements to Grounds and Pedestrian Ways		450,000
Road System Repairs and Improvements		1,100,000
Drainage and landscape improvements	2,000,000	
Repair and Replace Drainage System at Town Creek Between 1st and 3rd Street		925,000
Storm Sewer Improvements		475,000
Repair Water and Sewer Cross Connections		600,000

Elizabeth City State University **14,350,800**

Roof repairs and replacements	544,000	
Replace Roofs – Moore, Wilkins, Jenkins, and Griffin		380,000
Replace Miscellaneous Small Building Roofs		164,000
Structural repairs	1,170,000	
Exterior Waterproofing and Leak Repairs – Thorpe and Moore Halls		300,000
Replace Exterior Entrance Doors – 7 Buildings		350,000
Repair and Replace Gymnasium Bleachers		240,000
Repair Steel Substructure – Roebuck Stadium		200,000
Replace Skylights – Griffin Hall		80,000
Repairs and renovations to meet federal and state standards	180,000	
Replace Stair Treads		180,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	3,455,000	
Renovate Heating, Ventilation, and Air Conditioning – Little Library		1,220,000
Replace Plumbing – Moore Hall		190,000
Chilled Water Extensions – 6 Buildings		475,000
Replace Sanitary Sewer Lines		350,000
Emergency Generator Repair and Replacement		125,000
Emergency Generator for Phone and Computer Hub – Doles		75,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Elizabeth City State University (continued)

**Repairs to electrical, plumbing and heating, ventilating, and
air-conditioning systems (continued)**

HVAC Repairs and Replacements	300,000
Plumbing Repairs	300,000
Water Conserving Plumbing Fixtures	120,000
Electrical Repairs	300,000

**Improvements to meet the requirements of the Americans
with Disabilities Act**

390,000

Replace Building Signage to Comply with ADA	160,000
Curb and Sidewalk Handicap Access Modifications	30,000
Additional Elevator – Moore Hall	200,000

Improvements to meet fire safety needs

740,000

Install Sprinklers – Moore Hall and Little Library	410,000
Exit Lighting Replacements	150,000
Fire Alarm Replacements – 3 Buildings	180,000

Improvements to existing facilities for energy efficiency

500,000

Retrofit Lamps and Ballasts for Energy Saving	320,000
Expand and Repair Metering	180,000

**Improvements to remove asbestos, lead paint, and other
contaminants, including the removal and replacement of
underground storage tanks**

510,000

Buried Tank Replacement and Remediation	320,000
Hazardous Material and Hazardous Waste Storage Area	70,000
Asbestos Containing Floor Tile Removal	120,000

**Improvements and renovations to improve use of
existing space**

3,291,800

Renovate ROTC Building	145,000
Upgrade Various Classrooms	480,000
Rehabilitate Technology Labs – Dixon Hall	510,000
Rehabilitate 2nd Floor Areas for Alternate Academic Use – Dixon Hall	510,000
Rehabilitate Vaughan Center Locker Areas and Offices	250,000
Install Card Key Access for all Academic Buildings	300,000
Upgrade and Standardization of Locksets	180,000
Laboratory Modifications	416,800
Faculty Office Upgrades – Moore Hall	200,000
Auditorium Renovations – Moore Hall	300,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Elizabeth City State University (continued)

**Improvements to roads, walks, drives, utilities
infrastructure**

2,630,000

Repave Parking Lots	200,000
Upgrade Sewage Lift Stations	150,000
Replace Constricted Water Lines	200,000
Extend Campus Perimeter Road	350,000
Construct New Parking – Fine Arts Building	325,000
Extend Campus Wall	250,000
Install New Campus Directional Signage	300,000
Construct Cross Campus Connection	250,000
Construct Sidewalks – South Campus Realignment	225,000
Replace Sidewalks – North Campus	380,000

Drainage and landscape improvements

940,000

Exterior Lighting Replacements	120,000
Resurface Running Track	350,000
Install Final Storm Drainage Detention	250,000
Culvert and Storm Drainage Replacement and Repair	220,000

Fayetteville State University

14,586,000

Roof repairs and replacements

1,442,000

Roof Repairs and Replacements – Bryant Hall, Harris Hall, Smith Hall, Telecommunications Building, Residence Hall*, School of Business and Economics, Vance Hall, Chesnutt Library, Helen Chick Building, and Lilly Gymnasium	1,442,000
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Structural repairs

560,000

Repair Spalling Concrete Walkways – Vance Hall	70,000
Repair Damaged Stair Towers and Brick – G. L. Butler Building	145,000
Repair Spalling Concrete Roof Tees – Women's Gym	70,000
Repair Spalling Walkway Connector – Bryant Hall	75,000
Exterior Brick, Masonry Repairs, and Waterproofing – Barber Building, Collins Building, and G. L. Butler Building	200,000

**non-appropriated facility – this project is listed because Section 31.5 of Session Law 2003-284 allows the Board of Governors to allocate funds to projects of this type.*

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Fayetteville State University (continued)

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	1,270,000	
Chiller Replacements – School of Business and Economics		175,000
Install Return Air System – Rosenthal Building		165,000
Install New Chiller – Collins Building and Chesnutt Library		185,000
Install New Air Handling Units – Helen Chick Building		105,000
Install New Plumbing – Bryant and Vance Halls		355,000
Remove Sinks From Student Rooms* – Smith and Joyner Halls		70,000
Install Pressure Reducing Valves – Selected Buildings		100,000
Install Water Saving Commode Valves and Shower Heads		115,000
Improvements to meet the requirements of the Americans with Disabilities Act	665,000	
Update ADA Study Based on Code Revisions		25,000
Install Elevators – Collins Building, Bryant Hall, Vance Hall, Joyner Hall, Smith Hall, Harris Hall, and Hood Hall		450,000
Modify Restrooms to Provide Accessibility		150,000
Modify Drinking Fountains		40,000
Improvements to meet fire safety needs	1,435,000	
Sprinkler System Installations – Helen Chick and Lyons Science Buildings		440,000
Replace Fire Alarms – School of Business and Economics		115,000
Install Central Monitoring System for Fire Alarms and Connect all Campus Buildings		625,000
Sprinkler Installations – 2 Residence Halls*		255,000
Improvements to existing facilities for energy efficiency	529,000	
Expand and Upgrade Energy Management System		471,000
Install Lighting Control Systems and Energy Efficient Lighting		58,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	725,000	
Removal of 10 Underground Storage Tanks		100,000
Lead Paint Abatements – Joyner, Smith, Harris, and Hood Halls		200,000
Miscellaneous Asbestos Abatements		225,000
Construct Environmentally Compliant Vehicle Wash Rack		200,000

**non-appropriated facility – this project is listed because Section 31.5 of Session Law 2003-284 allows the Board of Governors to allocate funds to projects of this type.*

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Fayetteville State University (continued)

Improvements and renovations to improve use of existing space	5,445,000	
Upgrade Interior and Exterior Signage		1,195,000
Interior Renovations – Telecommunications Building, Helen Chick Building, School of Business and Economics, G. L. Butler Building, and Facilities Maintenance Building		780,000
Renovate Vance Hall		2,575,000
Replace Interior Doors and Frames – Joyner, Smith, and Hood Halls		150,000
Interior Renovations – Joyner, Harris, Smith, and Hood Halls		575,000
Renovate Interior Space – Mitchell Building		170,000
Improvements to roads, walks, drives, utilities infrastructure	1,720,000	
Waterline Extension and Replacement		175,000
Install Back Flow Prevention		200,000
Gas Main Repairs – Replace Cathodic Protection Devices		90,000
Utility Relocations		185,000
Replace Concrete and Brick Walkways		125,000
Overlay Parking Lot K		85,000
Emergency Generators – Student Center Dining Facility and Residence Halls*		390,000
Demolish Police and Public Safety Building		30,000
Construct Road Section to Connect Library to Langdon Street		340,000
Upgrade and Replace Emergency Call Box System		100,000
Drainage and landscape improvements	795,000	
Repair Storm Drainage System		225,000
Plant Buffer Along Railroad Tracks		250,000
Upgrade and Replace Campus Irrigation System		235,000
Miscellaneous Site Improvements		85,000
North Carolina A & T State University	30,832,560	
Roof repairs and replacements	1,280,100	
Roof Replacements – Frazier, Agriculture Facility, and Price		514,680
Roof Repairs – Noble, McNair, Marteen, Moore, Piedmont Triad Cam, and Ward		765,420
Structural repairs	855,850	
Structural Repairs – Carver, Holland, and Smith		855,850

**non-appropriated facility – this project is listed because Section 31.5 of Session Law 2003-284 allows the Board of Governors to allocate funds to projects of this type.*

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina A & T State University (continued)

Repairs and renovations to meet federal and state standards	2,013,450	
Repair and Replace Items Identified on FACP Assessment		2,013,450
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	10,106,700	
Chiller Replacements and Retrofits – McNair and Sebastian		370,688
HVAC System Repairs – Campbell, Carver, and Price		3,121,806
Repair and Replace Laboratory Ventilation Equipment – Marteena and Webb		2,202,640
Plumbing Repairs and Upgrades – Bluford, Dowdy, Campbell, Carver, Frazier, Hines, Hodgins, McNair, Noble, and Webb		83,032
Electrical System Repairs and Upgrades – Price Hall Annex, Marteena, Campbell, Carver, Frazier, Hodgins, Price, and Sebastian		1,822,184
HVAC Controls and Instrumentation Upgrades		2,506,350
Improvements to meet the requirements of the Americans with Disabilities Act	785,000	
Elevator Installations – Benbow and Carver		424,100
Ramp Installations – Campus-wide		360,900
Improvements to meet fire safety needs	152,100	
Upgrade Existing Fire Detection Systems – Brown and Frazier Halls		152,100
Improvements to existing facilities for energy efficiency	5,307,700	
Window and Door Replacements – Carver, Campbell, Frazier, DeHuguley, Sockwell, 1020 Wendover, Price, Marteena, Morrow, McNair, Webb, Holt, Vanstory, and Sebastian Infirmary		2,248,900
Lighting Replacements – Campbell, Carver, Frazier, Price Hall Annex, Price, Marteena, McNair, Webb, Murphy, Dowdy, Holt, and Vanstory		2,858,800
Energy Management System Installations – Bluford, Corbett, Smith, Williams Café, Merrick, Crosby, Carver, and Dowdy		200,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	565,000	
Abate Asbestos in Facilities Constructed prior to 1980 – Campus-wide		565,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina A & T State University (continued)

Improvements and renovations to improve use of existing space	8,163,760	
Renovate Academic Classrooms – Carver, Price, Marteen, Hines, Sockwell, Webb, Price Annex, McNair, Campbell, and Frazier		6,352,500
Minor Repairs and Renovations – Campus-wide		1,811,260
Improvements to roads, walks, drives, utilities infrastructure	1,100,500	
Resurface Campus Roads – Campus-wide		450,500
Replace and Install Walks – Campus-wide		150,000
Emergency Generator Upgrades – Campus-wide		500,000
Drainage and landscape improvements	502,400	
Repair and Replace Campus Storm Drainage Systems – Hines Hall, Garrett, Graham Hall, and Corbett		502,400

North Carolina Central University **23,743,325**

Roof repairs and replacements	2,225,225	
Replace Roofs – Walker Physical Education Complex, Women's Gym, Central Heating Plant, Robinson Science, McDougald House, Miller-Morgan Building, 505-507 Cecil Street, Alexander-Dunn, Eagleson, Music, and Art Museum		1,875,225
Roof Repairs and Replacements – Various Buildings		350,000
Structural repairs	1,844,600	
Repair Exterior Walls, Waterproofing, and Lintel Repairs and Replacements – 12 Buildings		450,000
Exterior Repairs – Various Buildings		200,000
Repair Two Spalling Pedestrian Bridges		50,600
Repair and Replace Windows and Exterior Doors		544,000
Interior and Exterior Painting		600,000
Repairs and renovations to meet federal and state standards	1,446,250	
Exit and Emergency Egress Lighting		219,500
Fire Alarm Systems and Sprinklers – Physical Education Complex and Hubbard Chemistry		626,750
Code Corrections – Various Buildings (Bond Supplement)		300,000
Fire Alarm and Sprinkler Systems Repairs and Upgrades		300,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina Central University (continued)

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	2,387,200	
Electrical Meter Calibration		32,200
Building Electrical Service Improvements		1,000,000
HVAC System Replacement – Health and Infirmary Building		930,000
Replace Furnace – Central Receiving		20,000
Replace Valves, Pumps, and Mechanical Room Improvements		250,000
Repair and Install Generators – 3 Buildings		55,000
Chiller Replacements – Health Science		100,000
Improvements to meet the requirements of the Americans with Disabilities Act	1,065,000	
ADA Ramps, Elevator Modifications, and Curb Cuts		865,000
ADA Interior Improvements – Restrooms, Water Fountains, and Signage		200,000
Improvements to existing facilities for energy efficiency	1,360,000	
Expand and Upgrade Centralized Building HVAC Management System		710,000
Relamping with High Efficiency Bulbs and Electronic Ballasts		650,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	800,000	
Replace Transformers Contaminated with Toxins – 2 Buildings		50,000
Miscellaneous Asbestos Abatement		500,000
Removal of Underground Storage Tanks and Retrofit Above Ground Storage Tanks to Comply with Code		250,000
Improvements and renovations to improve use of existing space	5,159,300	
Interior Painting		500,000
Renovations – Men's Gym, McDougald House (Admissions), Human Resources, Robinson Science, and Hubbard		4,568,000
Interior Improvements and Finishes – 2 Buildings		91,300

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina Central University (continued)

Improvements to roads, walks, drives, utilities infrastructure	7,405,750	
Electrical Distribution System Upgrades Including Transformers and Cable Replacements		1,100,000
Campus Signage Repair and Replacement		45,000
Sidewalk Repairs		200,000
Security Lighting Repairs and Replacements		60,000
Resurface Roadways		300,750
Repair, Resurface, and Seal Parking Lots		200,000
Steam Distribution System Repairs and Improvements		2,500,000
Telecommunications Infrastructure and Cabling		3,000,000
Drainage and landscape improvements	50,000	
Repair and Improve Storm Drainage		50,000

North Carolina School of the Arts **13,275,798**

Roof repairs and replacements	1,799,003	
Replace Roofs – Pierce Building and Stage 2		
Reroof – Performance Place, Gray Building, Administration Annex, Grounds Shop, Residence Halls A-F *, Bailey Street Apartments*, Administration Building, Chapel Street Housing*, DFW Building, DeMille Theatre, and Film School Buildings		
Conduct Roof Survey – Campus-wide		1,799,003
Structural repairs	350,000	
Replace Sinking Floor Slabs – Residence Halls A-F *		350,000
Repairs and renovations to meet federal and state standards	75,000	
Life Safety Code Upgrades – Design and Production Building, Workplace		35,000
Exit and Egress Lighting Upgrades – Campus-wide		40,000

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**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina School of the Arts (continued)

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	1,971,500	
Replace Main Distribution Panel – Sanford Residence Hall		15,000
Replace Motor Control Centers – Commons Building		10,000
Install New Electrical Feeders – Administration Building		15,000
Replace Electrical Transformer – Commons Building		55,000
Install Additional Panels – DeMille Theatre		7,500
Install Explosion Proof Equipment – Design and Production Building		3,000
Replace Panel Boards – Residence Halls A-F *		60,000
Miscellaneous Repairs – Campus-wide		100,000
Replace Main Distribution Panel – Moore Residence Hall *		15,000
Replace Control Systems – Workplace		110,000
Upgrade HVAC – Administration Building		48,000
Install Exterior Duct Insulation		55,000
Replace Dimmer System – Performance Place		210,000
Replace HVAC Systems– Administration Annex, Workplace West, DeMille Theatre, and Performance Place		748,000
Electrical Repairs – Campus-wide		100,000
Plumbing Repairs – Moore and Sanford Residence Halls *		140,000
Replace Boilers – Gray and Workplace		280,000
Improvements to meet the requirements of the Americans with Disabilities Act	1,060,000	
Campus-wide Survey to Meet Code Revisions		35,000
Exterior and Interior ADA Projects		350,000
Add Elevators to Eight Three-Story Residence Halls *		600,000
Elevator Additions – Pierce Building and Administration Building		75,000
Improvements to meet fire safety needs	1,920,097	
Replace Flammable Ceiling Materials with Nonflammable Materials – Design and Production Building		30,000
Replace Non-Firerated Glass – Workplace		10,000
Install Fire Alarm – Props Storage		10,000
Replace Fire Alarm Systems – Administration Building, DeMille Theatre, Residence Hall A *, and Workplace West		185,000
Improve Ventilation – Paint Spray Area		16,000
Replace Fire Alarm Devices – Workplace Building		100,000
Upgrade Fire Alarm System – Gray Building		50,000

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**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina School of the Arts (continued)

Improvements to meet fire safety needs (continued)

Install Sprinkler Systems – Gray and Administration Buildings	340,000
Install Additional Sprinklers – DeMille Theatre	120,000
Install Sprinklers – Eight Residence Halls *	815,916
Complete Sprinkler System – Workplace Building	243,181

Improvements to existing facilities for energy efficiency 765,000

Replace Windows – Residence Halls A-F *, Administration, Administration Annex, and Design and Production Building, Gray Building, Workplace Building, and Performance Place	505,000
Replace Exterior Lighting – Workplace	10,000
Replace Windows – Moore and Sanford	220,000
Replace Energy Management System – Pierce Building	30,000

Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks

500,000

Remove Three Storage Tanks	75,000
Remove Abandoned Boilers – Gray Building	75,000
Miscellaneous Asbestos Remediation Projects	350,000

Improvements and renovations to improve use of existing space

3,418,565

Renovation – Pierce Building	198,165
Exterior Renovation – Design and Production Prop Storage Building	25,000
Miscellaneous Renovations – Chancellors Residence	60,000
Replace Design and Production Shop Floors	15,000
Replace Interior Doors and Locks – Moore and Sanford Residence Halls *	100,000
Replace Flooring – Gray Building	30,000
Replace Stage Flooring – DeMille Theatre	20,000
Exterior Renovation – Bailey Apartments *	60,000
Renovations – Dance Costume Shop	500,000
Replace Interior Doors and Locks – Residence Halls A-F *	50,000
Replace ID Card Door Security Readers and Latches	300,000
Renovate and Modernize Film Village – 4 Buildings	160,400
Improve and Modernize – Workplace West	1,900,000

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**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina School of the Arts (continued)

Improvements to roads, walks, drives, utilities infrastructure	816,633	
Site Lighting		75,000
Install New Hi Voltage Power System		283,633
Repave Sanford Staff Parking Lot *		38,000
Replace Sanitary Sewer Lines and Storm Water Lines		350,000
Repaving of Campus Roads		70,000
Drainage and Landscape Improvements	600,000	
Grade and Renovate New Entranceway		350,000
Site Improvements		250,000

North Carolina State University **103,350,216**

Roof repairs and replacements	2,994,700	
Roof Replacements – Phase 1 – Avent Ferry, Weaver Labs, Tomkins Hall, College of Veterinary Medicine East and West Barns, and Weed Control		688,000
Roof Replacements – Phase 2 – Magnolia, D. H. Hill North Tower, Cates Plant, Hillsborough, Weed Control, College of Veterinary Medicine Main Building, Morris, Field House, and Caldwell Hall		677,700
Roof Replacements – Phase 3 – Carmichael, Patterson, TV Station, Primrose, Agriculture Life Science, Jordan, and Gardner		1,629,000
Structural repairs	2,000,000	
Concrete Repairs, Structural Repairs, Repointing, and Caulking – Cox, Dabney, Broughton, Winston, Brooks, Caldwell, Kamphoefner, Kilgore, Peele, Jordan, Bell Tower, Research II, and Engineering Graduate Research Center		2,000,000
Repairs and renovations to meet federal and state standards	3,200,000	
Department of Insurance Safety Repairs – Campus-wide		2,000,000
Cooling Tower Discharge Repairs		200,000
Waste Transfer Station Relocation		1,000,000

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**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina State University (continued)

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	42,329,824	
Secondary Electrical Upgrades		1,500,000
Branch Circuit Electrical Upgrades		600,000
Electrical Metering Repairs and Replacements		600,000
Cooling Tower Repairs and Replacements – Grinnells, 840 Method Road, Scott, and Jordan		373,500
Chiller Replacements – Research I, Poe, Broughton, Weaver, TV Station, Research I Process Chiller, Dearstyne Isolation, Dearstyne Entomology, Textiles, and Burlington		2,100,000
HVAC Upgrades and Repairs – Phase I – College of Veterinary Medicine Fingerbarns, Peele Hall, Avent Ferry Complex, D. H. Hill, Pullen, McKimmon Center, Mycotoxin, Reproductive Physiology, and Textiles		12,350,000
HVAC Upgrades and Repairs – Phase 2 – Broughton, Grinnells, Weaver, McKimmon Addition, College of Veterinary Medicine, Landscape Shop, and Motor Pool		7,660,200
HVAC Upgrades and Repairs – Phase 3 – Morris, 3709 Hillsborough, Erdahl Cloyd, Brooks, and Dabney		7,558,244
HVAC Upgrades and Repairs – Phase 4 – Kamphoefner, Mann, Bureau of Mines, Weed Control, and Holladay		4,871,380
Campus Automation System Replacement – Campus-wide		3,576,500
Emergency Generator Replacements – Schaub, Hodges, Harris, Caldwell, D. H. Hill, Polk Hall, Broughton Hall, Bostian Hall, Cates Steam Plant, Talley Student Center, Biltmore Hall, Avent Ferry Center, and Aquatic Lab at Pylon Road		1,140,000
Improvements to meet the requirements of the Americans with Disabilities Act	1,338,000	
Cross Campus Accessible Routes – Phase 1 – Brickyard Accessibility Construction		700,000
Cross Campus Accessible Routes – Phase 2 – Bookstore Ramp		100,000
ADA Improvements – Phase 3 and 4 – Campus-wide		538,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina State University (continued)

Improvements to meet fire safety needs	4,676,548	
Sprinkler Systems – Phase 1 – Peele, Page, and Cox Halls		481,740
Sprinkler Systems – Phase 2 – College of Veterinary Medicine Buildings		1,350,000
Sprinkler Systems – Phase 3 – Hillsborough, McKimmon, and Administrative Services		708,692
Fire Alarm Upgrades – Phase 1 – Gardner, Pesticide Research Lab, and Cox		449,584
Fire Alarm Upgrades – Phase 2 – Broughton, Mann, Brooks, Caldwell, Tompkins, and TV Station		762,532
Fume Hood Repairs and Upgrades – All Laboratory Buildings		924,000
Improvements to existing facilities for energy efficiency	7,096,179	
Lighting Upgrades – Mann, Dabney, Gardner Addition, and Gardner		325,037
Window Replacements – Kilgore, Peele, Holladay, Alumni, Tompkins, Jordan, and Broughton		5,000,000
System Control and Data Acquisition Monitoring System		400,000
Upgrade HVAC Controls – Winston, Tompkins, Caldwell, Burlington, Poe, and Biltmore		871,142
High Efficiency Motor Replacements		500,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	1,475,000	
Asbestos Removal – Steam Tunnel and Manholes		600,000
Asbestos Removal – D. H. Hill West Wing, Weed Control, Broughton, Weaver, Reynolds Coliseum, and McKimmon		875,000
Improvements and renovations to improve use of existing space	16,058,965	
Painting Building Interiors		700,000
Painting Building Exteriors		300,000
Elevator Repairs and Improvements – Mann and Dabney		1,350,000
Elevator Code Upgrades – Hillsborough, Burlington, Kamphoefner, Weaver, Caldwell, Harris, and Bostian		
Classroom Improvements – Kamphoefner Renovation		1,100,000
General Classroom Improvements		3,611,540
Renovations to University Field Laboratories		1,374,250
Refurbish Interior Finishes – Various Buildings		3,000,000
Research Stations Renovations		1,085,450
Renovations Mountain Horticultural Crops Research and Extension Center (Buncombe County)		234,025

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina State University (continued)

**Improvements and renovations to improve use of
existing space (continued)**

Renovations Millstone 4-H Center, Ellerbe, NC (Richmond County)	208,150
Renovations Swannanoa 4-H Center, Swannanoa, NC (Buncombe County)	414,000
Renovations Betsy-Jeff Penn 4-H Center, Reidsville, NC (Rockingham County)	1,435,200
Renovations Sertoma 4-H Center, Westfield/Danbury NC (Stokes County)	591,100
Renovations Anita-Alta 4-H Outpost Camp, Lenoir, NC (Caldwell County)	155,250
Brick Floor Replacement – College of Veterinary Medicine	500,000

Historical restoration

75,000

Spring Hill House Improvements	50,000
Silo Restoration – College of Veterinary Medicine	25,000

**Improvements to roads, walks, drives, utilities
infrastructure**

20,869,000

College of Veterinary Medicine Electrical Power Upgrade	750,000
Primary Switches and Cable Replacement	1,085,000
Transformer and Fuse Replacement	561,000
Hot Water System Repair and Replacement	1,814,000
Steam System Repairs	1,900,000
Upgrade to Campus Storm Water System	3,000,000
Sewer Line Repairs	600,000
Domestic Water Line and Valve Replacement	1,500,000
Boiler Repairs and Upgrades – Yarbrough, Cates, Method, Dearstyne, and Research II	6,100,000
Road Repaving and Repairs – Dan Allen, Dunn, Yarbrough, Stinsen, Service, and Warren Carroll	1,614,000
Sidewalk Repairs	750,000
Swine Lagoon Replacement – College of Veterinary Medicine	200,000
Street and Walkway Lighting Upgrades	450,000
Electrical Upgrade – Sullivan Drive Site	175,000
Replace Exterior Lighting – College of Textiles	20,000
Dumpster Pads and Screening	150,000
Betsy-Jeff Penn Wastewater Treatment System	200,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina State University (continued)

Drainage and landscape improvements	1,237,000	
Foundation Waterproofing – Polk, Page, Engineering Graduate Research Center, and College of Textiles		550,000
Campus Site Improvements		284,000
Campus Irrigation Improvements		153,000
Waterproofing – College of Veterinary Medicine		250,000

The University of North Carolina at Asheville **16,423,440**

Roof repairs and replacements	723,440	
Roof Repairs and Replacements – 6 Buildings		723,440
Structural repairs	600,000	
Structural Repairs – 3 Buildings		600,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	1,800,000	
Repairs to Electrical, Plumbing and Heating, Ventilating and Air-Conditioning Systems – 14 Buildings		1,800,000
Improvements to meet the requirements of the Americans with Disabilities Act	500,000	
Improvements to Meet the Requirements of the Americans with Disabilities Act – Campus-wide		500,000
Improvements to meet fire safety needs	2,800,000	
Improvements to Meet Fire Safety Needs – 20 Buildings		2,800,000
Improvements to existing facilities for energy efficiency	1,000,000	
Improvements to Existing Facilities for Energy Efficiency – Campus-wide		1,000,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	500,000	
Improvements to Remove Asbestos, Lead Paint, and Other Contaminants, Including the Removal and Replacement of Underground Storage Tanks		500,000
Improvements and renovations to improve use of existing space	3,500,000	
Improvements and Renovations to Improve Use of Existing Space		3,500,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Asheville (continued)

Improvements to roads, walks, drives, utilities infrastructure	2,000,000	
Improvements to Roads, Walks, Drives, Utilities Infrastructure		2,000,000
Drainage and landscape improvements	3,000,000	
Drainage Improvements		3,000,000

The University of North Carolina at Chapel Hill **122,220,120**

Roof repairs and replacements	9,978,616	
Roof Replacements – Person Hall, Bynum Hall, Caldwell Hall, Howell Hall, Battle, Vance Pettigrew, Morehead Planetarium, Paul Green Theater, Old Clinic, Abernethy Hall, Davie Hall, Carr Building, 134 1/2 Franklin Street, Knapp Building, Smith Building, Morehead Addition, Van Hecke-Wettach, Bingham Hall, Chiller Plants North and South, Lineberger Cancer Research, Hill Hall, Alumni Hall, and Swain Hall		5,589,856
Replace Low Slope Built Up Roofs – Phillips Hall		354,000
Roof Repairs – Medical School Wings B, C, D, and E, Hanes Art Center, and Carroll Hall		887,000
Roof Repairs and Replacements – MacNider Hall, Aycock Family Medicine, Bynum Hall, and Davis Library		2,563,080
Roof Recoat and Repairs – Art Studio		169,600
Replace Kennel Roof and Structure – Francis Owen Blood Research		109,180
Replace Ventilation Dormers – Medical School Wings C, E, and F		121,900
Roof Replacement and Repairs – MRI Facility		184,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Chapel Hill (continued)

Structural repairs	3,686,478	
Building Envelope Repairs – Person Hall, New East, New West, Carr Building, Alumni Hall, Bynum Hall, Howell Hall, Hill Hall, Caldwell Hall, Battle, Vance, Pettigrew Hall, Phillips Hall, and Wilson Library		2,783,178
Perimeter Drain and Foundation Waterproofing System – Smith Building		58,300
Re-caulk Vertical and Horizontal Joints – Davis Library		250,000
Three-Year Recurring Structural Inspections		150,000
Sundial Structural Repairs – Morehead Planetarium		100,000
Limestone and Sandstone Foundation and Window Sill Replacement and Repairs – New East		175,000
Waterproofing System around Exterior Wall and Patio – Phillips Hall and Alumni Center		150,000
Repair Glass Wall Units on Each End of the Building – Friday Center		20,000
Repairs and renovations to meet federal and state standards	2,500,000	
Improvement to Health Affair Buildings Security Systems		2,500,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	55,035,246	
Provide Central HVAC Systems – Hickerson House, Old Clinic, Gardner Hall, Miller Hall, Nash Hall, and 210 Pittsboro Street		6,111,960
Replace HVAC Systems – Frank Porter Graham Child Development Center, Brinkhous-Bullitt, Dey Hall, Dental Research, Art Lab, and Morehead Planetarium		16,085,480
Renovate Restrooms and Replace Plumbing – Nash Hall, Miller Hall, and Carmichael Auditorium		948,700
Ceiling and Lighting System Replacements – Frank Porter Graham Child Development Center, Kenan Laboratories, Old Clinic, Paul Green Theater, MacNider Hall, Gardner Hall, Dey Hall, Dental Research, Brinkhous-Bullitt, Molecular Biology Research-Glaxo Building, 210 Pittsboro Street, Nash Hall, Morehead Planetarium, and Miller Hall		5,591,690
Replace Chiller, Provide Variable Frequency Drives, Testing, and Balancing – Aycock Family Medicine		477,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Chapel Hill (continued)

**Repairs to electrical, plumbing and heating, ventilating,
and air-conditioning systems (continued)**

Isolation Valving, Air Compressors, and Vacuum Pumps – Mary Ellen Jones	203,520
Replace Lighting – Fordham Hall	236,592
Install Emergency Electrical Panels – McGavran-Greenberg	138,012
Emergency Generator Projects – Lineberger, MacNider, and Molecular Biology Research-Glaxo Building	306,340
HVAC Replacement – Jackson Hall	300,000
HVAC Upgrade for Computing Center – Phillips Hall	202,000
Lab Ventilation Rehabs – Mary Ellen Jones, Taylor Hall, Lineberger Cancer Center, and Thurston Bowles	850,000
HVAC and Electrical and Plumbing Renovations – Medical School Wing B, C, D, and E (Design Only)	450,000
Air Handling Unit Modifications – Tate Turner Kuralt Building	236,592
HVAC Repairs – Woolen Gym	954,444
Replace Variable Air Volume Reheat Boxes – Davis Library	4,505,000
Replace Women's Basketball Team Lounge and Locker HVAC System – Carmichael Auditorium	178,080
Replace Main Switch Gear – Carmichael Auditorium	175,536
Repair and Balance HVAC System – Hanes Art Center	95,000
Replace Vacuum Pumps – Thurston-Bowles	74,200
Upgrade and Install Several Additional Panels – Brinkhous-Bullitt	68,900
Replace Air Handling Units, Testing, and Balancing – Friday Center	951,456
Replace HVAC Air Handling Units and Provide Variable Air Volume-Reheat Boxes – MacNider Hall	3,650,000
Air Handling Unit Modifications – Lineberger and Wilson Library	1,510,600
Replace Air Compressors – Lineberger	150,000
Heating Hot Water Filters, Testing, and Balancing – Hill Alumni and Kenan Centers	174,900
Gas-Fired Preheaters, Humidifiers – Wastewater Research	79,500
HVAC Modifications – Kenan Laboratories	2,116,820
Air Handling Unit Modifications – Thurston-Bowles	830,000
HVAC Electrical System Replacement – Coates Building (Design Only)	40,000
Backflow Preventers – Campus-wide	985,800
Plumbing Improvements and Heater – Lineberger	206,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Chapel Hill (continued)

**Repairs to electrical, plumbing and heating, ventilating,
and air-conditioning systems (continued)**

Replace Main Service Switchgear and Emergency Generator – MacNider Hall	275,000
Replace Main Switchgear and Branch Circuit Wiring – Dey Hall	524,700
Upgrade Branch Circuit Wiring, Panels, and Switchgear – Dental Research	616,920
HVAC Improvements – Supplement to Morehead Laboratories and Taylor Student Health Services	520,000
Replace Original Branch Circuit Wiring – Gardner Hall	183,380
Return Piping Replacement – Carrington Hall	750,000
Upgrade of Electrical Service, Branch Circuit Wiring, and Panels – Morehead Planetarium	375,240
Plumbing Improvements, Backflow Preventer, and Isolation Valving – Carrington Hall	53,000
Plumbing Improvements, Isolation Valving, Air Compressor, Booster Pump – Kenan Laboratories	121,900
Plumbing Improvements, Vacuum Pumps, Water Heater, Floor Drains – MacNider Hall	145,220
Replace Original Branch Circuit Wiring and Devices – Carmichael Auditorium	318,000
Replace Main Electrical Breaker in Switchgear – Kenan Laboratories	170,660
HVAC Replacement and Improvements – Paul Green Theater	538,904
Replace HVAC and Exhaust Systems – Molecular Biology Research-Glaxo Building	1,558,200

**Improvements to meet the requirements of the Americans with
Disabilities Act**

	5,000,000	
Continuation of Campus-wide Program		5,000,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Chapel Hill (continued)

Improvements to meet fire safety needs	6,751,520	
Fire Lane Access Improvements		200,000
Fire Alarm Systems Addition – Brinkhous-Bullitt, Carmichael Auditorium, Coats Building, Hickerson House, Medical Research-A, Nash Hall, Playmaker, Woolen Gym, Surplus Property Warehouse, Giles Horney Annex, Electrical Distribution Center, and Smith Building		1,051,520
Miscellaneous Fire Safety Improvements – Bingham, Brinkhous-Bullitt, Bynum, Carmichael Auditorium, Coates, Dental Research, Evergreen, Frank Porter Graham Child Development Center, Gardner, Jackson, MacNider, Medical School #52, Paul Green Theater, and Person Hall		500,000
Sprinkler Systems – 20 Buildings		5,000,000
Improvements to existing facilities for energy efficiency	4,523,260	
Window Replacements – Howell Hall, MacNider Hall, Gardner Hall, Bingham Hall, Carroll, Wilson Library, Davie Hall North, Old Carroll Hall, Frank Porter Graham Child Development Center, Dey Hall, Alumni Hall, Swain Hall, Caldwell Hall, and Hanes Hall		4,523,260
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	3,500,000	
Improvements to Remove Asbestos, Lead Paint, and Other Contaminants, Including the Removal and Replacement of Underground Storage Tanks		3,500,000
Improvements and renovations to improve use of existing space	445,000	
Re-key Interior Doors – Alumni Hall, Ambulatory Care Center, Carolina Living and Learning, Morehead Labs, Wilson Library, Medical School Wings A-F, Horney Building, Mary Ellen Jones, and MacGaverrn Greenberg		220,000
Replace Motor Driven Blackboards in Rooms 141, 142, and 143 – Carroll Hall		25,000
Replace Carpet on the First, Second Floors, and Elevator Cabs – Davis Library		200,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Chapel Hill (continued)

Historical restoration	30,500,000	
Historical Restoration – Carr Building		6,000,000
Historical Restoration – Howell Hall		6,000,000
Historical Restoration – Battle, Vance, and Pettigrew Halls		6,000,000
Historical Restoration – Smith Building		6,500,000
Historical Restoration – Bynum Hall		6,000,000
Improvements to roads, walks, drives, utilities infrastructure	300,000	
Replace and Repair Brick Walks – Academic Affairs Campus		150,000
Replace and Repair Brick Walks – Health Affairs Campus		150,000

The University of North Carolina at Charlotte

26,088,480

Roof repairs and replacements	2,576,714	
Roof Repairs – Phase I – Athletic Storage, Atkins, Barnard, and Belk Gym		581,846
Roof Repairs – Phase 2 – Brocker Health, Cameron Applied Research Center, and Dalton Tower		318,571
Roof Repairs – Phase 3 – Denny, Garinger, Kennedy, King, and Macy		371,195
Roof Repairs – Phase 4 – McMillian, Physical Plant, Steam Plant, and Burson		434,132
Roof Repairs – Phase 5 – Rowe, Smith, Solvent Storage, Storrs, and Winningham		870,970
Structural repairs	42,000	
Repair Exterior Walls – Macy, Denny, Garinger, Winningham, King, and Smith		34,000
Repair Masonry Stack – Central Boiler Plant and Stack		5,000
Repair Floor Slab – Belk Gym		3,000
Repairs and renovations to meet federal and state standards	288,000	
Replace Underground High Voltage Oil Switches		288,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Charlotte (continued)

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	12,131,266
Replace Boiler, Steam Coils, and Relocate Cooling Tower – Burson	295,000
Replace Hot Water Piping – Garinger, Denny, Macy, Barnard, and Winningham	200,000
Air Handler Replacements – Phase 3 – Barnard, Denny, and Garinger	2,100,000
Air Handler Replacement – Phase 4 – Kennedy	1,250,000
Air Handler Replacement – Phase 5 – Smith	1,500,000
Air Handler Replacements – Phase 6 – Colvard, Reese, Friday, Burson, and Storrs	1,600,000
Chiller Replacements – Phase 6 – Cameron Metrology, Burson, Friday, and Storrs	1,500,000
HVAC Upgrade – Phase 1 – Dalton Tower	500,000
HVAC Upgrade – Phase 2 – Atkins Computer Room	250,000
HVAC Upgrade – Phase 3 – Belk Gym	2,500,000
Pool Lighting System Retrofit – Belk Gym	139,766
Relocate Electrical Manhole – Fretwell	175,000
Replace Underground Power Distribution Cables	121,500
Improvements to meet the requirements of the Americans with Disabilities Act	740,000
Eliminate Barriers at Walkways, Curbs, Ramps, and Parking Lots – Campus-wide	100,000
ADA Building Improvements – Phase I – Kennedy, McEniry, Atkins Annex, and Barnard	320,000
ADA Building Improvements – Phase 2 – Winningham, Denny, Belk Gym, and King	320,000
Improvements to meet fire safety needs	805,445
Emergency Phones Installation – 15 Locations	75,000
Life Safety Code Corrections – Winningham and Reese	145,445
Retrofit Fire Alarm Systems to Addressable Systems – Colvard, Burson, and Reese	585,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Charlotte (continued)

Improvements to existing facilities for energy efficiency	1,926,555	
Utility Monitoring and Reporting Systems – Water, Steam, and Electrical – 25 Buildings		750,000
Utility Systems Efficiency Evaluation – Water, Steam, Gas, and Electrical		150,000
Window Replacements – Phase I – Garinger, Denny, Macy, Barnard, and Winningham		471,000
Window Replacements – Phase 2 – Kennedy, King, and Atkins Annex North		300,000
Window Replacements – Phase 3 – Atkins and Smith		255,555
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	174,000	
Remove Asbestos – Phase I – Kennedy, McEniry, Atkins Annex, and Barnard		72,000
Remove Asbestos – Phase 2 – Winningham, Denny, Belk Gym, and King		72,000
Remove Three Closed Underground Storage Tanks		30,000
Improvements and renovations to improve use of existing space	809,000	
Replace Ceilings – Denny, Winningham, and King		209,000
Renovate Classrooms and Academic Space – Denny, Macy, Kennedy, and Colvard		600,000
Improvements to roads, walks, drives, utilities infrastructure	5,560,500	
Domestic Hot Water System Installation – Colvard		10,500
Steam System Repairs – Phase 3		1,800,000
Steam System Repairs – Phase 4		1,800,000
Steam System Repairs – Phase 5		1,400,000
Roadway Repair – Craver Road		300,000
Roadway Repair – Mary Alexander Road		200,000
Roadway Repair – Toby Creek Road		50,000
Drainage and landscape improvements	1,035,000	
Friday Student Activity Center Walkway Construction – Phase 2		375,000
Atkins Quad Improvements		550,000
Sidewalk Construction – Cameron Boulevard Extension		30,000
Irrigation and Site Improvements – Cameron Boulevard Extension		80,000

The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002

The University of North Carolina at Greensboro	48,471,720	
Roof repairs and replacements	9,025,500	
Roof Replacements – Warehouse, North Drive Childcare, Mclver, Eberhart, Ferguson, Sink, Grounds Maintenance, Health and Human Performance Building, Cone Art, Library, Campus Supply, Financial Aid, and 915 Northridge Steam Plant		3,869,500
Roof Repairs – Bryan, Health and Human Performance Building, Carmichael, and Jackson		975,000
Waterproofing – Curry and Rosenthal		2,311,000
Walkway Repairs – Elliott University Center and Faculty Center		520,000
Roof Repairs and Re-sealing – Library		500,000
Roof Membrane Repairs		850,000
Structural repairs	1,090,000	
Wall Repairs – Eberhart		250,000
Retaining Walls at Ferguson – Highland and Spring Garden Street		100,000
Manhole Repair		100,000
Construct Two Pedestrian Bridges		120,000
Structural Repairs		400,000
Brick Monitoring – Business and Economics Building		60,000
Pedestrian Bridge Inspection		60,000
Repairs and renovations to meet federal and state standards	2,200,000	
Code Compliance Study – 1100 West Market Street Building		350,000
Storm Water Retention Pond		750,000
Resolution of Code Issues		600,000
Playground Renewal – North Drive, Mclver, and Curry		300,000
Storm Water Drainage Repair – Dining Hall Loading Dock		200,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	7,811,000	
High Efficiency Single Phase Power Protection		100,000
Chiller Purge Units		20,000
Transformer Replacement – Aycock Auditorium		200,000
HVAC Equipment Replacements – Graham, Moore Nursing, Library, Business and Economics Building, and Mossman		4,500,000
Elevator Repairs – Moore, 1100 W. Market, Taylor, and Library		891,000
Cooling Towers Replacements – 5 Units		200,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Greensboro (continued)

**Repairs to electrical, plumbing and heating, ventilating,
and air-conditioning systems (continued)**

Elevator Refurbishment	600,000
New Elevator – Foust Building	500,000
Computer Room HVAC Repair – Business and Economics Building	100,000
Chiller Replacement – Business and Economics Building	700,000

**Improvements to meet the requirements of the Americans
with Disabilities Act**

2,519,655

Projects from Campus ADA Study	2,019,655
Faculty Center and Alumni House Access	500,000

Improvements to meet fire safety needs

6,449,000

Fire Alarm Replacements – 37 Buildings	4,649,000
Sprinkler System Installations and Upgrades	1,800,000

Improvements to existing facilities for energy efficiency

2,817,921

Replace Obsolete Controls Systems	600,000
Centralization of Building Controls	467,921
Internal Building Steam Repairs	75,000
Digital Controls – Moore	165,000
Window Replacements – 6 Buildings	1,510,000

**Improvements to remove asbestos, lead paint, and other
contaminants, including the removal and replacement of
underground storage tanks**

450,000

Asbestos Abatement	450,000
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**Improvements and renovations to improve use of
existing space**

5,300,920

General Classroom Renovation	3,000,000
Building Rekeying	300,000
Building Painting and Signage	1,000,000
Carpet Replacements	500,920
Miscellaneous Renovation Projects	500,000

Historical restoration

1,615,724

Historical Restoration – 1892 Foust Building	1,615,724
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**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Greensboro (continued)

Improvements to roads, walks, drives, utilities infrastructure	8,242,000	
Public Lighting Upgrade		650,000
Steam Distribution System Replacements – 10 Projects		4,200,000
Street Repairs		725,000
Storm Water System Repairs		920,000
Sanitary Sewer Repairs		575,000
Sidewalks and High Rise Stair Replacements		250,000
Sidewalk Replacements – Ragsdale and Mendenhall		200,000
Master Meter and Backflow Preventer Required by City of Greensboro		500,000
Sidewalk Repairs – Stone and Graham		120,000
Repair Brick and Stone Retaining Walls – Walker Deck, Health and Human Performance Building, Graham, and Ferguson		65,000
Repair Service Drive – Quad		37,000
Drainage and landscape improvements	950,000	
North Practice Field Drainage		500,000
Tree Removal and Replacement		300,000
Bench Repair and Replacement		150,000

The University of North Carolina at Pembroke **15,370,100**

Roof repairs and replacements	700,000	
Roof Repairs and Replacements – Chavis Center, Belk, North, West, Wellons, and Jacobs Halls		700,000
Structural repairs	200,000	
Miscellaneous Structural Repairs – Locklear, Jones Athletic Complex, West, Chavis Student Center, Jacobs, Wellons, and Business Administration		200,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	5,510,000	
HVAC Renovations – Infirmary, Wellons, North, Belk, Library, University Center, Education Building, Old Main, and GPAC		5,130,000
Secondary Electric Improvements – Belk, North, and Wellons		200,000
Plumbing Improvements – Belk, North, and Jones		80,000
Chiller Replacement – Dial		100,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Pembroke (continued)

Improvements to meet the requirements of the Americans with Disabilities Act	920,000	
ADA Improvements – Campus-wide		920,000
Improvements to meet fire safety needs	1,290,400	
Install Sprinklers – Residence Halls, Lowery, and Old Main		950,000
Install Fire Alarm Systems and Egress Lighting – Chavis Center, D. F. Lowry, and Jacobs		125,000
Emergency Generator Installation		215,400
Improvements to existing facilities for energy efficiency	759,000	
Window Replacements and Repairs – Oxendine Building, Moore, North, Belk, D. F. Lowry, Old Main, and Business Administration		759,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	300,000	
Asbestos Abatement – Campus-wide		300,000
Improvements and renovations to improve use of existing space	2,245,000	
Interior Renovations – Old Main, Dial, Lumbee, Jacobs, Student Center, Givens Performing Arts Center, Education Building, Jones Athletic Complex, Fieldhouse, and Chancellors Residence		2,245,000
Improvements to roads, walks, drives, utilities infrastructure	945,700	
Install Natural Gas Pipeline to Remaining Buildings		200,000
Parking Lot and Roadway Repairs		184,000
Main Campus Entrance Renovation		561,700
Drainage and landscape improvements	2,500,000	
Improve Campus Storm Drainage		2,000,000
Campus Irrigation Improvements and Renovations		500,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Wilmington	19,244,280	
Roof repairs and replacements	1,011,000	
Repair Shingles, Slate, Valley Flashing, Hip, and Ridges – Several Buildings		80,000
Roof Repairs and Replacements – Friday, Hanover, Hinton James, Kenan Auditorium, Social and Behavioral Science Building, and Kenan		681,000
Replace Main Roof Membrane – Randall Library		250,000
Structural repairs	833,590	
Facilities Repainting		335,500
Miscellaneous Structural Repairs		150,000
Door Replacement		151,090
Exterior Renovation – Kenan House		75,000
Masonry Wall Repair – Kenan House		22,000
Structural Repair – Natatorium		100,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	2,979,000	
Replace Electrical Panels – Several Buildings		50,000
Upgrade Building Controls		465,000
Replace HVAC System and Connect Controls – Physical Plant		95,000
Install Air Conditioning – Hanover Hall		500,000
Upgrade Building Electrical Systems – Hanover Hall		150,000
Replace HVAC Fan Coils – Kenan House		125,000
Mechanical Room and Equipment Renovation – Kenan House		110,000
Replace Chiller – Randall Library		540,000
Upgrade Electrical Systems and Nine Panels – Trask Coliseum		450,000
Replace Air Handlers – Several Buildings		494,000
Improvements to meet the requirements of the Americans with Disabilities Act	1,115,000	
ADA Improvements to Meet New Code Requirements		605,000
Electronic Access System		510,000
Improvements to meet fire safety needs	3,264,684	
Install Sprinkler Systems – Cameron, Bear, Deloach, Trask, Randall, and Kenan Hall		2,111,384
Install Fire Alarm Systems – 8 Buildings		810,300
Life Safety Code Corrections		343,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The University of North Carolina at Wilmington (continued)

Improvements to existing facilities for energy efficiency	1,545,495	
Install Energy Management System		1,545,495
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	1,000,000	
Replace Asbestos Ceilings in Buildings		100,000
Remove Underground Storage Tanks		400,000
Removal of Lead Paint		500,000
Improvements and renovations to improve use of existing space	1,226,750	
Refurbish Common Area Finishes		112,750
Paint Common Areas		99,000
Replace Auditorium Seating		91,000
Construct Storage Area – Earth Sciences		20,000
Interior Renovation – Kenan House		250,000
Renovate Kenan House Garage Apartment		30,000
Renovation of Research Space		39,000
Separate Animal Lab From Remainder of the Building – Social and Behavioral Science Building		210,000
Carpet Replacement		300,000
Upgrade Elevators – Academic Building		75,000
Improvements to roads, walks, drives, utilities infrastructure	5,136,380	
Increase Capacity of Sanitary Sewage Lift Station – Center for Marine Science		150,000
Install Electrical Phase Protection on all Major Buildings		98,000
Pavement Repairs – Potholes, Cracks, and ADA Issues		300,000
Upgrade Plumbing Infrastructure to Meet Code		100,000
Complete Natural Gas Distribution Loop		388,380
Road Renovation – Reigel Road		100,000
Relocation of Electric Substation		950,000
Repaint Light Poles		50,000
Replacement of Underground Line Switches and Extension to Buildings		3,000,000
Drainage and landscape improvements	1,132,381	
Storm Drainage Improvements		464,500
Two 15-Acre Detention Ponds		369,241
Repair Existing Storm Drainage		298,640

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Western Carolina University	26,553,240	
Roof repairs and replacements	2,904,400	
Roof Repairs and Replacements – Stillwell Building, Moore Building, Killian Building, Hunter Library Addition, Camp Laboratory School and Industrial Arts Buildings, and Breese Gymnasium		2,904,400
Structural repairs	1,494,500	
Exterior Wall Repair – Hunter Library		1,359,500
Walls and Elevated Walkways – Killian Building, Clinic Annex, Forsyth Building, Grounds Maintenance Building, Belk Building, Jordan-Phillips Field House, Moore Building, and Old Student Union		
Bridge Replacement – Picnic Area and Ramsey Athletic Center Creek Lot		135,000
Repairs and renovations to meet federal and state standards	1,068,100	
Correct OSHA Deficiencies, Phase III and IV		543,100
Exterior Lighting Improvements		525,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	1,520,000	
Steam Plant Boiler Replacement		924,000
Replace Electric Boiler – Ramsey Activity Center		291,000
Replace Oil-Fired Boiler – Jordan-Phillips Field House and Camp Lab		55,000
Miscellaneous HVAC, Steam, and Electrical Repairs		250,000
Improvements to meet the requirements of the Americans with Disabilities Act	750,600	
Continuation of Campus-wide Program		750,600
Improvements to meet fire safety needs	3,370,100	
Fire Safety Renovations – Hunter Library		480,900
Install Sprinkler Systems – Belk, H. F. Robinson, Reid, Water Plant, Buchanan, Reynolds, Helder, and Leatherwood Residence Halls*		2,639,200
Correct Fire Safety Deficiencies		250,000
Improvements to existing facilities for energy efficiency	3,474,300	
Window Replacement – Belk Building		961,800
Automated Energy Management and Control System, Phases II – V		1,450,000
Facility Lighting Improvements – Hunter Library		787,500
Electronic Ballast Replacement		275,000

**non-appropriated facility – this project is listed because Section 31.5 of Session Law 2003-284 allows the Board of Governors to allocate funds to projects of this type.*

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Western Carolina University (continued)

**Improvements to remove asbestos, lead paint, and other
contaminants, including the removal and replacement of
underground storage tanks**

686,300

Underground Storage Tank Removal – Camp Lab and Jordan-Phillips Field House	375,000
Sand Blast and Paint Elevated Water Tank	161,300
Asbestos Abatement Program – Campus-wide	150,000

**Improvements and renovations to improve use of
existing space**

4,988,290

Second Floor Renovation – H. F. Robinson	388,800
Card Access and Hardware Renovation – 14 Buildings	719,700
Art Department Renovation – Belk Building	1,112,500
Renovate Space for Expanded Western Carolina University Programs in Asheville	900,000
Various Minor Building Renovation Projects	1,867,290

**Improvements to roads, walks, drives, utilities
infrastructure**

5,416,650

Pavement Repair – Catamount and Picnic Access Drives	151,500
Pavement Repair, Curbs, Gutters, and Sidewalks – University Way	350,000
Roads, Walks, and Drives – Miscellaneous Requirements	750,000
Install Sidewalk – University Way to Ramsey Center and Buzzard's Roost to Hunter Library	297,300
Water Plant Improvements	828,800
Replace Water Line to Greenhouse	125,000
Replace Undersized Water Mains and Non-Functioning Valves	748,300
Replace Steam Distribution System – Dodson to Scott	1,121,250
Electric Substation Improvements	57,000
Replace Circuit #4, Substation to Ramsey Activity Center	177,500
Replace Overhead Electric Distribution with Underground	810,000

Drainage and landscape improvements

880,000

Site Improvements and Irrigation Systems – Labor Force Development Center, Fine and Performing Arts Center, Hinds University Center, McKee, Bird, and Camp Lab	630,000
Miscellaneous Drainage and Tree Replacement Projects	250,000

The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002

Winston-Salem State University	15,306,720	
Roof repairs and replacements	624,500	
Roof Repairs and Replacements – Whitaker Gym, Eller Hall, Heating Plant, Atkins Residence Hall, Hill Hall, and Hauser Union		624,500
Structural repairs	1,354,630	
Building Waterproofing and Window Replacement – F. L. Atkins Building		30,000
Renovations to Central Stairs and Window Replacement – Blair Hall		101,000
Structural Study – F. L. Atkins Building		15,000
Window Repairs and Replacements – Dillard Hall, Hauser Union, and Hall-Patterson		334,530
Window and Exterior Door Replacement – C. E. Gaines Complex		55,000
Exterior Door Replacement – Dillard Hall		18,000
Pool, Bleachers Renovations, and Exterior Wall Repairs – C. E. Gaines Complex		249,800
Brick Repair and Exterior Door Replacements – Coltrane Hall		26,500
Exterior Door and Window Replacement – Eller Hall		83,800
Window Replacement and Exterior Door Repairs – Fine Arts Building		129,500
Window Replacement, Exterior Stair, and Door Repairs – Moore Hall		104,000
Window Replacement – Heating Plant		25,000
Repair Exterior Walls – Old President's Residence		18,000
Exterior Wall Repairs – Atkins and Moore Halls		150,000
Window Repairs, Pressure Wash Concrete Facade		14,500
Repairs and renovations to meet federal and state standards	125,000	
Cooling Towers and Heating Plant Discharge Re-Piping to Sanitary Sewer		50,000
Back Flow Preventers Installation		75,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Winston-Salem State University (continued)

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	2,240,000	
Replace HVAC Systems – Blair Administration Building and Fine Arts Building		525,000
Replace Roof Vents and Heaters, Replace Air-Conditioning System in Classrooms, Replace Old Panel Boards, and Replace Exterior Light Fixtures – C. E. Gaines Complex		
Replace Water Softener and Feed Water Pump to Heating Plant		50,000
Building Controls Upgrades		200,000
HVAC Repairs		
Secondary Electrical Upgrades – Coltrane Hall		50,000
Replace Old Panel Boards – Fine Arts Building		25,000
Replace Old Panel Boards, Chiller, and Control System Repairs – Hauser Union		300,000
Install Emergency Generator, Install Exhaust Roof Fan, Replace Main Gate Valve, and Provide HVAC System – Heating Plant		150,000
Air Conditioning Installation – Old Maintenance Building		55,000
Replace Bathroom Exhaust Fans – Brown Hall		25,000
Upgrade Air Distribution System and Controls – Physical Plant Building		50,000
Replace Chiller and Cooling Tower – K. R. Williams Auditorium and Hall-Patterson		550,000
Replace Cooling Tower – F. L. Atkins Building and R. J. Reynolds Building		60,000
Install HVAC System and Replace Heating System – Eller Hall		200,000
Improvements to meet the requirements of the Americans with Disabilities Act	880,000	
Elevator Installation and Replacements		700,000
ADA Condition Study		30,000
ADA Interior Signage Installation		150,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Winston-Salem State University (continued)

Improvements to meet fire safety needs	1,248,000	
Install Fire Detection and Protection – Blair Administration Building, Heating Plant, Coltrane Building, Eller Hall, Hall-Patterson Building, and Physical Plant		350,000
Department of Insurance Inspection Repairs		300,000
FCAP Life Safety Repairs		103,000
Renovate Stair for Fire Code Compliance – Blair Hall		25,000
Replace Non-Fire-Rated Partitions – Heating Plant		50,000
Install Exhaust System – Physical Plant Building		250,000
Connect Food Service Preparation Area to Emergency Generator – Thompson Center		150,000
Emergency Egress Lighting – Williams Auditorium		20,000
Improvements to existing facilities for energy efficiency	300,000	
Installation of Energy Efficient Lighting		300,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	50,000	
Removal and Replacement of Asbestos Tile in Four Classrooms – Fine Arts Building		50,000
Improvements and renovations to improve use of existing space	2,198,000	
Renovate Toilet Areas, Provide Back-Up Gas Heater for Pool, Painting Exterior Soffits, and Renovate Locker Rooms – C. E. Gaines Complex		314,000
Renovate Football Locker Rooms		250,000
Classroom Improvements		550,000
Painting – Interior Buildings		200,000
Replace Ceiling in Staff Development Area – Eller Hall		200,000
Renovations – Security Office		100,000
Repair and Resurface Track		284,000
Improve Drainage – Football Field		
Floor Replacement – Includes Abatement – Moore Hall and Dillard Hall		180,000
Interior Renovations – Fine Arts Building		100,000
Replace Auto Lift – Maintenance Building		20,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

Winston-Salem State University (continued)

Improvements to roads, walks, drives, utilities infrastructure	5,421,590	
Primary Electrical Distribution Equipment Replacement and Repairs		700,000
Storm and Sewer Distribution Lines Repair		250,000
Install Second Chiller in Central Chiller Plant		1,650,000
Sidewalk Repairs		200,000
Parking Lot Pavement Repair*		400,000
Roadway Repairs		700,000
Repairs to Exterior Steps and Handrails		100,000
Installation of Additional Street Lighting		156,590
Steam Distribution Piping Repairs		750,000
Stabilization of Railroad Embankment		100,000
Installation of Fencing Around Main Distribution Switch Gear		15,000
Replace Underground Primary Distribution Cable		400,000
Drainage and landscape improvements	865,000	
Campus Gateway Improvements		350,000
Re-Grade for Site Drainage – Williams Auditorium		15,000
Replace Exterior Signage – Campus-wide		250,000
Site Improvements – Campus-wide		250,000
UNC Center for Public Television	5,100,000	
Roof repairs and replacements	1,175,000	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	1,050,000	
Improvements to meet fire safety needs	425,000	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	400,000	
Improvements and renovations to improve use of existing space	1,650,000	
Improvements to roads, walks, drives, utilities infrastructure	400,000	

**non-appropriated facility – this project is listed because Section 31.5 of Session Law 2003-284 allows the Board of Governors to allocate funds to projects of this type.*

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

The North Carolina Arboretum	1,966,000	
Roof repairs and replacements	80,000	
Greenhouse Glazing Replacements and Resealing		80,000
Structural repairs	40,000	
Repairs to Support Facility		40,000
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	150,000	
HVAC Zoning Modifications – Visitor Education Center		100,000
Air Condition Support Facility		50,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	75,000	
Construct Catchment and Treatment for Nutrient-Rich Greenhouse Runoff and Other Contaminants		75,000
Improvements to existing facilities for energy efficiency	25,000	
Pre-heat Water at Support Facility		25,000
Improvements and renovations to improve use of existing space	678,000	
Renovate Visitor Education Center Basement to Classroom Space		56,000
Exterior Repainting of Support Facility, Pump Houses, Visitor Education Center, and Core Garden Structures		50,000
Improvements and renovations to improve use of existing space (continued)		
Renovation of Educational Interpretation Infrastructure at Key Public Buildings and Outdoor Exhibits		272,000
Complete the Renovation of the Heritage Garden		108,000
Upgrade and Repair Communications System		192,000
Improvements to roads, walks, drives, utilities infrastructure	625,000	
Natural Garden Trail Upgrades and Repair		240,000
Trail Signage and Interpretive Structural Repairs and Enhancements		80,000
Upgrade Sewer Line		150,000
Repair to Water Features		20,000
Repair and Upgrade Irrigation System – Main Gardens		135,000
Drainage and landscape improvements	293,000	
Replacement, Renovation, and Enhancement for Permanent Collections		180,000
Build and Repair Retaining Walls on Gardens, Trails, and Roadways		113,000

The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002

North Carolina School of Science and Mathematics	23,978,100	
Roof repairs and replacements	2,653,000	
Roof Repairs and Replacements – Hill House, Bryan, and Gym		1,657,500
Clay Tile Roofs and Gutter Repairs		786,500
Ice Guards for Clay Tile Roofs		209,000
Structural repairs	1,510,000	
Repair Exterior Walls on Campus Buildings		750,000
Replace Exterior Walls – Hunt		660,000
De-Watering Pumps and Waterproofing – Watts		100,000
Repairs and renovations to meet federal and state standards	222,600	
Chemical Storage Room Repairs		55,000
Kitchen Cooler Replacements		167,600
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	5,602,100	
Ventilation Exhaust – Biology and Chemistry		220,000
Electrical Repairs		1,750,000
Chiller Replacements – Hunt and Bryan		1,333,800
Cooling Tower Replacement		290,400
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems (continued)		
Hot Water Heaters Replacement – Bryan		82,500
Upgrade HVAC Controls		698,500
Kitchen Equipment Stoves and Steam Lines		236,500
HVAC Upgrade – Maintenance Building		75,000
Pump Replacements		302,500
Plumbing Fixture and Line Replacements		200,000
System Repairs – Cottage		75,000
Ventilation Repairs – Watts and Hill		165,000
Emergency Electrical Connections to Generators		110,000
Emergency Generator and Panel Repair – Boiler Plant		62,900
Improvements to meet fire safety needs	2,431,000	
Install Sprinklers – Hunt Residence Hall, Bryan and Watts		
Non-Residential Areas, Maintenance Building, Gym		2,431,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	462,000	
Asbestos and Lead Paint Abatement Throughout Campus		462,000
Improvements to existing facilities for energy efficiency	832,200	
Computerized Energy Management System		700,200
Energy Efficient Lighting Replacements		132,000

**The University of North Carolina
Requests to the Board of Governors from Constituent Institutions
and Affiliates for Repair and Renovations
Fall, 2002**

North Carolina School of Science and Mathematics (continued)

**Improvements and renovations to improve use of
existing space**

8,526,200

Replace Doors, Closures, and Hardware	1,980,000
Replace Flooring	660,000
Renovate Academic Areas	5,435,200
Replace Insulation Glass and Frames	451,000

**Improvements to roads, walks, drives, utilities
infrastructure**

1,739,000

Parking Lot and Driveway Repairs	110,000
Water Line Repairs	350,000
Data and Telephone Lines to Physical Education Complex	66,000
Steam Line Infrastructure Repairs	220,000
Boiler Equipment Replacement – Boiler Plant	528,000
Repair Smokestacks	40,000
Electrical System Upgrades	425,000

GRAND TOTAL

604,082,899