

Report on the 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 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 condition of the University's capital facilities and the repair, renovation, and maintenance projects being undertaken and proposed.

Senate Bill 912 further required that the Board of Governors report annually to the Joint Legislative Commission on Governmental Operations on the bond program.

The attached report meets these legislative requirements.

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.

THE UNIVERSITY OF NORTH CAROLINA
Report on the 2000 Higher Education Bond Program
Joint Legislative Commission on Governmental Operations
and
Joint Legislative Education Oversight Committee
September 2006

The Higher Education Facilities Financing Act bond program has entered into its sixth year and the constructed facilities are providing significant benefits to the students of the University of North Carolina and to the State. While providing more than 88,000 jobs, the program is ensuring that high quality resources, particularly in science and technology facilities, are available to students and researchers as North Carolina transitions from a manufacturing-based economy to one that is more knowledge-based and able to compete in the global environment.

Over the last year, the campuses have made considerable progress.

- All 318 of the bond projects are now under design, in construction, or completed. Through July 2006, 36 projects are under design, 109 are in construction, and 173 have been completed.
- \$2.19 billion or 88% of bond program dollars are now committed to design or construction contracts. It is expected that 90% of the bond program dollars will be committed by September 2006.
- The program will exceed \$2 billion in expenditures in September 2006.
- As part of its continuing commitment to contribute resources to its capital needs, the University has requested and the General Assembly has approved over \$2.7 billion in projects from nonappropriated sources since 2000.
- The program continues to exceed State goals recommended for Historically Underutilized Businesses (HUBs) by more than 60%. The University's outreach efforts, including the "HUB Contractor Academy" which teaches skills essential for managing a construction business, are promising long-term benefits for the minority contracting community. In the recent legislative session, the responsibility for conducting HUB Academies was transferred to the Department of Administration.
- UNC projects completed through the Construction Manager (CM) at Risk construction delivery method have out-performed those completed through other construction contracting methods in providing contracts to HUBs.
- Bonds sold by the State Treasurer in support of the program total \$2.18 billion.

- Recent status reports project the completion of construction for all projects by October 2008, nine months earlier than was indicated on the baseline schedule adopted by the University and accepted by the Higher Education Bond Oversight Committee in April 2002. While some projects have experienced acceleration and some have experienced delays relative to the baseline, the overall program continues at a pace that will result in completion of all projects earlier than anticipated.
- With the program over 80% committed, the projects over 50% complete, and the outstanding claims at 0.2%, the decision was made to release the Reserve for Repairs and Renovations and Cost Overruns on a prorata basis, thereby allowing the campuses to effectively utilize the funds to meet cost increases due to inflation.
- Appalachian State University, North Carolina School of the Arts, The University of North Carolina at Asheville, The University of North Carolina at Charlotte, Winston-Salem State University, and all three UNC Affiliates (i.e. NC Arboretum, NCSSM and UNC-TV) have achieved the significant milestone of having all their projects under construction or complete. The North Carolina School of Science and Math has completed its program and is the first to achieve that goal.

As required by the Act, the Board of Governors reports annually on the authorized bond program to the General Assembly.

Attachment 1 of this report provides a summary of the contractual commitments from bond funds by project phase for the program at each campus.

Attachment 2 provides the following information on the bond program:

1. the total cost of each project (column 7),
2. the amount of each project funded from the bonds (column 5),
3. the expenditures to date by project from the bonds (column 8)
4. the expenditures to date by project from other sources (column 9) and
5. the percentage of each project completed (column 11).

Attachment 3 provides the following information on the bond program:

1. the estimated [20-year, average] operating costs for each project begun in the preceding fiscal year (column 8)
2. the proposed source of funds for these operating costs (column 9) and
3. the anticipated dates for occupancy for each of these projects (column 6).

In addition to providing information on the bond program, the act requires the Board of Governors to report annually on the University's current condition, its presently funded maintenance projects and its funding needs that would allow the University to be proper stewards of these valuable State assets.

Attachment 4 provides information on the condition of the University's capital assets. Every three years, the State Construction Office reviews the facilities at each UNC constituent institution, documents deficiencies and estimates the cost to remedy the deficiencies. Their work results in a Facilities Condition and Assessment Program (FCAP) report for each campus. Attachment 4 summarizes these reports by campus. This year, the North Carolina School of Science and Math is included on the list.

As of the 2005 cycle (the most recent available), the University has a documented backlog of repair needs of \$1.1 billion, of which approximately \$700 million relate to deficiencies in state-supported facilities (column 4) and approximately \$366 million relate to deficiencies in non-state supported facilities (column 7). It is important to note that the FCAP reports do not fully consider the value of non-building infrastructure, which constitutes roughly one-third of the State's physical plant.

Attachments 5 and 6 provide information on the repair, renovation and maintenance projects being undertaken by the University from the 2005 appropriation to the Statewide Reserve for Repairs and Renovation fund.

Attachment 7 provides the allocations to the University from the 2006 appropriation to the Statewide Reserve for Repairs and Renovation fund.

Attachments 8 and 9 provide information on the needs for additional funding to maintain the University's facilities. This information comes from the University's six-year plan for Repairs & Renovation funding, as submitted in the 2005-07 biennial budget request. The total is approximately \$750 million and represents the portion of system-wide repair and renovation needs that institutions propose to fund from the Statewide Reserve for Repairs and Renovations to care for state-supported facilities over the next six years.

In summary, the campuses are meeting the challenges of this multi-project task by managing their program well and delivering first-rate facilities that will keep North Carolina in the forefront of higher education and well positioned for a promising future.

THE UNIVERSITY OF NORTH CAROLINA
2000 Higher Education Bond Program Status Overview - Attachment 1
Contractual Commitments from Bond Funds - July 2006 Data

Institution	# of Projects per Bond List*	# of Project Bid Packages*	Total Dollar Value	In Design Phase				In Construction Phase				Complete				Land Acquisitions	
				\$	%	#	%	\$	%	#	%	\$	%	#	%	\$	%
ASU**	13	23	\$88,295,748	\$4,090,873	4.63%	0	0.00%	\$58,301,037	66.03%	5	21.74%	\$22,869,963	25.90%	18	78.26%	\$829,300	0.94%
ECU	13	21	\$190,609,500	\$6,431,999	3.37%	1	4.76%	\$71,733,366	37.63%	5	23.81%	\$94,958,862	49.82%	15	71.43%	\$7,668,849	4.02%
ECSU	19	31	\$46,767,970	\$4,039,490	8.64%	8	25.81%	\$22,163,219	47.39%	5	16.13%	\$17,565,318	37.56%	17	54.84%	\$0	0.00%
FSU	17	25	\$46,489,768	\$1,251,347	2.69%	4	16.00%	\$19,515,298	41.98%	13	52.00%	\$19,021,098	40.91%	8	32.00%	N/A	N/A
NCA&T	21	39	\$161,800,091	\$4,344,099	2.68%	6	15.38%	\$21,596,955	13.35%	6	15.38%	\$88,234,825	54.53%	27	69.23%	\$5,768,526	3.57%
NCCU	23	42	\$121,977,231	\$3,812,382	3.13%	2	4.76%	\$26,527,284	21.75%	10	23.81%	\$79,610,770	65.27%	30	71.43%	\$2,047,879	1.68%
NCSA**	12	10	\$42,547,500	\$499,176	1.17%	0	0.00%	\$4,170,622	9.80%	3	30.00%	\$33,695,702	79.20%	7	70.00%	\$3,252,341	7.64%
NCSU	40	115	\$472,740,939	\$14,858,446	3.14%	7	6.09%	\$150,434,367	31.82%	28	24.35%	\$234,612,139	49.63%	80	69.57%	\$3,101,366	0.66%
UNC-A**	9	12	\$50,464,200	\$3,763,019	7.46%	0	0.00%	\$31,965,410	63.34%	4	33.33%	\$14,437,543	28.61%	8	66.67%	N/A	N/A
UNC-CH	49	90	\$512,739,075	\$33,106,450	6.46%	17	18.89%	\$197,315,704	38.48%	29	32.22%	\$206,840,143	40.34%	44	48.89%	\$5,492,533	1.07%
UNC-C**	15	22	\$190,733,501	\$5,750,388	3.01%	0	0.00%	\$56,398,195	29.57%	7	31.82%	\$123,934,288	64.98%	15	68.18%	N/A	N/A
UNC-G	17	24	\$166,008,255	\$7,266,066	4.38%	3	12.50%	\$50,416,084	30.37%	6	25.00%	\$78,863,524	47.51%	15	62.50%	\$5,211,145	3.14%
UNC-P	19	16	\$56,873,600	\$1,302,542	2.29%	3	18.75%	\$11,279,583	19.83%	5	31.25%	\$38,474,714	67.65%	8	50.00%	N/A	N/A
UNC-W	18	29	\$109,201,800	\$6,324,862	5.79%	2	6.90%	\$45,844,333	41.98%	6	20.69%	\$36,488,641	33.41%	21	72.41%	\$2,100,000	1.92%
WCU	15	25	\$100,336,744	\$4,277,967	4.26%	6	24.00%	\$20,619,861	20.55%	4	16.00%	\$58,054,990	57.86%	15	60.00%	\$3,148,447	3.14%
WSSU**	13	20	\$47,106,581	\$181,975	0.39%	0	0.00%	\$2,099,132	4.46%	3	15.00%	\$44,196,097	93.82%	17	85.00%	N/A	N/A
UNC-TV**	2	7	\$65,890,600	\$12,500	0.02%	0	0.00%	\$86,789	0.13%	1	14.29%	\$53,457,801	81.13%	6	85.71%	N/A	N/A
NCSSM	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%	N/A	N/A
NC Arb**	1	5	\$9,331,700	\$344,626	3.69%	0	0.00%	\$5,630,607	60.34%	3	60.00%	\$2,831,754	30.35%	2	40.00%	N/A	N/A
Reserve-for Repairs and Renovations & Cost Overruns***			\$14,922,197														
Total	318	560	\$2,500,000,000	\$101,658,207	4.07%	59	10.54%	\$796,097,846	31.84%	143	25.54%	\$1,253,311,172	50.13%	357	63.75%	\$38,620,386	1.54%

*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 with adjustments approved through scope change requests.

**With no construction projects in design, a dollar commitment continues to be reported reflecting the continued role of the designer in construction administration until completion of the project.

***The initial reserve of \$25,186,595 is reduced as reserves are transferred to institutions.

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
2000 Higher Education Bond Program -- June 2006 Data - Attachment 2

Code	Item	Institution	Bond Bill Amount (\$)	Revised (w/transfers) Bond Amount (\$)	Non-Bond Amount (\$)	Revised Total Budget (\$)	Expended through 6/30/2006 Bonds (\$)	Expended through 6/30/2006 Other (\$)	Status	% Complete
		Appalachian State University	87,406,200	88,295,748	3,220,000	91,515,748	81,084,900	3,220,000		
40080	301	Central Library Complex	47,586,800	47,838,800	0	47,838,800	41,957,935	0	Construction	85%
	302	Science Building – Completion of Interior Laboratories and Academic Space	1,260,000	410,565	0	410,565	410,565	0	Rankin Science	88%
	303	Rankin Science Building – Comprehensive Renovation	11,157,000	17,496,935	1,220,000	18,716,935	16,861,413	1,220,000	Construction	90%
	304	Living and Learning Center – Academic Portion	4,022,800	3,499,560	0	3,499,560	3,499,560	0	Complete	100%
	305	Visual Arts Center/Education Outreach Center – Renovation	4,374,700	4,155,965	2,000,000	6,155,965	3,789,961	2,000,000	Complete	100%
	306	Smith-Wright Hall Classroom Building – Comprehensive Renovation	1,636,100	1,858,150	0	1,858,150	1,858,150	0	Construction	99%
	307	Founders Hall – Comprehensive Renovation	1,044,100	1,044,100	0	1,044,100	1,044,100	0	Complete	100%
	308	Walker Hall Classroom Building – Comprehensive Renovation	1,733,800	1,474,437	0	1,474,437	1,474,437	0	Complete	100%
	309	B.B. Dougherty Hall – Comprehensive Renovation	1,000,000	1,332,100	0	1,332,100	1,330,406	0	Complete	100%
	310	Water System Improvements	2,866,200	3,139,288	0	3,139,288	3,014,590	0	Construction	96%
	311	Land Acquisition	829,300	829,300	0	829,300	829,300	0	Complete	100%
	312	Technology Infrastructure Expansion	4,838,900	4,596,955	0	4,596,955	4,596,955	0	Complete	100%
	313	Rankin Science Building - Comprehensive Renovation (Annex)	5,056,500	0	0	0	0	0		
	350	Effective Project Management/Inflation		619,593	0	619,593	417,528	0	Ongoing	
		East Carolina University	190,609,500	190,609,499	16,325,305	206,934,804	167,613,175	15,133,024		
40086	301	Science Laboratories and Technology Building – Replacement for Flanagan Science Building	55,125,300	59,735,416	11,044,692	70,780,108	59,198,895	11,044,692	Completed	100%
	302	Flanagan Building – Renovation and Conversion for General Academic Use	13,421,300	13,499,130	0	13,499,130	13,450,770		Completed	100%
	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	1,350,000	56,285,955	47,903,940	1,250,000	Construction	92%
	304	Expansion and Renovation of the Old Nursing Building	14,685,500	11,017,300	500,000	11,517,300	10,976,331	500,000	Completed	100%
	305	Belk Building – Comprehensive Renovation and conversion from Allied Health to General Academic	7,791,300	7,588,726	0	7,588,726	386,945		Design	20%
	306	Classroom Improvements –Technology Upgrades and Renovation (Speight, Brewster, Rivers, General Classroom Building, Rawl & Austin)	3,648,400	2,817,342	0	2,817,342	2,816,901		Complete	100%
	307	Academic Space Requirements – Teaching Laboratories (Fletcher Music)	5,250,000	6,170,372	570,000	6,740,372	3,760,451	570,000	Construction	85%
	308	Medical School – Addition of Library and Study Space	12,600,000	0	0	0			Construction	above
	309	"Old Cafeteria" Office Building – Comprehensive Renovation for Student Services/Academic Use	4,442,100	8,700,005	0	8,700,005	5,490,254		Construction	70%
	310	Infrastructure – Repairs and Expansion	16,291,100	14,879,731	1,092,281	15,972,012	13,320,677		Construction	75%
	311	Campus Computing Center - Comprehensive Renovation	1,785,000	1,583,079	1,760,056	3,343,135	1,583,079	1,760,056	Complete	100%
	312	Land Acquisition	7,879,400	7,668,849	8,276	7,677,125	7,668,849	8,276	Complete	100%
	313	Technology Infrastructure Expansion	807,600	803,382	0	803,382	803,382		Complete	100%
	350	Effective Project Management/Inflation		1,210,213	0	1,210,213	252,701		Ongoing	
		Elizabeth City State University	46,296,800	46,767,970	14,788,458	61,556,428	38,163,064	1,637,592		
40083	301	Lane Hall Classroom Building – Comprehensive Renovation	2,360,600	2,625,410	56,086	2,681,496	171,475	56,086	Construction	30%
	302	Trigg Hall Classroom Building – Comprehensive Renovation	2,109,000	1,068,050	178,000	1,246,050	271,251	152,714	Construction	65%
	303	Johnson Hall Classroom Building – Comprehensive Renovation	3,156,300	3,813,655	20,000	3,833,655	3,483,177	20,000	Construction	99%
	304	Williams Hall Classroom Building – Comprehensive Renovation	2,822,700	2,479,437	479,500	2,958,937	2,479,437	447,675	Complete	100%
	305	Lester Hall Classroom Building – Partial Renovation	250,000	156,750	54,758	211,508	9,642		Design	25%
	306	White Graduate Center and Continuing Education Building – Comprehensive Renovation	1,514,000	1,478,349	156,354	1,634,703	1,474,058	152,051	Complete	100%
	307	Wilkins Laboratory Building – Comprehensive Renovation	451,800	153,110	0	153,110			Design	5%
	308	Mitchell-Lewis Residence Hall – Replacement	2,123,700	2,400,000	13,199,782	15,599,782	558,840		Design	15%
	309	Wamack Residence Hall – Comprehensive Renovation (combined with Student Ctr)	3,334,300	0	0	0			Complete	100%
	310	Doles Residence Hall – Comprehensive Renovation (Scope change replaced this project)	1,722,500	0	0	0			N/A	
	311	Residence Hall for 200 Students – Replacement of Symera Hall (combined w/Student Ctr)	5,510,000	0	0	0			Complete	100%
	312	Central Chiller Plant (combined w/Student Ctr)	1,400,000	0	0	0			Complete	100%
	313	Student Center	8,778,300	24,551,650	43,600	24,595,250	24,362,688	277,419	Complete	100%
	314	Physical Education Facilities	1,447,500	1,637,905	0	1,637,905	1,618,199		Complete	100%

THE UNIVERSITY OF NORTH CAROLINA
2000 Higher Education Bond Program -- June 2006 Data - Attachment 2

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	315	Campus Infrastructure Improvements	3,405,300	1,786,131	489,986	2,276,117	15,689	519,486	Construction	45%
	316	Electrical Distribution System Upgrade	1,225,000	323,750	0	323,750	37,941		Construction	50%
	317	Energy Management System Improvements	886,400	428,490	66,493	494,983	135,865		Construction	30%
	318	Technology Infrastructure Expansion	3,149,400	3,097,528	43,899	3,141,427	2,877,861	7,403	Construction	100%
	319	Land Acquisition	650,000	0	0	0	0		Complete	100%
	350	Effective Project Management		767,755	0	767,755	666,942		Ongoing	
		Fayetteville State University	46,021,400	46,489,768	5,625,350	52,115,118	32,373,707	5,151,908		
40084	301	Residence Hall For 275 Students	6,872,300	6,556,685	0	6,556,685	6,556,685	0	Complete	100%
	302	Lyons Science and Laboratory Building – Comprehensive Renovation and Addition	15,146,900	14,295,555	1,350,000	15,645,555	6,094,509	1,350,000	Construction	85%
	303	Science Annex – Comprehensive Renovation	1,740,500	1,972,789	75,000	2,047,789	1,972,789	75,000	Complete	100%
	304	Continuing Education Center – Comprehensive Renovation	432,600	290,970	0	290,970	272,711	0	Complete	100%
	305	Taylor Social Sciences Classroom Building – Comprehensive Renovation	884,300	840,085	500,000	1,340,085	268,622	0	Construction	66%
	306	Charles Chestnutt Library – Comprehensive Renovation	875,900	732,105	0	732,105	575,709	0	Complete	100%
	307	William Collins Building – Comprehensive Renovation	340,600	608,570	0	608,570	91,362	0	Design	25%
	308	Seabrook Auditorium – Comprehensive Renovation	6,325,000	6,788,791	1,048,000	7,836,791	6,745,871	1,048,000	Complete	100%
	309	Taylor Gymnasium – Conversion of Building for Academic Use	3,360,000	3,425,507	1,496,000	4,921,507	2,106,153	1,496,000	Construction	79%
	310	Lilly Gymnasium – Comprehensive Renovation and Conversion of Building for Student Services	3,256,400	3,143,580	0	3,143,580	169,728	0	Design	30%
	311	Cook Dining Hall – Comprehensive Renovation and Conversion of Building for Academic Use and Student Services	1,773,500	2,293,825	468,907	2,762,732	2,293,825	495,465	Complete	100%
	312	Student Residence Halls – Fire Safety Improvements	611,700	581,115	0	581,115	581,115	0	Complete	
	313	Campus Infrastructure Improvements	1,435,000	1,268,250	15,000	1,283,250	1,268,250	15,000	Complete	100%
	314	Comprehensive Renovation and Conversion of Spaulding (Old Infirmary) for Public Safety Facilities	1,029,100	995,941	472,443	1,468,384	995,941	472,443	Complete	100%
	315	Technology Infrastructure Expansion	1,137,600	989,485	0	989,485	1,017,158	0	Complete	100%
	316	Seabrook Auditorium – Comprehensive Renovation	500,000	0	0	0	0	0	Complete	100%
	317	Mitchell Building - Comprehensive Renovation	300,000	0	0	0	0	0	Design	25%
	350	Effective Project Management/Inflation		1,706,515	200,000	1,906,515	1,363,279	200,000	Ongoing	
		North Carolina A & T State University	161,800,091	161,800,091	14,105,925	175,906,016	115,102,970	4,739,222		
40087	301	Classroom and Laboratory Complex	29,920,700	34,012,737	1,842,325	35,855,062	33,064,505	1,842,325	Complete	100%
	302	Chemistry Laboratory – Replacement for Hines Hall	21,831,600	20,242,000	0	20,242,000	18,800,713	0	Complete	100%
	303	Harrison Auditorium – Comprehensive Renovation	2,895,200	3,195,200	1,782,500	4,977,700	2,181,432	1,482,500	Construction	93%
	304	Curtis Residence Hall – Replacement	3,723,500	0	0	0	0	0	Deleted	
	305	Scott Residence Hall – Replacement	26,253,300	34,879,029	0	34,879,029	34,631,075	0	Complete	100%
	306	Gamble Residence Hall – Replacement	1,552,000	0	0	0	0	0	Deleted	
	307	New Student Housing	1,897,900	0	0	0	0	0	Deleted	
	308	Holland Residence Hall – Comprehensive Renovation	856,800	0	0	0	0	0	Deleted	
	309	Morrison Residence Hall – Comprehensive Renovation	3,701,100	4,251,804	304,000	4,555,804	4,166,070	304,000	Complete	100%
	310	Zoe Barbee Residence Hall – Comprehensive Renovation	3,693,800	4,333,905	0	4,333,905	251,040	0	Design	60%
	311	Hazardous Materials and Waste Storage Facility	1,575,000	1,801,115	0	1,801,115	1,796,557	0	Complete	100%
	312	Improvements to School of Agriculture Facilities	1,832,700	1,785,429	606,480	2,391,909	1,726,040	606,840	Complete	100%
	313	Barnes Hall Laboratory – Comprehensive Renovation	5,550,100	5,285,810	0	5,285,810	305,796	0	Design	70%
	314	Graham Hall Engineering Laboratory – Comprehensive Renovation	5,782,200	5,506,857	0	5,506,857	425,984	0	Construction	40%
	315	Corbett Intramural Center – Addition	7,035,000	6,700,000	0	6,700,000	185,965	0	Design	20%
	316	Replacement of Steam Lines and Access Holes	1,568,300	1,568,300	0	1,568,300	1,538,096	0	Complete	100%
	317	Electrical Distribution System – Upgrade and Expansion	2,256,800	1,724,533	0	1,724,533	1,682,228	0	Complete	
	318	New Education Facility	9,430,700	11,981,619	7,996,667	19,978,286	0	424,204	Design	17%
	319	Cherry Hall Laboratory Building – Comprehensive Renovation	8,438,200	8,036,381		8,036,381	1,075,353		Design	18%
	320	Three Classroom Buildings (Dudley, Gibbs, and Moore) – Comprehensive Renovation	4,797,100	4,568,667	1,573,953	6,142,620	2,012,550	793,533	Construction	70%

THE UNIVERSITY OF NORTH CAROLINA
2000 Higher Education Bond Program -- June 2006 Data - Attachment 2

Code	Item	Institution	Bond Bill Amount (\$)	Revised (w/transfers) Bond Amount (\$)	Non-Bond Amount (\$)	Revised Total Budget (\$)	Expended through 6/30/2006 Bonds (\$)	Expended through 6/30/2006 Other (\$)	Status	% Complete
	321	Land Acquisition	6,300,000	6,406,600	0	6,406,600	6,397,929	0	Ongoing	95%
	322	Technology Infrastructure Expansion	2,921,700	2,782,571	0	2,782,571	2,781,277	0	Complete	100%
	323	Campus Security Improvements	828,716	828,716	0	828,716	828,716	0	Complete	100%
	324	Classroom and Laboratory Complex	7,157,675	0	0	0	0	0	Deleted	
	350	Effective Project Management		1,908,818	0	1,908,818	1,251,644	0	Ongoing	
		North Carolina Central University	121,246,203	121,246,203	21,792,586	143,038,789	102,624,349	18,064,250		
40085	301	Science Complex – Replacement of Robinson, Hubbard, and Lee Science Buildings	36,780,000	35,841,000	1,642,000	37,483,000	35,691,000	1,642,000	Complete	100%
	302	Farrison-Newton Building – Comprehensive Renovation of Classroom Building	7,048,700	1,117,265	0	1,117,265	1,115,818		Construction	90%
	303	Student Housing – Replacement	1,556,600	1,485,516	250,000	1,735,516	1,485,516	250,000	Complete	100%
	304	Baynes Residence Hall – Replacement	15,091,100	13,586,545		13,586,545	13,586,544		Complete	100%
	305	Rush Residence Hall – Comprehensive Renovation	2,089,400	1,984,930	487,542	2,472,472	1,984,930		Complete	100%
	306	Eagleson Residence Hall – Comprehensive Renovation	6,869,500	9,370,457	0	9,370,457	2,078,572		Design	35%
	307	Shepard Residence Hall – Comprehensive Renovation	4,357,800	4,139,910	3,157,062	7,296,972	3,639,621	3,157,062	Complete	100%
	308	Latham Residence Hall – Comprehensive Renovation	3,411,600	396,588	0	396,588	396,588		Complete	100%
	309	McLean Residence Hall – Comprehensive Renovation	305,800	305,800	2,625,000	2,930,800	305,800	2,169,082	Complete	100%
	310	Pearson Cafeteria – Comprehensive Renovation	1,263,600	8,700,420	300,000	9,000,420	802,265		Design	25%
	311	Student Residence Halls – Fire Safety and Security Improvements	1,541,000	1,363,950	0	1,363,950	1,182,395		Construction	95%
	312	Turner Law School – Comprehensive Renovation	7,028,800	6,677,360	2,880,000	9,557,360	6,634,103	2,814,420	Complete	100%
	313	Shepard Library – Comprehensive Renovation	4,374,800	6,056,060	0	6,056,060	4,708,950		Construction	65%
	314	Old Senior Dorm – Conversion to Academic Use (project cancelled under scope change)	2,130,700	96,419	0	96,419	81,552		Deleted	
	315	Alexander Dunn Building – Comprehensive Renovation	1,779,300	1,890,335	0	1,890,335	1,820,257		Complete	100%
	316	Campus Infrastructure Improvements	10,263,800	8,295,610	2,850,000	11,145,610	8,086,895	3,856,221	Construction	85%
	317	Hoey Building – Comprehensive Renovation	2,867,700	0	2,588,099	2,588,099		73,012	Design	15%
	318	Code Compliance Corrections of Buildings not scheduled for Compliance Modifications	3,675,000	158,522	0	158,522	151,997		Cancelled	
	319	Land Acquisition	4,000,000	2,600,000	1,400,000	4,000,000	2,047,879	1,400,000	Ongoing	55%
	320	Renovation of Existing Space for Public Safety Facility	840,000	798,000	53,078	851,078	798,000		Complete	100%
	321	Technology Infrastructure Expansion	1,422,000	1,350,900	0	1,350,900	1,305,522		Complete	100%
	322	B.N. Duke Auditorium Addition	740,000	740,000	2,242,592	2,982,592	739,999	2,225,240	Complete	100%
	323	Health and Safety Repairs and Renovations	1,809,003	1,359,003	190,997	1,550,000	1,241,442	190,997	Complete	100%
	324	Mold Remediation		7,212,043	0	7,212,043	7,019,135		Complete	100%
	350	Effective Project Management/Inflation		5,719,570	1,126,216	6,845,786	5,719,569	286,216	Ongoing	
		North Carolina School of the Arts	42,547,500	42,547,500	150,000	42,697,500	41,298,012	150,000		
40088	301	Basic Performance and Education Complex	19,130,700	16,547,001	0	16,547,001	16,186,277		Complete	100%
	302	Stevens Center – Comprehensive Modernization and Major Renovations	4,434,500	4,496,275	0	4,496,275	4,496,265		Complete	100%
	303	Film Archives Building	2,250,000	2,020,500	0	2,020,500	1,974,217		Complete	100%
	304	Student Services Support Complex	2,500,000	2,850,000	0	2,850,000	2,832,485		Complete	100%
	305	Dance Costume Shop – Comprehensive Renovation	420,000	1,770,000	0	1,770,000	1,709,261		Complete	100%
	306	Workplace Building #2 – Comprehensive Renovation	1,350,000	56,129	0	56,129	56,129		Construction	98%
	307	Crawford Hall and the Recital Hall – Comprehensive Renovation	499,900	0	0	0	0		Construction	98%
	308	Residence Hall	1,832,100	1,913,969	150,000	2,063,969	1,913,969	150,000	Complete	100%
	309	Gray Classroom Building – Partial Renovation	1,787,700	0	0	0	0		Construction	98%
	310	Technology Infrastructure Expansion	1,862,300	1,772,300	0	1,772,300	1,749,234		Complete	100%
	311	Renovation of DeMille Theatre	2,330,300	5,971,601	0	5,971,601	5,771,022		Construction	98%
	312	Land Acquisition	4,150,000	3,475,000	0	3,475,000	3,252,341		Ongoing	92%
	350	Effective Project Management/Inflation		1,674,725	0	1,674,725	1,356,812		Ongoing	
		North Carolina State University	465,205,455	469,161,889	74,091,978	543,253,867	339,326,097	57,777,662		

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40074	301	Undergraduate Science Teaching Lab – Phase I	34,801,400	27,857,987	1,897,500	29,755,487	27,270,901	1,897,500	Complete	100%
	302	Withers Hall – Conversion from Laboratory to General Academic Use	11,480,400	10,963,068	0	10,963,068	7,039,597	0	Construction	60%
	303	College of Engineering Complex – Phase I	32,806,500	34,885,022	2,000,000	36,885,022	34,013,214	2,000,000	Complete	100%
	304	College of Veterinary Medicine – Research Addition and Renovation of Laboratories and Academic Space	20,180,000	19,460,905	15,620,550	35,081,455	19,460,905	13,297,255	Complete	100%
	305	College of Engineering Complex – Phase II	46,565,200	32,995,163	9,047,546	42,042,709	33,097,909	7,746,023	Construction	98%
	306	David Clark Laboratory – Comprehensive Renovation and Addition	11,555,800	22,434,667	0	22,434,667	21,943,532	0	Complete	100%
	307	Undergraduate Science Teaching Lab – Phase II	12,197,000	0	0	0	0	0		
	308	South Gardner Hall Laboratory Building – Comprehensive Renovation	15,214,500	13,827,500	0	13,827,500	1,758,766	0	Construction	37%
	309	1911 Classroom Building – Comprehensive Renovation	6,972,000	6,516,228	0	6,516,228	643,624	0	Design	17%
	310	Park Shops – Comprehensive Renovation and Use Conversion for General Academic Use	6,310,700	6,010,190	0	6,010,190	446,120	0	Design	13%
	311	Riddick Lab – Comprehensive Renovation and Conversion from Laboratory to Classroom Building	26,020,900	24,304,009	888,350	25,192,359	7,254,966	888,350	Construction	65%
	312	Harrelson Classroom Building – Comprehensive Renovation	13,608,500	12,454,562	10,000,000	22,454,562	1,380,938	0	Design	10%
	313	Clark Hall – Conversion from Infirmary to Student and Faculty Support Services	2,415,000	1,630,459	0	1,630,459	1,630,459	0	Complete	100%
	314	Schaub Food Science Building – Comprehensive Renovation	10,515,500	12,232,195	671,037	12,903,232	11,943,041	671,037	Construction	99%
	315	Williams Hall Laboratory Building – Comprehensive Renovation	12,865,500	11,930,357	96,815	12,027,172	1,108,333	96,815	Design	10%
	316	Polk Hall Laboratory Building – Comprehensive Renovation	15,053,000	13,734,770	0	13,734,770	1,914,907	0	Construction	70%
	317	Leazar Hall Laboratory Building – Comprehensive Renovation	8,361,100	8,161,981	750,431	8,912,412	6,867,455	750,431	Construction	98%
	318	Daniels Hall Laboratory Building – Phase I – Comprehensive Renovation	7,864,500	7,654,682	198,059	7,852,741	5,141,198	198,059	Construction	70%
	319	Jordan Hall Lab and Classroom Building – Addition	13,553,300	12,389,621	0	12,389,621	4,645,415	0	Construction	40%
	320	Library – Addition	9,193,900	8,672,117	770,320	9,442,437	4,836,723	770,320	Construction	67%
	321	Support Services Center – to Relocate Various Campus Services	10,335,800	9,405,360	7,480,722	16,886,082	6,682,556	7,296,090	Complete	100%
	322	Field Research Laboratories and Outlying Research Facilities – Phase I	2,500,000	2,207,004	350,000	2,557,004	1,962,521	350,000	Construction	90%
	323	Horticulture Classroom at Arboretum Education Center	500,000	476,190	3,713,957	4,190,147	476,190	3,712,824	Complete	100%
	324	Research Laboratory Space – Phase I	18,900,000	16,245,060	14,203,832	30,448,892	16,209,729	13,000,098	Complete	100%
	325	Public Safety Facility	4,704,000	4,300,053	0	4,300,053	3,803,318	0	Complete	100%
	326	College of Veterinary Medicine – Mechanical and Electrical System Improvements	21,000,000	14,701,261	225,000	14,926,261	6,939,665	225,000	Construction	69%
	327	Technology Infrastructure Expansion	2,424,100	2,424,100	0	2,424,100	2,359,223	0	Construction	97%
	328	Chilled Water Central Plant – North Campus	41,769,000	49,579,237	1,050,984	50,630,221	49,386,583	1,050,984	Construction	98%
	329	Chilled Water Brickyard Loop Extension and Cooling Tower	2,913,800	0	0	0	0	0		
	330	Steam Distribution & Capacity Improvements (Sullivan Dr.area)	3,244,100	3,042,387	48,050	3,090,437	2,935,746	48,050	Construction	98%
	331	Main Campus Infrastructure (including Water System)	9,330,700	5,551,004	245,873	5,796,877	4,138,502	245,873	Construction	97%
	332	College of Veterinary Medicine – Infrastructure	5,300,000	16,001,758	561,000	16,562,758	15,341,565	561,000	Complete	100%
	333	Centennial Campus – Infrastructure (Central Utilities Plant)	11,338,500	15,886,570	890,189	16,776,759	15,741,304	890,190	Complete	100%
	334	Land Acquisition	2,100,000	2,100,000	0	2,100,000	1,773,632	0	Complete	100%
	335	College of Veterinary Medicine - Research Addition & Renovation of Labs and Academic Space	675,000	0	0	0	0	0		
	336	College of Engineering Complex, Planning	3,200,000	0	0	0	0	0		
	337	Animal and Food Science Facilities (formerly Meat Processing Laboratory-changed by legislation)	4,853,755	6,217,245	1,394,763	7,612,008	4,625,962	94,763	Construction	90%
	338	Research and Teaching Feed Mill	2,582,000	2,582,000	288,200	2,870,200	2,539,739	288,200	Complete	100%
	339	Undergraduate Science Teaching Lab - Phase I Greenhouses	0	0	0	0	0	0		
	340	Lake Wheeler Rd Field Lab - Beef Educational Unit (Note: This was not in the original bond list.)	0	3,016,377	1,698,800	4,715,177	2,618,269	1,698,800	Complete	100%
	350	Effective Project Management		19,013,381	0	19,013,381	9,393,590	0	Ongoing	
	360	Program Inflation		8,297,419	0	8,297,419	0	0		
		The University of North Carolina at Asheville	50,464,200	50,464,200	6,148,569	56,612,769	28,024,306	4,542,755		
40077	301	Math and Science Building – Replacement of Rhodes and Robinson Buildings	22,203,200	22,793,040	1,741,048	24,534,088	5,463,650	500,000	Construction	45%
	302	Highsmith Center – Comprehensive Renovation and Addition	11,522,000	11,559,700	3,931,936	15,491,636	11,394,204	3,931,936	Complete	100%
	303	Carmichael Hall Classroom Building – Comprehensive Renovation	5,524,200	5,424,304	0	5,424,304	5,127,118		Complete	100%
	304	Zageir Hall Classroom Building – Partial Renovation	2,569,100	1,440,645	0	1,440,645	425,116		Construction	43%
	305	Campus Primary Electrical Distribution System Upgrade and Improvements	1,023,800	972,610	33,993	1,006,603	968,780	33,993	Complete	100%

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	306	Relocate Physical Plant Facilities (Programming)	6,318,900	6,223,302	364,766	6,588,068	2,742,805		Construction	65%
	307	Technology Infrastructure Expansion	751,200	713,640	0	713,640	711,042		Complete	100%
	308	Highsmith Center - Comprehensive Renovation and Addition	356,800	0	0	0	0		Complete	100%
	309	Justice Gym - Renovations	195,000	195,000	76,826	271,826	195,000	76,826	Complete	100%
	350	Effective Project Management		1,141,959	0	1,141,959	996,592		Ongoing	
		The University of North Carolina at Chapel Hill	510,539,075	512,738,805	386,491,557	899,230,362	394,503,055	338,581,540		
40072	301	School of Medicine – Medical Research Building – Comprehensive Renovation of Classroom and Laboratory Space	12,895,000	23,173,654	500,000	23,673,654	22,268,729	493,702	Construction	99%
	302	Health Sciences Library – Comprehensive Renovation	11,000,000	11,000,000	1,125,375	12,125,375	10,747,659	1,094,745	Complete	100%
	303	School of Dentistry Building – Renovation and Conversion from Operatory to General Academic Use	8,397,100	8,325,410	332,704	8,658,114	8,397,100	134,461	Complete	100%
	304	Rosenau Hall Laboratory Building – Comprehensive Renovation	9,000,000	8,621,910	3,192,829	11,814,739	3,583,693	670,091	Construction	55%
	305	Brauer Hall – Comprehensive Renovation of Dental Clinic	13,415,400	13,179,625	751,132	13,930,757	10,717,680		Construction	85%
	306	Burnett Womack Building Research Laboratory – Comprehensive Renovation	24,848,000	26,464,785	9,575,000	36,039,785	24,848,000	10,746,952	Construction	90%
	307	Berryhill Hall Laboratory Building – Comprehensive Renovation	10,700,000	15,129,344	0	15,129,344	2,240,601		Construction	43%
	308	Beard Hall Classroom and Laboratory Building – Comprehensive Renovation	3,500,000	3,603,707	4,464,000	8,067,707	3,500,000	3,952,237	Construction	95%
	309	Teaching Research Building – School of Public Health Project Supplement	13,382,900	12,512,900	25,598,300	38,111,200	13,582,900	23,701,504	Complete	100%
	310	Carrington Hall – Addition for School of Nursing Project Supplement	10,082,100	9,242,100	12,231,130	21,473,230	10,082,100	10,342,779	Complete	100%
	311	Medical Biomolecular Research Building	26,718,000	26,718,000	36,057,200	62,775,200	26,334,994	39,280,048	Complete	100%
	312	Community Health Building – Consolidation of Programs	18,340,000	0	0	0			Deleted	
	313	Carolina Living and Learning Center	1,154,275	1,154,275	165,060	1,319,335	1,154,275	45,059	Complete	100%
40073	301	Science Complex – Phase I	55,012,500	53,006,557	45,512,759	98,519,316	55,012,500	43,543,931	Construction	90%
	302	Science Complex – Phase II	33,437,500	31,882,500	917,900	32,800,400	6,800,000	982,579	Construction	30%
	303	Murphey Hall Classroom Building – Comprehensive Renovation	6,723,500	6,926,500	300,000	7,226,500	6,806,190	400,000	Complete	100%
	304	New West Classroom Building – Comprehensive Renovation	4,500,000	4,421,661	78,864	4,500,525	3,492,289		Construction	95%
	305	Steele Building – Comprehensive Renovation and Conversion of Administrative Office Building to a Classroom Building	3,428,600	3,365,171	0	3,365,171	230,029		Design	10%
	306	Saunders Hall Classroom Building – Comprehensive Renovation	4,194,100	4,389,811	508,484	4,898,295	4,194,100	763,961	Complete	100%
	307	Peabody Hall Classroom Building – Comprehensive	8,509,800	6,688,535	539,808	7,228,343	8,120,455	369,808	Complete	100%
	308	Memorial Hall – Comprehensive Renovation and Addition	9,000,000	10,188,000	7,531,080	17,719,080	9,278,000	8,893,692	Complete	100%
	309	Smith Hall – Comprehensive Renovation	1,355,200	1,350,694	33,530	1,384,224	347,148		Design	12%
	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	1,833,300		Complete	100%
	311	Hamilton Hall – Comprehensive Renovation of Classrooms and Lecture Halls	1,539,000	1,532,583	115,000	1,647,583	556,518		Design	14%
	312	Gerrard Hall Classroom Building – Comprehensive Renovation	1,350,000	1,345,736	250,000	1,595,736	110,000	136,059	Construction	25%
	313	Caldwell and Howell Halls – Comprehensive Renovation of Classrooms and Lecture Halls	1,732,000	1,732,000	0	1,732,000	625,000		Complete	100%
	314	Coker and Mitchell Halls – Comprehensive Renovation of Classrooms and Lecture Halls	1,718,000	1,663,487	0	1,663,487	290,984		Construction	95%
	315	Hanes and Manning Halls and Alumni Building – Comprehensive Renovation of Classrooms and Lecture Halls	2,233,000	2,299,163	800,000	3,099,163	711,000		Construction	75%
	316	Woollen and Fetzer – Comprehensive Renovation of Classrooms and Lecture Halls	1,598,000	1,585,413	0	1,585,413	938,530		Construction	95%
	317	Greenlaw Hall – Comprehensive Renovation of Classrooms and Lecture Halls	1,825,000	1,818,612	200,000	2,018,612	937,841		Construction	50%
	318	Phillips Hall – Comprehensive Renovation of Classrooms and Lecture Halls	1,450,000	1,431,140	0	1,431,140	1,405,401		Complete	100%
	319	Hill and Davie Halls – Comprehensive Renovation of Classrooms and Lecture Halls	1,949,000	1,945,221	0	1,945,221	394,169		Complete	100%
	320	Academic Facilities to Consolidate International Education Programs (Global Education Center)	20,000,000	17,402,235	13,633,160	31,035,395	20,000,000	2,463,206	Construction	60%
	321	College of Arts and Sciences – Digital Multimedia Instructional Center and Music Library	20,150,000	20,150,000	756,000	20,906,000	3,290,000		Design	25%
	322	School of Medicine – Bioinformatics Building – Supplement for Appropriated Activity	2,000,000	2,000,000	32,217,000	34,217,000	1,593,236	31,254,045	Complete	100%
	323	Physical Plant Support Facilities	11,075,000	11,075,000	87,000	11,162,000	9,945,000	237,000	Construction	85%
	324	Student Services Building – Consolidation of Services (Advising, Financial Aid, Registration, Housing)	27,000,000	28,565,500	0	28,565,500	10,968,000		Construction	50%

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	325	Storm Drainage Improvements	10,500,000	6,155,343	0	6,155,343	8,500,000	1,407,219	Construction	50%
	326	Cogeneration Facility – Back Pressure Turbine Generator	2,625,000	2,625,000	3,400,000	6,025,000	2,625,000	1,124,556	Construction	75%
	327	Steam Distribution System Replacement	6,300,000	13,775,000	65,831,324	79,606,324	6,300,000	66,429,631	Complete	100%
	328	Upgrade Campus Energy Management and Control System	3,682,600	3,682,600	0	3,682,600	1,596,126		Construction	75%
	329	Campus Fiber Optics Network	17,533,500	15,888,926	227,235	16,116,161	12,204,500	145,718	Complete	85%
	330	Electrical Systems Improvements	5,200,000	5,680,000	0	5,680,000	3,361,000		Construction	80%
	331	Infrastructure Improvements – Main Campus	32,298,000	41,319,268	90,700,417	132,019,685	38,305,800	69,681,721	Construction	75%
	332	Technology Infrastructure Expansion	9,165,000	9,941,990	25,216,626	35,158,616	9,165,000	16,885,931	Construction	80%
	333	Land Acquisition	8,000,000	8,000,000	0	8,000,000	4,874,507		Ongoing	40%
	334	440 West Franklin Street – Comprehensive Renovation and Conversion for Information Technology and Data Processing	9,170,000	9,262,585	2,617,513	11,880,098	9,170,000	2,550,905	Complete	100%
	335	Wilson Hall Laboratory – Comprehensive Renovation	8,920,000	8,890,341	0	8,890,341	3,205,000		Construction	45%
	336	Memorial Hall - Comprehensive Renovation and Addition	200,000	0	0	0			Complete	
	337	R. B. House Library - Renovations	9,898,700	9,793,223	1,025,127	10,818,350	9,858,699	850,000	Complete	100%
		The University of North Carolina at Charlotte	190,033,501	190,733,501	10,545,615	201,279,116	179,252,882	8,137,429		
40076	301	Academic Facilities – Humanities	16,167,000	25,410,365	7,921,835	33,332,200	25,410,365	6,950,505	Complete	100%
	302	Science and Technology Building	33,207,000	33,568,591	436,264	34,004,855	32,599,572	316,264	Complete	100%
	303	Classroom and Office Building	26,102,500	20,706,610	0	20,706,610	18,476,414		Complete	100%
	304	College of Education Building	24,654,500	30,996,684	305,341	31,302,025	29,887,462	305,341	Complete	100%
	305	College of Nursing and Health Professions Building	34,125,000	31,210,807	0	31,210,807	25,544,172		Construction	86%
	306	Graduate Engineering Complex	14,700,000	24,613,651	1,000,000	25,613,651	23,342,537		Complete	100%
	307	Research Facility and Laboratory – Phase I (combined w/above)	8,400,000	0	0	0				
	308	Central Heating Plant Improvements – Upgrade and Modernization	2,826,200	5,166,492	0	5,166,492	5,166,492		Complete	100%
	309	Rowe Classroom Building – Comprehensive Renovation	4,306,500	4,989,000	32,175	5,021,175	4,802,295		Complete	100%
	310	McEniry Classroom Building – Comprehensive Renovation	3,433,000	3,261,350	0	3,261,350	3,215,082		Complete	100%
	311	Physical Plant and Campus Public Safety Facilities	5,515,000	6,282,284	725,000	7,007,284	6,282,284	440,319	Complete	100%
	312	Chiller Replacement	1,824,200	1,824,102	125,000	1,949,102	1,824,102	125,000	Complete	100%
	313	Technology Infrastructure Expansion	3,345,500	2,345,500	0	2,345,500	2,345,500		Complete	100%
	314	Academic Facilities – Humanities	9,243,365	0	0	0			Complete	100%
	315	Science and Technology Building	2,183,736	0	0	0			Complete	100%
	350	Effective Project Management/Inflation		358,065		358,065	356,606		Ongoing	
		The University of North Carolina at Greensboro	166,008,255	166,008,255	12,449,050	178,457,305	110,224,051	8,890,883		
40075	301	Science Instructional Building – Replacement of Petty Science Building	38,412,200	35,452,499	3,290,045	38,742,544	35,452,499	3,290,045	Complete	100%
	302	Petty Building – Comprehensive Renovation for Classroom Use	16,272,300	15,458,685	0	15,458,685	1,035,105		Design	20%
	303	Brown Classroom Building – Comprehensive Renovation	6,493,900	6,169,205	0	6,169,205	349,743		Design	20%
	304	McIver Classroom Building – Replacement	21,636,500	19,239,269	0	19,239,269	16,249,320		Construction	84%
	305	Aycock Auditorium – Comprehensive Renovation	17,163,000	18,304,850	500,000	18,804,850	1,386,690		Design	22%
	306	Stone Classroom Building – Comprehensive Renovation	8,930,400	4,489,135	0	4,489,135	4,124,060		Complete	100%
	307	Meeting/Seminar/Office Space – Alumni House – Code Compliance and Building System Replacements	3,258,000	3,095,100	902,367	3,997,467	345,527		Design	60%
	308	Heating Plant Capacity Expansion and Energy Efficiency Improvements	4,851,300	4,608,735	0	4,608,735	4,148,035		Complete	100%
	309	Forney Classroom Building – Comprehensive Renovation	3,565,400	3,387,130	0	3,387,130	197,687		Design	15%
	310	McNutt Classroom Building – Comprehensive Renovation	2,724,000	2,587,800	2,155,800	4,743,600	293,679		Construction	27%
	311	Electric Power Distribution – Capacity Expansion and Upgrade	4,091,000	3,886,450	0	3,886,450	3,616,626		Complete	100%
	312	Research Space Phase I	5,250,000	16,920,000	0	16,920,000	16,328,484		Construction	99%
	313	McIver Chiller Plant Expansion and Improvements	9,373,800	7,957,284	0	7,957,284	7,870,755		Complete	100%
	314	Infrastructure – Northeast Quadrant	6,825,200	7,334,869	0	7,334,869	7,306,195		Complete	100%
	315	Technology Infrastructure Expansion	4,101,300	3,896,235	5,600,838	9,497,073	3,896,235	5,600,838	Complete	100%

THE UNIVERSITY OF NORTH CAROLINA
2000 Higher Education Bond Program -- June 2006 Data - Attachment 2

Code	Item	Institution	Bond Bill Amount (\$)	Revised (w/transfers) Bond Amount (\$)	Non-Bond Amount (\$)	Revised Total Budget (\$)	Expended through 6/30/2006 Bonds (\$)	Expended through 6/30/2006 Other (\$)	Status	% Complete
	316	Land Acquisition	7,000,000	7,000,000	0	7,000,000	5,224,190		Ongoing	65%
	317	Science Instructional Building - Replace Petty Science Building	6,059,955	0	0	0				
	350	Effective Project Management		6,221,009	0	6,221,009	2,399,221		Ongoing	
		The University of North Carolina at Pembroke	56,873,600	56,873,600	2,575,957	59,449,557	44,528,113	1,095,957		
40081	301	Science Building	9,408,000	16,419,496	0	16,419,496	15,818,459	0	Complete	100%
	302	Oxendine Science Building – Comprehensive Renovation	8,032,600	0	0	0	0	0	Complete	100%
	303	Locklear Hall Classroom Building – Comprehensive Renovation	2,000,000	1,900,000	0	1,900,000	1,883,022	0	Complete	100%
	304	D.F. Lowry Classroom Building – Comprehensive Renovation and Addition	1,950,500	1,852,975	0	1,852,975	110,445	0	Design	20%
	305	Business Administration Building – Comprehensive Renovation	1,059,800	1,006,810	0	1,006,810	135,257	0	Construction	10%
	306	Moore Classroom Hall – Comprehensive Renovation	2,639,700	2,710,189	0	2,710,189	2,490,576	0	Construction	100%
	307	Residence/Dining Hall – Replacement of Jacobs and Wellons Halls (Scope change approved; project will change)	7,700,300	298,420	0	298,420	296,137	0	Cancelled	
	308	West Residence Hall – Comprehensive Renovation	977,300	0	0	0	0	0	Cancelled	
	309	Jones Physical Education Complex – Comprehensive Renovation	8,243,700	8,076,115	600,000	8,676,115	7,885,339	600,000	Complete	100%
	310	Replace Physical Plant Complex	5,656,000	4,985,037	0	4,985,037	4,980,137	0	Complete	100%
	311	Renovation of Former Physical Plant Facility to provide relocation of Auxiliary Services Complex and Student Bookstore	2,696,000	3,158,363	1,600,000	4,758,363	3,152,403	120,000	Construction	70%
	312	Campuswide Infrastructure Improvements	1,996,600	166,388	0	166,388	165,042	0	Cancelled	
	313	Campus Water Distribution Upgrades	525,000	289,750	0	289,750	220,745	0	Complete	100%
	314	Primary Electrical Distribution Upgrades	945,000	946,750	112,400	1,059,150	902,656	112,400	Complete	100%
	315	Technology Infrastructure Expansion	2,798,500	2,605,175	0	2,605,175	2,380,461	0	Construction	98%
	316	Economic Forum Building	244,600	0	0	0	0	0	Complete	100%
	317	General Purpose Classroom Building		6,967,865	0	6,967,865	1,959,336	0	Construction	30%
	318	Belk and North Fire Suppression		928,435	263,557	1,191,992	60,335	263,557	Construction	30%
	319	Biotechnology Facility		1,730,382	0	1,730,382	59,303	0	Design	20%
	350	Effective Project Management		2,831,450	0	2,831,450	2,028,460	0	Ongoing	
		The University of North Carolina at Wilmington	109,201,800	109,201,800	7,107,662	116,309,462	79,848,712	4,642,765		
40078	301	School of Education Building	18,725,000	15,735,735	922,900	16,658,635	15,699,054	898,600	Complete	100%
	302	Academic and Classroom Facilities	33,032,100	33,486,100	0	33,486,100	26,913,869		Construction	78%
	303	General Classroom Building	12,647,000	12,950,934	0	12,950,934	8,966,662		Construction	75%
	304	King Hall Classroom Building – Comprehensive Renovation	2,697,400	101,241	0	101,241	85,492		Cancelled	
	305	Hoggard Hall Classroom Building – Comprehensive Renovation	3,550,400	6,201,770	0	6,201,770	6,082,092		Complete	86%
	306	Alderman Hall Classroom Building – Comprehensive Renovation	2,940,800	210,349	0	210,349	210,349		Complete	100%
	307	Westside Hall Classroom Building – Comprehensive Renovation	2,687,300	2,264,263	3,059,133	5,323,396	2,264,263	3,059,133	Complete	100%
	308	Kenan Hall Classroom Building – Comprehensive Renovation	3,056,600	3,742,722	0	3,742,722	281,518		Design	13%
	309	Hinton James Hall Classroom Building – Comprehensive Renovation	1,468,000	3,080,983	0	3,080,983	949,557		Construction	60%
	310	Friday Hall Laboratory Building – Comprehensive Renovation	7,693,400	8,478,160	0	8,478,160	676,712		Design	15%
	311	Kenan Auditorium – Comprehensive Renovation	3,095,300	1,724,412	200,000	1,924,412	624,891		Construction	73%
	312	Marine Sciences Research Center Operations Facility	2,929,600	3,083,120	2,503,259	5,586,379	125,000	262,662	Design	20%
	313	Academic Support Facilities and Computing Center	4,585,900	1,140,000	231,320	1,371,320	1,140,000	231,320	Complete	100%
	314	Infrastructure Expansion	1,775,000	4,973,155	105,250	5,078,405	4,964,293	105,250	Complete	100%
	315	Land Acquisition	2,100,000	2,100,000	0	2,100,000	2,100,000		Complete	100%
	316	Primary Electrical Distribution System Improvements	2,238,200	2,114,010	85,800	2,199,810	2,114,010	85,800	Complete	100%
	317	Technology Infrastructure Expansion	2,949,000	2,801,550	0	2,801,550	2,801,550		Construction	90%
	318	School of Education Building - Planning	1,030,800	0	0	0			Complete	100%
	350	Effective Project Management		4,974,090	0	4,974,090	3,849,400		Ongoing	
	360	Inflation		39,206	0	39,206				

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Code	Item	Institution	Bond Bill Amount (\$)	Revised (w/transfers) Bond Amount (\$)	Non-Bond Amount (\$)	Revised Total Budget (\$)	Expended through 6/30/2006 Bonds (\$)	Expended through 6/30/2006 Other (\$)	Status	% Complete
		Western Carolina University	100,336,744	100,336,744	13,353,810	113,690,554	82,303,744	10,605,234		
40079	301	Academic Facilities – Humanities and Fine Arts	26,030,700	26,618,109	2,611,056	29,229,165	25,895,760	2,611,056	Construction	99%
	302	Stillwell Lab Building – Comprehensive Renovation	15,057,500	20,110,882	1,000,000	21,110,882	10,729,604	352,424	Construction	45%
	303	McKee Classroom Building – Comprehensive Renovation	5,289,700	6,569,890	0	6,569,890	6,309,781	0	Complete	100%
	304	Bird Building – Renovation and Conversion for Student Health Center	1,836,500	0	0	0	0	0	Complete	100%
	305	Conversion of Old Student Health Center to Residential and Academic Space	1,887,100	202,522	0	202,522	175,542	0	Cancelled	
	306	Breese Gymnasium – Conversion to Academic Use	1,161,300	1,250,260	0	1,250,260	1,187,399	0	Complete	100%
	307	Housing Facility for 300 Students	15,204,600	14,466,109	7,052,754	21,518,863	14,437,108	7,041,754	Complete	100%
	308	Chiller Replacement and CFC Retrofit	1,489,600	1,056,526	0	1,056,526	1,056,525	0	Complete	100%
	309	Infrastructure Improvements (Steam and Electrical)	10,639,000	10,886,386	2,690,000	13,576,386	10,660,461	600,000	Construction	85%
	310	Killian Clinic Annex – Comprehensive Renovation	3,129,900	0	0	0	0	0	Cancelled	
	311	Killian Education and Allied Professions Building – Partial Renovation	1,546,300	2,966,403	0	2,966,403	2,944,863	0	Complete	100%
	312	Forsyth Classroom and Computer Labs Building – Comprehensive Renovation	7,064,000	7,210,800	0	7,210,800	357,581	0	Design	15%
	313	Land Acquisition	3,093,000	3,148,447	0	3,148,447	3,148,446	0	Complete	100%
	314	Technology Infrastructure Expansion	5,018,600	4,082,670	0	4,082,670	4,066,782	0	Complete	100%
	315	Academic Facilities – Humanities and Fine Arts	1,888,944	0	0	0	0	0	Construction	99%
	350	Effective Project Management		1,767,740	0	1,767,740	1,333,892	0	Ongoing	
		Winston-Salem State University	46,786,581	47,106,581	2,271,660	49,378,241	45,636,791	2,270,889		
40082	301	Computer Science Facility – Replacement and Consolidation	11,643,300	10,872,523	700,000	11,572,523	10,867,674	700,000	Complete	100%
	302	Carolina Hall – Renovation and Conversion from Computer Center to Classrooms	4,270,700	4,067,333	0	4,067,333	3,907,605		Complete	100%
	303	Physical and Life Sciences Building – Replacement of Hill Hall	12,109,500	11,918,857	418,000	12,336,857	11,539,959	418,000	Complete	100%
	304	Anderson Center – Comprehensive Renovation and Change of Use for Early Childhood/Gerontology Programs	6,917,900	7,144,476	0	7,144,476	6,764,292		Construction	95%
	305	Health Center Building and Old Nursing Building – Comprehensive Renovation for Student Health	2,265,900	2,299,000	115,000	2,414,000	2,192,115	115,000	Construction	99%
	306	Replace Underground Steam and Hot Water Piping	1,249,500	1,674,287	0	1,674,287	1,190,000		Construction	94%
	307	Chilled Water Loop System (combined w/above)	435,000	0	0	0	375,783		Complete	100%
	308	Infrastructure Improvements	1,708,300	2,276,952	0	2,276,952	2,274,411		Complete	100%
	309	Technology Infrastructure Expansion	1,676,100	1,576,100	0	1,576,100	1,400,638		Construction	89%
	310	F. L. Atkins - Additions and Renovations	4,159,840	4,159,840	1,038,660	5,198,500	4,159,840	1,037,889	Complete	100%
	311	Computer Science Facility - Planning	350,541	0	0	0			Complete	100%
	312	Coltrane Hall - Renovation		0	0	0			Complete	100%
	313	New Facility for Early Childhood		0	0	0			Complete	100%
	350	Effective Project Management/Inflation		1,117,213	0	1,117,213	964,474		Ongoing	
		The University of North Carolina Affiliated Institutions	80,385,300	79,918,715	2,678,779	82,597,494	61,486,530	2,678,779		
						0				
40089	301	UNC Center for Public Television – Digital Conversion	64,995,000	64,995,000	1,490,754	66,485,754	47,659,086	1,490,754	Construction	70%
40089	302	UNC Center for Public Television – Mobile Satellite Uplink	895,600	895,600	0	895,600	889,847	0	Complete	100%
40069	301	North Carolina School of Science and Math – Comprehensive Renovation of Bryan Center	3,172,600	3,172,600	0	3,172,600	3,070,419	0	Complete	100%
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	100%
40090	303	North Carolina Arboretum in Asheville – Improvements to Facilities and Infrastructure to provide for Environmental Education and Economic Development Opportunities	9,331,700	8,865,115	335,000	9,200,115	7,876,778	335,000	Construction	85%
	350	Effective Project Management		466,585	0	466,585			Ongoing	
		The University of North Carolina - General Administration	3,051,200							

THE UNIVERSITY OF NORTH CAROLINA
2000 Higher Education Bond Program -- June 2006 Data - Attachment 2

Code	Item	Institution	Bond Bill Amount (\$)	Revised (w/transfers) Bond Amount (\$)	Non-Bond Amount (\$)	Revised Total Budget (\$)	Expended through 6/30/2006 Bonds (\$)	Expended through 6/30/2006 Other (\$)	Status	% Complete
40089	304	Reserve for Land Acquisition (transferred to NCSU)	3,051,200							
		The University of North Carolina – UNC Reserves	25,186,595	19,699,131		19,699,131				
40071	301	Reserve – For Repairs and Renovations and Cost Overruns	25,186,595	19,699,131	0	19,699,131				
		TOTALS	2,500,000,000	2,500,000,000	593,722,261	3,093,722,261	1,943,394,458	487,319,888		

THE UNIVERSITY OF NORTH CAROLINA
2000 Higher Education Bond Program - Attachment 3
Projects Starting Construction between July 1, 2005 and June 30, 2006

#	Campus	Code & Item	Project Name	Award Date	Beneficial Occupancy Date	Estimated Operating Costs First Full Year of Operation (\$)	Estimated* Annual Operating Costs Twenty-Year Average (\$)	Anticipated Source of Funds for Operating Costs
1	ECSU	40083-301	Lane Hall Classroom Building	03/14/06	08/31/07	\$68,269	\$97,886	General Fund
2	NCA&T	40087-314	Graham Hall Engineering Laboratory	04/25/06	01/22/07	\$0	\$0	
3	NCCU	40085-302	Farrison-Newton	07/14/05	01/31/06	\$0	\$0	
4	NCCU	40085-306	Eagleson Residence Hall	05/23/06	06/14/07	\$2,061,873	\$3,045,054	Receipts
5	NCSU	40074-302	Withers Hall - Comprehensive Renovation	09/06/05	11/29/06	\$281,306	\$415,444	General Fund
6	NCSU	40074-308	South Gardner Hall Laboratory Renovation	02/02/06	06/21/07	\$602,322	\$889,532	General Fund
7	NCSU	40074-309	Riddick Lab - Comprehensive Renovation	07/06/05	04/04/07	\$588,992	\$869,846	General Fund
8	NCSU	40074-316	Polk Hall Laboratory - Comprehensive Renovation	12/28/05	12/03/07	\$0	\$0	
9	NCSU	40074-319	Jordon Hall Lab and Classroom	10/19/05	02/26/07	\$571,196	\$843,564	General Fund
10	UNCA	40077-301	Science and Multimedia Building	10/24/05	06/04/07	\$648,098	\$957,136	General Fund
11	UNCA	40077-304	Zagier Hall Renovation	01/20/06	03/20/07	\$0	\$0	
12	UNC-CH	40073-302	Science Complex Ph II	04/11/06	06/21/07	\$4,184,104	\$6,179,248	General Fund
13	UNC-CH	40073-309	Smith Hall Renovation	01/16/06	07/13/07	\$32,842	\$48,502	General Fund
14	UNC-CH	40073-311	Hamilton Hall Classroom Renovation	10/25/05	08/30/07	\$0	\$0	
15	UNC-CH	40073-312	Gerrard Hall Classroom Renovation	01/03/06	07/12/07	\$27,649	\$40,833	General Fund
16	UNC-CH	40073-313	Howell Classroom Renovations	07/08/05	12/16/05	\$0	\$0	
17	UNC-CH	40073-314	Coker Hall Classroom Renovations	09/12/05	12/29/05	\$0	\$0	
18	UNC-CH	40073-315	Manning Classroom Renovations	12/09/05	11/20/07	\$0	\$0	
19	UNC-CH	40073-316	Fetzer Hall Classroom Renovation	11/09/05	07/21/06	\$0	\$0	
20	UNC-CH	40073-317	Greenlaw Classroom Renovation	11/08/05	09/27/07	\$0	\$0	
21	UNC-CH	40073-324	Student Academic Services Building	09/02/05	04/25/07	\$970,382	\$1,433,098	General Fund
22	UNC-CH	40073-335	Wilson Hall Laboratory Renovation	07/07/05	11/30/06	\$240,839	\$355,680	General Fund
23	UNCG	40075-310	McNutt Classroom Building Renovation	05/19/06	08/20/07	\$0	\$0	
24	UNCP	40081-317	General Purpose Classroom Building	12/19/05	05/02/07	\$344,044	\$508,097	General Fund
25	UNCP	40081-318	Belk and North Fire Suppression	10/14/05	08/08/06	\$0	\$0	
26	UNCW	30078-311	Kenan Auditorium - Comprehensive Renovation	03/01/06	09/12/06	\$0	\$0	
				Totals:		\$10,621,915	\$15,683,921	

* Estimated annual operating costs calculation assumes a 3% annual increase

\$0 in annual operating budget indicates an existing building whose operations are currently is funded

THE UNIVERSITY OF NORTH CAROLINA
2000 Higher Education Bond Program - Attachment 4
2005 Facilities Condition and Assessment Program (FCAP) Deficiency Figures as a Percentage of
Estimated Replacement Costs (ERC)

		Appropriated ERC	Appropriated FCAP *	PCT	Nonappropriated ERC	Nonappropriated FCAP *	PCT
#001	UNC-CH, Academic Affairs	\$ 1,212,815,637	\$ 144,770,496	11.9	\$ 345,392,048	\$ 86,743,403	25.1
#002	UNC-Charlotte	408,976,442	26,100,894	6.4	189,008,673	23,183,919	12.3
#003	UNC-Greensboro	338,819,022	40,341,737	11.9	115,264,587	39,153,678	34
#004	N.C. State University	1,505,400,131	72,249,716	4.8	469,728,665	34,979,633	7.4
#005	N.C. A & T State University	412,136,649	44,914,062	10.9	80,429,084	9,321,114	11.6
#006	Appalachian State University	381,034,036	35,379,820	9.3	173,900,562	29,210,271	16.8
#007	UNC-Asheville	164,767,535	12,661,711	7.7	50,726,454	830,183	1.6
#008	ECU, Academic Affairs	519,702,972	109,945,626	21.2	225,263,058	36,168,730	16.1
#009	Elizabeth City State University	94,469,941	20,142,305	21.3	30,533,622	19,549,465	64
#010	Fayetteville State University	84,075,151	7,762,836	9.2	34,146,473	9,789,314	28.7
#011	N.C. Central University	179,521,749	34,204,292	19.1	42,425,892	19,396,534	45.7
#012	UNC-Pembroke	159,344,954	9,471,481	5.9	13,181,615	3,420,781	26
#013	Western Carolina University	237,222,358	26,868,934	11.3	94,734,798	32,173,204	34
#014	UNC-Wilmington	238,838,930	18,926,372	7.9	56,537,880	11,389,837	20.1
#015	Winston-Salem State University	104,939,315	8,640,150	8.2	26,717,645	5,630,690	21.1
#016	N.C. School of the Arts	117,991,955	5,716,166	4.8	12,870,252	4,503,586	35
#017	UNC-CH, Health Affairs	905,223,029	64,428,216	7.1	472,845	74,901	15.8
#018	ECU, Health Affairs	179,243,795	7,631,142	4.3	7,090,304	325,239	4.6
#129	NCSU-Vet. School	93,942,488	2,382,630	2.5	-	22,050	0
#300	N.C. SCH. S&M	\$61,539,368	\$7,153,560	11.6	\$0	\$0	0
ALL UNC		\$ 7,400,005,457	\$ 699,692,146	9.5	\$ 1,968,424,457	\$ 365,866,532	18.6

* Provided by State Construction Office

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

Appalachian State University	3,132,800
Roof repairs and replacements	900,000
Roof replacement - Dougherty Library, Broyhill Music Center, Central Warehouse, Kerr Scott Hall	
Repairs and renovations to meet federal and state standards	20,000
Occupational Safety and Health Administration required storage room renovation - Kerr Scott Hall	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	827,000
Chilled water system upgrade - Broyhill Music, Farthing Auditorium, and Wey Hall	
Exhaust fan replacement - Rankin Science Building	
Air conditioning system upgrade- Raley Hall Computer Center	
Improvements to meet the requirements of the Americans with Disabilities Act	140,000
American with Disabilities Act and pedestrian safety improvement - Campus-wide	
Elevator upgrade - Rankin Science Building	
Improvements to meet fire safety needs	82,000
Fire alarm system improvement - Broyhill Music Center	
Improvements to existing facilities for energy efficiency	60,000
Window replacement - Old Belk Building	
Improvements and renovations to improve the use of existing space	330,000
First floor renovation - University Hall	
Flooring and wall finish replacement - Smith Wright Hall	
Improvements to roads, walks, drives and utilities infrastructure	598,800
Security improvement - Central Water Plant	
Walk replacement - Rankin Science	
Road and walk sign repair - Campus-wide	
Walk improvement - Joyce Lawrence Lane	
Road reconstruction - Dauph Blan Street, Locust Street	
Drainage and landscape improvements	175,000
Drainage system repair - Campus-wide	
Boone Creek Stabilization program	
Drainage system improvement - Hardin Street property	
East Carolina University	6,112,400
Roof repairs and replacements	804,700
Roof repair - Campus-wide	
Roof replacement - Speight Building, Joyner Library	
Structural repairs	284,500
Exterior building repair - Campus-wide	
Window replacement - Graham Building	
Repairs and renovations to meet federal and state standards	444,500
Elevator repair - Rivers Building, Howell East	
Emergency generator installation - Speight Building	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	2,988,800
Heating, ventilating and air-conditioning improvement - Joyner Library, Brody Medical Building, Jenkins Fine Arts Center, Howard House, Brewster Building	
Underground steam distribution system repair - Campus-wide	
Mechanical, electrical and plumbing system repair - Campus-wide	
Steam system improvement - Campus-wide	
Ultrapure water system upgrade - Health Sciences Campus	
Backflow preventer improvement - Campus-wide	
Security lighting improvement - Campus-wide	
Fuel tank farm piping replacement - Steam Plant	

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

East Carolina University (continued)

Improvements to meet fire safety needs	385,500
Department of Insurance required improvement - Campus-wide, Howell Science Complex, Wright Auditorium	
Fire alarm system improvement- Speight Building, Steam Plant	
Improvements to existing facilities for energy efficiency	56,500
Variable speed drives - Health Sciences Campus	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	20,000
Asbestos abatement -Campus-wide	
Improvements and renovations to improve the use of existing space	289,200
General repair - Health Sciences Campus	
Classroom repair - Campus-wide	
Restroom renovation - Mamie Jenkins Building	
Improvements to roads, walks, drives and utilities infrastructure	372,800
Road improvement - Ormond Way, Founders Drive, College Hill Drive	
Sewer infrastructure repair - Central Main Campus	
Drainage and landscape improvements	465,900
Drainage system repair - Umstead area, Lower Minges area	

Elizabeth City State University **1,375,800**

Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	450,000
Plumbing, heating, ventilating and air-conditioning repairs - Campus-wide	
Heating, ventilating and air-conditioning improvements - Campus-wide	
Electrical and data distribution system upgrades - Campus-wide	
Improvements to meet fire safety needs	415,000
Fire alarm system repair - Campus-wide	
Fire alarm system replacement - Moore Hall*	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	50,000
Hazardous material mitigation - Campus-wide	
Improvements and renovations to improve the use of existing space	360,000
Security upgrade - Campus-wide	
Program required renovation - Campus-wide	
Improvements to roads, walks, drives and utilities infrastructure	50,000
Road, walk and exterior lighting repair - Campus-wide	
Drainage and landscape improvements	50,800
Drainage system repair - Campus-wide	

Fayetteville State University **1,375,800**

Structural repairs	215,800
Exterior building repair – William Collins Building, G. L. Butler Building	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	205,000
Heating, ventilating and air-conditioning system improvement – Rosenthal Building	
Heating, ventilating and air-conditioning system replacement – Chestnutt Library	

**Facility not supported from the General Fund*

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

Fayetteville State University (continued)

Improvements to meet the requirements of the Americans with Disabilities Act	150,000
Restrooms accessibility improvement - Campus-wide	
Improvements to meet fire safety needs	370,000
Fire alarm system replacement - School of Business and Economics	
Fire sprinkler system installation - Residence halls*	
Improvements to existing facilities for energy efficiency	60,000
Energy efficient lighting installation - Campus-wide	
Improvements to roads, walks, drives and utilities infrastructure	375,000
Walk replacement - Campus-wide	
Parking lot repair - Campus-wide*	
Emergency call box system and exterior lighting replacement - Campus-wide	

North Carolina Agricultural and Technical State University **2,916,100**

Roof repairs and replacements	175,000
Roof replacement - Frazier Hall	
Roof repair - Campus-wide	
Structural repairs	60,000
Structural repair study - Neal Steam Plant, Fort Building	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	1,247,421
Heating, ventilating and air-conditioning system improvement - Benbow Hall, Frazier Hall	
Plumbing system repair and upgrade - Bluford Library, Campbell Hall, Carver Hall, Hines Hall, Hodgin Hall, McNair Hall, Noble Hall	
Electrical system upgrade - Dudley Building, Frazier Hall	
Water main piping replacement - Dudley Building, Frazier Hall, Noble Hall	
Improvements to meet the requirements of the Americans with Disabilities Act	100,000
American with Disabilities Act and pedestrian safety improvement - Campus-wide	
Improvements to meet fire safety needs	212,100
Fire alarm system upgrade - Brown Hall*, Frazier Hall*, Bluford Library	
Improvements and renovations to improve use of existing space	671,479
Academic accreditation required renovation - Frazier Hall, Ward Hall, Dudley Building	
Interior renovation - Campus-wide	
Improvements to roads, walks, drives and utilities infrastructure	450,100
Road improvement - Campus Wide	
Exterior lighting improvement - Campus-wide	
North Carolina Central University	1,715,300
Roof repairs and replacements	450,000
Roof replacement - Robinson Science Building	
Roof repair - Campus-wide	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	1,063,300
Heating, ventilating and air-conditioning system repair - Walker Complex, Robinson Science Building, Miller-Morgan Building, Shepard Library	
Electrical system repair - Campus-wide, Robinson Science Building, Taylor Education Building, Walker Complex, Student Health Building	
Improvements to roads, walks, drives and utilities infrastructure	202,000
Road and walk improvement - Campus-wide	

**Facility not supported from the General Fund*

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

North Carolina School of the Arts	1,375,800
Roof repairs and replacements	25,000
Roof repair - Campus-wide	
Structural repairs	24,300
Exterior building repair – Pierce Building	
Repairs and renovations to meet federal and state standards	68,200
Emergency exit lighting improvement - Campus-wide	
Department of Insurance required improvement - Dorm 6A, Dorm 6B	
Occupational Safety and Health Administration required dust collection system improvement - Physical Plant Building	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	248,300
Heating, ventilating and air-conditioning system replacement - Performance Place, Workplace West Building	
Improvements to meet the requirements of the Americans with Disabilities Act	12,800
American with Disabilities Act and pedestrian safety improvement - Campus-wide	
Improvements to meet fire safety needs	487,000
Fire sprinkler system installation - Moore Residence Hall*, Sanford Residence Hall*, Dorms 6a, 6b, 6c, 6d, 6e, 6f*	
Improvements to existing facilities for energy efficiency	136,200
Window repair and replacement - Film School Building, Administrative Building, Transmission Shop	
Energy conservation projects - Campus-wide	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	75,000
Hazardous material mitigation - Campus-wide	
Improvements and renovations to improve the use of existing space	150,000
Classroom improvement - Campus-wide	
Interior renovation - Workplace Building, Administration Building	
Improvements to roads, walks, drives and utilities infrastructure	149,000
Road, walk and drive repair - Campus-wide	
Utility infrastructure study - Workplace Building area	
Water infrastructure capacity upgrade - Campus-wide	
North Carolina State University	9,609,100
Roof repairs and replacements	775,000
Roof replacement - Textiles Building, Erdahl-Cloyd Building, Broughton Hall	
Roof repairs - Campus-wide	
Structural repairs	40,000
Exterior building repair – Erdahl-Cloyd Building	
Repairs and renovations to meet federal and state standards	30,000
Department of Environment and Natural Resources required stormwater quality equipment improvement	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	2,644,100
Heating, ventilating and air-conditioning system improvement - Peele Hall, Robertson Hall, Page Hall, Partners II, Environmental Health and Safety Building, Biological Resources Facility	
Heating, ventilating and air-conditioning system repair - Campus-wide	
HVAC Controls Upgrade - Campus-wide	
Electrical repair - Campus-wide	
Elevator repair and replacement - Campus-wide	
Chilled water system piping replacement - Daniels Hall	
Boiler control upgrade - Cates/Yarbrough Steam Plant	

**Facility not supported from the General Fund*

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

North Carolina State University (continued)

Improvements to meet the requirements of the Americans with Disabilities Act	150,000
American with Disabilities Act and pedestrian safety improvement - Campus-wide	
Improvements to meet fire safety needs	210,000
Fire alarm system repair - Campus-wide	
Improvements to existing facilities for energy efficiency	1,465,000
Energy and water conservation projects - Campus-wide	
Window repair and replacement - Campus-wide	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	80,000
Asbestos abatement - Campus-wide	
Improvements and renovations to improve the use of existing space	630,000
Program accreditation and compliance repair - Animal facilities	
Classroom renovation - Campus-wide	
Interior renovation - Campus-wide	
Facility renovation - 4-H Camps (State owned)	
Improvements to roads, walks, drives and utilities infrastructure	3,485,000
Road repair - Campus-wide	
Exterior lighting replacement - Campus-wide	
Central utility infrastructure improvement - Connection of campus chilled water loops	
Water infrastructure replacement - Campus-wide, Method Road Booster Station	
Utility infrastructure relocation - Campus-wide	
Steam infrastructure replacement - Main Campus	
Electrical infrastructure improvement - Sullivan Substation	
Drainage and landscape improvements	100,000
Drainage system repair and improvement - Campus-wide	
The University of North Carolina at Asheville	1,375,800
Roof repairs and replacements	685,000
Roof replacement - Rhoades Hall, Robinson Hall, Phillips Hall	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	296,000
Electrical distribution system replacement - Campus-wide	
Cooling tower replacement - Owen Hall	
Air-conditioning system replacement - Robinson Hall Computer Center	
Improvements to existing facilities for energy efficiency	70,000
Heating, ventilating and air-conditioning controls replacement - Lipinskly Hall	
Chiller replacement - Weizenblatt Health Center	
Improvements and renovations to improve the use of existing space	10,000
Facility improvement - Riverside Warehouse	
Improvements to roads, walks, drives and utilities infrastructure	234,000
Road improvement - Founders Drive	
Road improvement (Design) - University Heights	
Drainage and landscape improvements	80,800
Drainage system repair and landscaping improvement - Informal Quad	

The University of North Carolina at Chapel Hill **13,275,900**

Roof repairs and replacements	2,146,000
Roof replacement - Abernethy Hall, Walter Davis Library, Carroll Hall, Dental Office Building, Frances Owen Research Laboratory, Wilson Hall, New East	
Roof repair - Campus-wide	
Structural repairs	425,000
Exterior building repair - Davis Library, Phillips Annex	
Structural repair study - Manning Hall, Alumni Hall	

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

The University of North Carolina at Chapel Hill (continued)

Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	7,610,000
Heating, ventilating and air-conditioning system improvements - Coates Building, 208 West Franklin, Battle Hall, Vance Hall, Pettigrew Hall, Swain Hall, Medical School Building	
Plumbing system piping and fixture replacement - Hanes Hall	
Electrical, heating, ventilating and air-conditioning system improvements - Rosenau Hall	
Heating, ventilating and air-conditioning system replacement (Advance Planning) -Friday Center, Carrington Hall, Hanes Art Center, Phillips Hall	
Heating, ventilating and air-conditioning system replacement -Hill Hall	
Elevator replacement - MacNider Hall, Greenlaw Hall, Brinkhous-Bullitt Building	
Emergency generator exhaust stack improvements (Advanced Planning) - Mary Ellen Jones Building Requirements	
Electrical switchgear replacement - Hamilton Hall	
Emergency generator replacement - MacNider Hall	
Plumbing, mechanical and electrical improvements (Advanced Planning) - Smith Hall	
Electrical, heating, ventilating and air-conditioning system improvements - Campus YMCA Building	
Mechanical and electrical improvements - Taylor Hall Laboratories, McGavran-Greenberg Laboratories	
Improvements to meet the requirements of the Americans with Disabilities Act	350,000
American with Disabilities Act and pedestrian safety improvements - Campus-wide	
Improvements to meet fire safety needs	229,900
Fire alarm system replacement - Hickerson House, Coates Building	
Emergency exit lighting replacement - Coates Building, G.F. Horney Building, Art Studio, Lineberger Cancer Research Center	
Fire sprinkler system replacement - Carolina Living & Learning Center	
Improvements to existing facilities for energy efficiency	750,000
Window replacement - Peabody Hall	
Improvements and renovations to improve the use of existing space	350,000
Interior renovation - Memorial Hall	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	25,000
Underground storage tank removal - Fordham Hall	
Improvements to roads, walks, drives and utilities infrastructure	1,390,000
Road improvement - Extends Blythe Drive to Hibbard Drive	
Water infrastructure improvement - Arts Common area	
Walk improvement - Raleigh Street	

The University of North Carolina at Charlotte	2,971,600
Roof repairs and replacements	768,600
Roof replacement - Smith Building, Academic Complex, Kennedy Building	
Structural repairs	415,000
Exterior building repair - Burson Building	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	155,000
Electrical distribution system panel replacement - Academic Complex	
Improvements to meet the requirements of the Americans with Disabilities Act	110,000
Entrance accessibility improvements - Campus-wide	
Improvements to meet fire safety needs	800,000
Fire sprinkler system installation - McEniry Building	
Improvements to roads, walks, drives and utilities infrastructure	723,000
Electrical infrastructure improvement - Extend campus service to new substation location	

The University of North Carolina at Greensboro	3,604,100
Roof repairs and replacements	855,000
Roof repair - Campus-wide	
Roof replacement - Mossman Building, Grounds & Vehicle Shop	

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

The University of North Carolina at Greensboro (continued)

Structural repairs	525,000
Exterior building repair - Carmichael Building, Stone Building, Graham Building	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	50,000
Heating, ventilating and air-conditioning repair - Campus-wide Repairs	
Improvements to meet the requirements of the Americans with Disabilities Act	180,000
American with Disabilities Act and pedestrian safety improvement - Campus-wide	
Improvements to meet fire safety needs	765,000
Fire alarm system replacement - Mossman Building, Moore Building, Graham Building	
Fire door replacement - Foust Building	
Improvements to existing facilities for energy efficiency	150,000
Lighting replacement - McIver Building	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	25,000
Asbestos abatement - Campus-wide	
Improvements and renovations to improve the use of existing space	654,000
Building renovation - McNutt Building	
Classroom and Office renovation - Campus-wide	
General repair - Campus-wide	
Improvements to roads, walks, drives and utilities infrastructure	300,000
Exterior lighting upgrade - Campus-wide	
Steam infrastructure system improvement study	
Road repair - Campus-wide	
Drainage and landscape improvements	100,100
Landscape replacement - Campus-wide	
Drainage system improvements - Curry Building Pedestrian Mall	

University of North Carolina Pembroke **1,375,800**

Structural repairs	125,800
Exterior building repair - Jones Health & Physical Education Center	
Repairs and renovations to meet federal and state standards	315,000
Building code improvement - Campus-wide	
Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems	635,000
Waterline repair - Campus-wide	
Lighting replacement - Jones Health & Physical Education Center	
Lighting upgrade - Givens Performing Arts Center	
Heating, ventilating and air-conditioning system controls upgrade - Givens Performing Arts Center, Chavis Center	
Heating, ventilating and air-conditioning system replacement - Auxiliary Gym	
Loading dock leveler - Givens Performing Arts Center	
Emergency generator installation - Chavis Center, Chancellor's Residence	
Improvements and renovations to improve the use of existing space	200,000
Classroom renovation - Campus-wide	
Improvements to roads, walks, drives and utilities infrastructure	100,000
Walk repair - Campus-wide	

The University of North Carolina at Wilmington **1,697,400**

Roof repairs and replacements	475,000
Roof replacement - Kenan Auditorium	
Roof repair - Randall Library	
Structural repairs	120,000
General repair - Randall Library, Kresge Greenhouse	
Exterior building repair - Campus-wide	

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

The University of North Carolina at Wilmington (continued)

Repairs and renovations to meet federal and state standards 160,000

United States Department of Agriculture required laboratory improvement - Social and Behavioral Sciences
Department of Environment and Natural Resources required stormwater system repair - Campus-wide

Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems 195,000

Electrical system repair - Natatorium
Electrical system replacement - Center for Marine Science Pier
Mechanical system repair - Campus-wide

Improvements to meet fire safety needs 551,400

Fire alarm system replacement - Trask Coliseum Complex, Cameron Hall*, Physical Plant Annex
Fire alarm system repair - Campus-wide
Fire door replacement - Warwick Center

Improvements to roads, walks, drives and utilities infrastructure 196,000

Water infrastructure improvement - Install booster pump system
Road and walk repair - Campus-wide
Exterior lighting improvement - Campus-wide

Western Carolina University 1,743,000

Improvements and renovations to improve the use of existing space 243,000

Interior renovation - Campus-wide

Improvements to roads, walks, drives and utilities infrastructure 1,500,000

Steam infrastructure replacement - Forsyth Building to Dodson Cafeteria to Scott Residence Hall

Winston-Salem State University 1,375,800

Roof repairs and replacements 160,000

Roof replacement - O'Kelly Library

Repairs and renovations to meet federal and state standards 50,000

Department of Environment and Natural Resources required wastewater piping improvement - Heating Plant

Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems 220,800

Heating, ventilating and air-conditioning system replacement - Fine Arts Building
Heating system stack repair - Heating Plant

Improvements to meet the requirements of the Americans with Disabilities Act 190,000

American with Disabilities Act and pedestrian safety improvement - Campus-wide
Restroom accessibility renovation - Old Nursing Building

Improvements to meet fire safety needs 165,000

Fire alarm system replacement - R.J. Reynolds Building

Improvements to roads, walks, drives and utilities infrastructure 590,000

Electrical infrastructure improvement - Completion of campus high voltage loop
Storm and Sewer infrastructure repair Campus-wide
Steam infrastructure replacement - Thompson Center to Pegram Residence Hall

SPECIAL PROVISIONS AND AFFILIATES 2,467,500

Fayetteville State University 700,000

Repair and reconstruction of the chancellor's residence (per section 30.6.(c) of S.L. 2005-276)

The University of North Carolina Center for Public Television 500,000

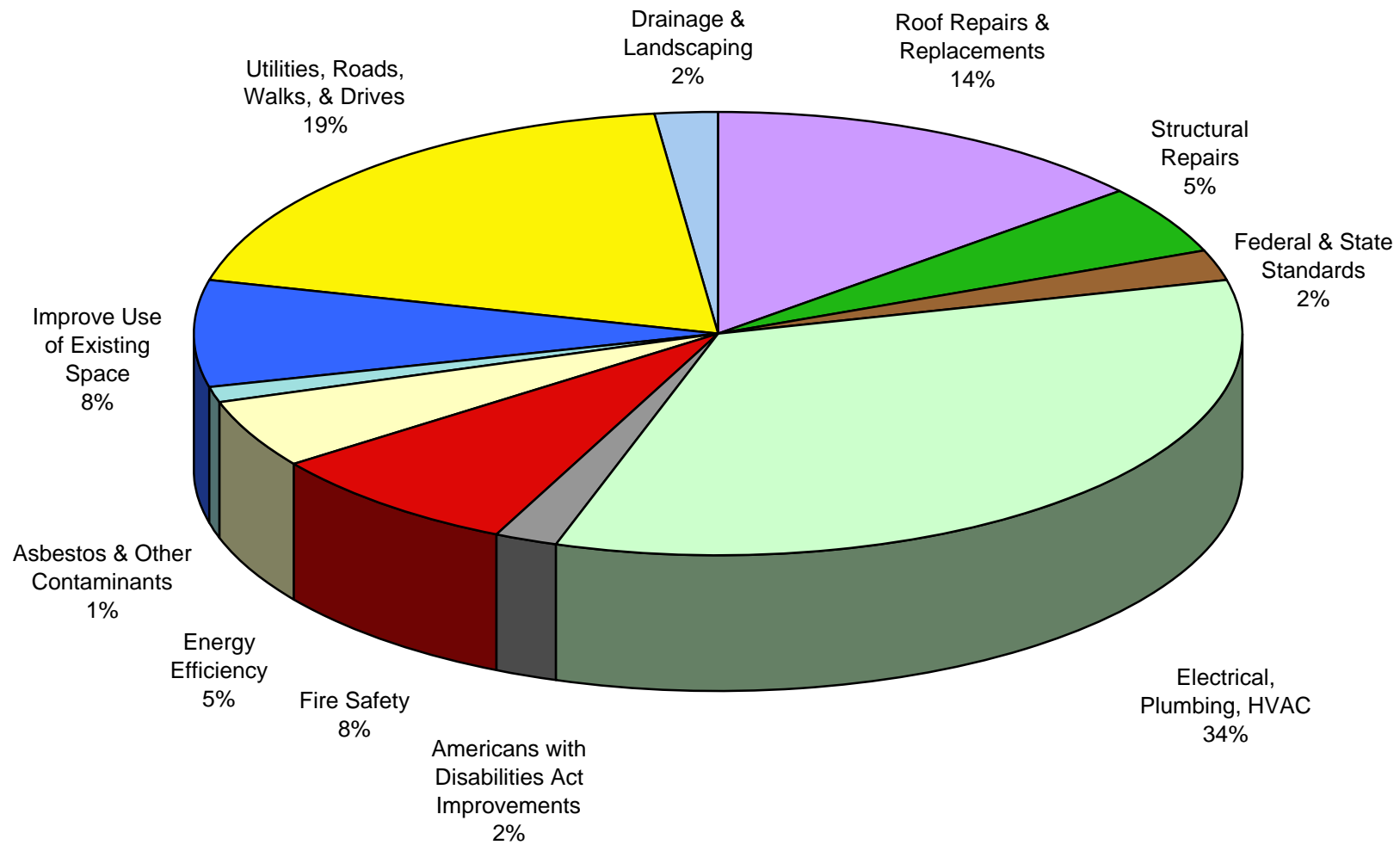
Roof replacement at Roanoke Rapids & Asheville and repairs center-wide
Repairs to electrical, plumbing and air-conditioning systems center-wide
Repairs to access roads at Lumberton, Concord & Sauratown & other transmitter/translator sites

**Facility not supported from the General Fund*

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations Projects - Attachment 5

The North Carolina Arboretum	200,000
Repair stonework in Visitor Center Entry plaza	
Repair main entry road	
Replace and reseal Greenhouse glazing	
 North Carolina School of Science and Mathematics	 820,000
Extend campus chilled water system	
Watts Hall roof replacement and exterior repairs	
Roof repairs – Campus-wide	
Laboratory safety improvements	
Asbestos and lead-based paint removal	
Assembly Hall repairs	
Exterior wall repairs and waterproofing - Campus-wide	
 Highlands Biological Station	 75,000
Structural repairs and waterproofing	
 North Carolina State Educational Assistance Authority	 103,500
Structural repairs and waterproofing	
 General Administration	 69,000
Renovation for better use of space	
Repair of south parking lot	
 Grand Total	 \$ 57,500,000

THE UNIVERSITY OF NORTH CAROLINA
2005 Repairs and Renovations by Category - Attachment 6



THE UNIVERSITY OF NORTH CAROLINA
2006 Repairs and Renovations Allocations - Attachment 7

Allocations Prior to Applying the Formula:

The University of North Carolina Center for Public Television

Roof replacement - Bryan Center	\$600,000
Roof Repairs - Network-wide	\$75,000
Heating, Ventilating and Air-conditioning System Replacement - Concord, Farmville	\$40,000
Elevator Repairs	\$40,000
Electrical Distribution Improvements - Bryan Center	\$75,000

The University of North Carolina--General Administration

Electrical Infrastructure Improvements – Connection to UNC-CH Electrical Distribution System	\$244,727
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The North Carolina Arboretum

Improvements to Smoke Detectors/Fire Alarms	\$35,000
Replace Chiller, Install New Controls System, and Electrical Repairs – Visitor Education Center	\$270,000
Energy Conservation Measures	\$55,000
Repairs/Renovations – Visitor Education Center, Support Facilities, and Outdoor Classrooms	\$110,000

Highlands Biological Station

Fire Alarm System Improvements - Valentine Residence Hall, Coker Building, Biodiversity Lab, Howell Cottage, Nature Center, Weyman Dining Hall, Wright-Deacon Cottage	\$81,000
Sewer Infrastructure Replacement	\$350,000

North Carolina Center for the Advancement of Teaching

Boiler Replacement	\$100,000
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Elizabeth City State University

Parking and Road Repairs and Improvements - Supplement	\$720,000
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North Carolina Central University

Replacement and Repair of Steam Lines and Steam Tunnels	\$3,484,900
Replacement and Repair of Steam Lines and Steam Tunnels - Supplement	\$1,300,000

The University of North Carolina at Asheville

Repair and Renovation Projects at Rhodes Hall - Supplement	\$280,000
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North Carolina School of Science and Mathematics

Sprinklers – Residential Areas	\$925,000
Electronic Access System Upgrades for Student Safety	\$350,000
Infrastructure Repairs and Upgrades	\$483,500
Chilled Water System (Phase II)	\$455,800
Exterior and Interior Repairs – Watts Hall and Hill House	\$150,000
Science Lab Repairs and Upgrades	\$30,000

Sub-Total – Allocations Prior to Applying the Formula	\$ 10,254,927
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Allocations Applying the Formula:

Appalachian State University	\$4,907,000
East Carolina University	\$10,031,200
Elizabeth City State University	\$2,394,300
Fayetteville State University	\$2,394,300
North Carolina A&T State University	\$4,880,700
North Carolina Central University	\$2,915,100
North Carolina School of the Arts	\$2,394,300
North Carolina State University	\$20,353,100
The University of North Carolina at Asheville	\$2,394,300
The University of North Carolina at Chapel Hill	\$21,496,000
The University of North Carolina at Charlotte	\$5,060,700
The University of North Carolina at Greensboro	\$5,496,600
The University of North Carolina at Pembroke	\$2,394,300
The University of North Carolina at Wilmington	\$2,971,400
Western Carolina University	\$3,292,900
Winston-Salem State University	\$2,394,300

Sub-Total – Campus Allocations	\$ 95,770,500
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TOTAL ALLOCATIONS	\$ 106,025,427
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THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

Appalachian State University	38,535,000
Roof repairs and replacements	1,200,000
Kerr Scott Hall, Founders Hall, University Hall, Water Plant, and Raley Hall	
Structural repairs	3,200,000
Exterior Wall Repairs – Varsity Gymnasium, Wey Hall, Kerr Scott Hall, and Kidd Brewer Stadium	
Masonry Repairs and Waterproofing – Raley Hall, Wey Hall, Farthing Auditorium, Belk Library, and D.D. Dougherty Hal	
Repairs and renovations to meet federal and state standards	3,975,000
Water Distribution System Repair and Replacemen	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	5,550,000
Replace Transfer Switch and Generator – Sanford Hall	
Upgrade Electrical System – Physical Plant Administration Building	
Replace HVAC System – Farthing Auditorium	
Replace Lighting Systems –Farthing Auditorium, Broyhill Music Building, Sanford Hall, Belk Library, Kerr Scott Hall, and Raley Hal	
Replace HVAC System– Sanford Hal	
Replace HVAC System – Belk Library	
Improvements to meet the requirements of the Americans with Disabilities Act	4,600,000
Elevator Additions/Upgrades for Farthing Auditorium, Kidd Brewer Stadium, Wey Hall, Sanford Hall and Raley Hal	
Rivers Street Pedestrian Bridges	
Improvements to meet fire safety needs	5,060,000
Install Sprinkler Systems – B.B. Dougherty, Walker Hall, Kerr Scott Hall, Wey Hall, Sanford Hall, Broyhill Music Building, Raley Hall, Farthing Auditorium, University Hall, and Rankin Science Building (old)	
Install Addressable Fire Alarm Systems – Broyhill Music Building and Raley Hall	
Improvements to existing facilities for energy efficiency	1,850,000
Chiller Replacements – Broyhill Continuing Education Center, Wey Hall, and Raley Hall	
Window Replacements – Kerr Scott Hall, Sanford Hall, Comprehensive Clinic, and University Hal	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	1,800,000
Underground Storage Tank Removal/Replacemen	
Asbestos Abatement Program Continuation (campus wide); Black mold mitigation (campus wide)	
Improvements and renovations to improve use of existing space	3,550,000
Classroom Upgrades – Campus-wide	
Improvements to roads, walks, drives, utilities infrastructure	3,500,000
Campus Streets and Walks Repairs and Replacements	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

Appalachian State University (continued)

Drainage and landscape improvements 4,250,000

Major Stream Restoration – Campus-wide Landscape Improvement;
Flood Mitigation
Replacement and Upgrade of Storm Drainage System – Campus-wide

East Carolina University 61,635,000

Roof repairs and replacements 3,533,000

Roof Replacements on Health Sciences Campus – Brody, Biotech,
Lakeside Annexes 4 & 5, MRI, Utility Plant, West Academic
Building, Leo Jenkins, Pavilion
Roof Repairs and Replacements on Main Campus – Ragsdale,
Spilman, Messick, Rawl, Joyner Library, Ward Sports
Medicine, Irons, Willis, Speight

Structural repairs 8,865,000

Masonry Repair and Building Envelope Repairs on Main
Campus – Brewster, Howell, Fletcher Music, Austin,
Speight, Rawl, Bate, Jenkins Art
Masonry Repair and Building Envelope Repairs on Health
Sciences Campus
Window Replacements – Whichard, Graham, Messick, Bloxton,
Eller, and Mamie Jenkins
Floor/Roof Repairs – Main Campus Steam Plant
Repair Ceiling – Wright Auditorium

Repairs and renovations to meet federal and state standards 117,000

Sewer Cross Connection Repairs

**Repairs to electrical, plumbing and heating, ventilating,
and air-conditioning systems 39,310,000**

Building HVAC Repairs on Main Campus – Fletcher Music Recital
Hall, Brewster, Austin, McGinnis, Cotanche, Ragsdale, Jenkins
Art, Speight, Wright, Wright Annex, Rawl, Spilman, Joyner West
Steam Distribution System Repairs
Steam Distribution System Replacement – Bate to River
Steam Distribution System – New Steam Lines
Steam Plant Fuel Oil Tank Replacement
Electrical Distribution Upgrades – Phase III
Upgrade Elevators – Health Sciences Campus
Elevator Repairs – Main Campus – Brewster, Howell
Campus Backflow Preventer Installations
Campus Building Plumbing Repairs – Ragsdale, Wright,
Chancellor's Residence, Spilman, Graham, Minges,
Warehouse, Mamie Jenkins, Rawl, Fletcher Music, Howell
HVAC Upgrades – Health Sciences Campus
Upgrade Chillers – Health Sciences Campus
Lighting Safety Improvement – Mall Area
Building Electrical Repairs – Austin, McGinnis, Jenkins Art,
Brewster, Spilman, Eller, Mamie Jenkins, Whichard,
Warehouse, Taylor-Slaughter, and Irons
Upgrade No. 1 Boiler – Health Sciences Campus
Electrical Upgrades – Health Sciences Campus

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

East Carolina University (continued)

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

Emergency Generator Upgrades – Health Sciences Campus
Connect to Central Chilled Water Plant – Brewster, Austin,
Speight, McGinnis, Rawl, Whichard, Wright, Spilman, Graham
Central Chiller Plant – Chiller Additions
Replace Chilled Water Coils – Health Sciences Campus
Upgrade Ultrapure Water System – Health Sciences Campus
Replace Heat Wheels – Health Sciences Campus

**Improvements to meet the requirements of the Americans with
Disabilities Act** **2,277,000**

Elevator Additions – Graham, Spilman, Ragsdale, Whichard

Improvements to meet fire safety needs **2,246,000**

DOI Renovations – Graham, Spilman, Ragsdale, Eller, Taylor–
Slaughter, Messick, Fletcher Music
Install Fire Alarms – Graham, Speight
Upgrade Fire Alarm System to Addressable – Health Sciences
Campus
ADA/DOI Upgrades – Health Sciences Campus
Fire Sprinkler System Installation – Fletcher Music, McGinnis, Old
Cafeteria, Wright Annex, Materials Management, Irons

Improvements to existing facilities for energy efficiency **200,000**

Upgrade of Lighting and Equipment for Energy Efficiency

**Improvements to remove asbestos, lead paint, and other
contaminants, including the removal and replacement of** **150,000**

underground storage tanks

Asbestos Removal

Improvements and renovations to improve use of existing space **2,671,000**

Upgrade Classrooms – Health Sciences Campus
Renovate Brody Auditorium – Health Sciences Campus
Security Upgrades – Health Sciences Campus
Upgrade Academic Buildings – Health Sciences Campus
Electronic Door Access Project

Improvements to roads, walks, drives, utilities infrastructure **836,000**

Repaving of Founders Drive, Ormond Way, Minges Service Drive,
Faculty Way, Steam Plant Service Drive, Willis Service Drive,
Duncan Court, Dowell Way, Tyler/Belk Drive, Trustees Way,
Chancellors Way, Beckwith Drive, Ficklen Drive, Leary Court,
Warehouse Service Drive
Remove Alumni Drive – Flanagan

Pavement Replacement and Repair – Health Sciences Campus

Drainage and landscape improvements **1,430,000**

Repair/Replace Storm Drains – Spilman/Bate, Wright/
Ragsdale, Brewster, Cotton, Slay, Austin, McGinnis,
Garrett, Harrington Field
Stormwater Retention Pond Remediation – Health Sciences Campus
Repair Lake Laupus Area
10th Street North – Pedestrian Crossing

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

Elizabeth City State University	17,221,000
Roof repairs and replacements	984,000
Roof Replacement – Vauhgan – Gym Area	
Replace Miscellaneous Small Building Roofs	
Replace Little Library Roof – Stacks Area	
Replace Roofs – Thorpe & Griffin	
Structural repairs	2,115,000
Replace Exterior Entrance Doors – 7 Buildings	
Repair and Replace Gymnasium Bleachers	
Repair Steel Substructure – Roebuck Stadium	
Brick Repointing – 6 buildings	
Replace Roofing & Siding – Herrington House	
Structural Reinforcement – Farm House	
Replace Floor coverings – Ongoing Project	
Replace Skylights – Griffin Hall	
Repairs and renovations to meet federal and state standards	221,257
Correct Miscellaneous Immediate Deficiencies – Various Buildings	
Replace Exit/Egress Lighting, Various Buildings	
Replace Stair Treads	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	4,035,949
Replace High Voltage Switches North Loop	
Renovate Laboratory Exhaust Systems, Jenkins Science Center	
Extend Chill-Hot Water Loop to Library and J.R. Jenkins	
Repair Campus Water System Cutoff Valves	
Upgrade Plumbing Pipes in Moore Hall	
Replace Old Sections of High Voltage Cable	
Replace High Voltage Switches – South Loop	
Replace Boiler – Thomas Jenkins	
Replace Sanitary Sewer Lines – Various	
Emergency Generator Repair and Replacement	
Emergency Generator – Phone and Computer Hub – Dole	
Replace Cooling Tower – Dixon	
Replace Water Source Heat Pumps – Griffin	
Water Conserving Plumbing Fixtures	
Various HVAC, Plumbing, Electrical Repairs	
Improvements to meet the requirements of the Americans with Disabilities Act	535,653
Whole Campus ADA Compliance	
Replace Building Signage for ADA	
Curb and Sidewalk Handicap Access	
Additional Elevator – Moore Hall	
Improvements to meet fire safety needs	680,345
Install Sprinkler System – Moore Hall	
Construct Paint Storage Locker – Thomas Jenkins	
Replace Fire Alarm System, Little Library	
Install Sprinkler System, Little Library	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

Elizabeth City State University (continued)

Improvements to existing facilities for energy efficiency	1,029,874
Install Electric Metering	
Upgrade E-City Generator for Load Shedding	
Install Insulated Glass – Various Older Buildings	
Systematic Upgrade of Exterior Lighting	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	590,000
Buried Tank Replacement and Remediation	
Hazard Material and Hazard Waste Storage Area	
Removal of Asbestos As Discoverec	
Floor Tile Removal	
Improvements and renovations to improve use of existing space	2,836,954
Upgrade Various Classrooms	
Renovate ROTC Building	
Rehabilitate Technology Labs – Dixon Hal	
Relocate Radio Station and Tower	
Expand Card Key Access to Academic Building	
Continue Upgrade and Standardization of Locksets	
Laboratory Modifications – Changing Curriculum	
Faculty Office Upgrades – Moore Hall & Other	
Renovate Auditorium – Moore Hall	
Improvements to roads, walks, drives, utilities infrastructure	2,765,000
Extend Campus Wall – Herrington	
Upgrade Sewage Lift Stations	
Expand Griffin Parking Lot	
Expansion of Fine Arts Parking	
Construct Parking – Human Resources	
Rebuild Parking Lots – Dixon & Thomas Jenkins	
Replace Constricted Water Lines	
Extend Campus Wall – Parkview	
Pave Student Parking – Roebuck	
Install New Campus Directional Signage	
Construct Sidewalks – South Campus Realignment	
Drainage and landscape improvements	1,426,969
Various Repairs, Roebuck Stadium	
Exterior Lighting Replacements	
Resurface Running Track	
Install Final Storm Drainage Detention	
Culvert and Storm Drainage Replacement and Repair	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

Fayetteville State University	16,068,000
Roof repairs and replacements	1,800,000
Roof Repairs and Replacements – Bryant Hall, Harris Hall, Smith Hall, Telecommunications Building, Residence Hall, School of Business and Economics, Vance Hall, Taylor Science Building, Storage Building, Rosenthal Building, Helen Chick Building, and Lilly Gymnasium	
Structural repairs	610,000
Repair Spalling Concrete Walkways – Vance Hall	
Repair Damaged Stair Towers and Brick – G.L. Butler Building	
Repair Spalling Concrete Roof Tees – Women's Gym	
Repair Spalling Walkway Connector – Bryant Hall	
Exterior Brick, Masonry Repairs, and Waterproofing – Barber Building, Collins Building, and G. L. Butler Building	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	2,395,000
Chiller Replacements – School of Business and Economics	
HVAC System Replacement – Taylor Science Building	
HVAC System Replacement – Continuing Education Building	
Install Return Air System – Rosenthal Building	
Install New Chiller – Collins Building and Chesnutt Library	
Install New Air Handling Units – Helen Chick Building	
Install New Plumbing – Bryant and Vance Halls	
Remove Sinks From Student Rooms – Smith and Joyner Hall	
Install Pressure Reducing Valves – Selected Buildings	
Improvements to meet the requirements of the Americans with Disabilities Act	665,000
Update ADA Study Based on Code Revisions	
Install Elevators – Collins Building, Bryant Hall, Vance Hall, Joyner Hall, Smith Hall, Harris Hall, and Hood Hall	
Modify Restrooms to Provide Accessibility	
Modify Drinking Fountains	
Improvements to meet fire safety needs	1,650,000
Sprinkler System Installations – Helen Chick and Lyons Science Buildings	
Replace Fire Alarms – Lyons Science Building	
Replace Fire Alarms – School of Business and Economics	
Install Central Monitoring System for Fire Alarms and Connect all Campus Buildings	
Sprinkler Installations – 2 Residence Halls	
Improvements to existing facilities for energy efficiency	808,000
Expand and Upgrade Energy Management System	
Install Lighting Control Systems and Energy Efficient Lighting	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

Fayetteville State University (continued)

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
Lead Paint Abatement – Joyner, Smith, Harris, and Hood Hall
Miscellaneous Asbestos Abatement
Construct Environmentally Compliant Vehicle Wash Rack

Improvements and renovations to improve use of existing space **3,125,000**

Upgrade Interior and Exterior Signage
Interior Renovations – Telecommunications Building, Helen
Chick Building, School of Business and Economics, G. L. Butler
Building, Rosenthal Building and Facilities Maintenance Building
Renovate Interior Space – Lyons Science Building
Renovate Interior Space – Mitchell Building

Improvements to roads, walks, drives, utilities infrastructure **3,380,000**

Waterline Extension and Replacement
Install Back Flow Prevention
Gas Main Repairs – Replace Cathodic Protection Device
Electrical System Upgrades
Utility Relocations
Replace Concrete and Brick Walkways
Parking Lot Expansion – Various
Overlay Parking Lot K
Emergency Generators – Student Center Dining Facility, Butler
Building, Chestnut Library, Telecommunication Building,
Spaulding Infirmary and Residence Halls
Exterior Lighting Improvement
Demolish Police and Public Safety Building
Construct Road Section to Connect Library to Langdon Street
Upgrade and Replace Emergency Call Box System

Drainage and landscape improvements **910,000**

Landscape Master Plan
Repair Storm Drainage System
Plant Buffer Along Railroad Tracks
Upgrade and Replace Campus Irrigation System
Miscellaneous Site Improvements

North Carolina A&T State University **37,094,083**

Roof repairs and replacements **657,093**

Roof Repairs – Noble, McNair, Martena, Moore, Ward,
Bluford, Hodgin, Dowdy, and Price

Repairs to electrical, plumbing and heating, ventilation, and air-conditioning systems **8,932,462**

Plumbing Repairs and Modifications – Dowdy, Bluford, Frazier, Hines
Hodgin, Martena, Carver, and Sebastian Halls
HVAC Modifications – Sebastian, Frazier, Nobel, Martena, and
Brown Halls
Security Improvements – Campus-wide
Storm/Sanitary Sewer System Renovations – Campus-wide

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

North Carolina A&T State University (continued)

Improvements to meet the requirements of the Americans with Disabilities Act	242,009
Replace Elevator in Murphy Hall	
ADA Accessible Ramps – Campus-wide	
Improvements to meet fire safety needs	57,072
Brown Hall Fire Detection System Upgrade	
Improvements to existing facilities for energy efficiency	6,777,111
Window and Door Replacements – DeHuguley, Moore, 1020 Wendover, Frazier, Campbell, Carver, Hodgin, and McNair Halls	
Lighting Replacements – Marteena, McNair, Murphy, Dowdy, Corbett, Noble, and 1020 East Wendover	
Energy Management System HVAC Controls – Campus-wide	
Emergency Generators – Carver, Cherry, Barnes, Marteena, and Webb Halls	
Steam Conveyance System	
Electrical System Repair – Hodgin Hall	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	657,505
Asbestos Abatement (Construction Prior to 1980) – Campus-wide	
Improvements and renovations to improve use of existing space	18,204,976
Renovation of Fort IRC Building	
Benbow Hall	
Webb Hall Animal Science	
Price Hall Annex Renovation	
Renovations – Frazier, Hines, Marteena, McNair, Price, and Sockwell Halls	
Farm Improvements	
Improvements to roads, walks, drives, utilities, infrastructure	1,565,855
Road Renovation and Sidewalk Replacement	

North Carolina Central University	59,347,500
Roof repairs and replacements	787,900
Roof Repairs – Student Services Building and McDougald House	
Roof Replacements – Campus-wide	
Structural repairs	14,475,000
Exterior Walls – Walker P.E. Complex	
Building Envelope Repairs – Phase I – Chidley Residence and Fine Arts Building	
Masonry Repairs – Hoey Administration, Taylor Education, and Robinson Science	
Structural Repairs – Baynes Residence Hall and Graduate Apartments	
Repair Exterior Walls and Replace Windows – McLendon–McDougald	
Repairs and renovations to meet federal and state standards	21,000
Lighting Improvements – Walker P.E. Complex	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

North Carolina Central University (continued)

Repairs to electrical, plumbing, heating, ventilating, and air-conditioning system	19,198,100
Repairs to HVAC Systems – William Jones Building, Complex, Miller Morgan Building, and Fine Arts Building	
Install HVAC Systems – Chidley Residence and Baynes Residence Hall	
Replace Heating and Cooling System – Hoey Administration	
Upgrade Electrical and Heating Systems – Robinson Science Building and Central Receiving	
Upgrade HVAC Systems – Campus-wide	
Improvements to meet the requirements of the Americans with Disabilities Act	419,900
Egress Modifications and Panic Devices – Chidley Residence	
Handicap Access Modifications – Taylor Education	
Improvements to meet fire safety needs	1,483,200
Install Sprinkler Systems – Miller Morgan, Chidley Residence, and Hoey Administration	
Improve Lighting System – Robinson Science Building	
Upgrade Fire Alarm System – McLendon–McDougald Gyn	
Improvements to existing facilities for energy efficiency	4,263,700
Chiller and Window Replacements – William Jones Building	
Upgrade HVAC System – Hoey Administration and Taylor Education	
Install Energy Efficiency System – Robinson Science Building	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	2,686,700
Asbestos Abatement – William Jones Building, McLendon–McDougald, Robinson Science Building, Fine Arts Building, and Taylor Education	
Improvements and renovations to improve use of existing space	62,000
Replace Carpet – Hoey Administration and McLendon –McDougald Gyn	
Repair Elevator – Fine Arts Building	
Improvements to roads, walkways, drives, and utilities infrastructure	7,700,000
Steam Line Repairs – 60% of Campus Steam Lines	
Emergency Generators – Residence Hall	
Repair Water Lines – Campus-wide	
Street Repairs and Improvement to Grounds	
Utilities Mapping and Condition Assessment	
Drainage and Landscape Improvement	8,250,000
Replacement of Storm Drainage Lines, Building Downspouts and Gutters – Campus-wide	

North Carolina School of the Arts **15,930,900**

Roof repairs and replacements	1,550,000
Replace Roof – Pierce Building	
Reroof – Gray Building, Grounds Shop, Bailey Street Apartments, Chapel Street Housing, DeMille Theater and Film School Building	
Roof Survey – Campus-wide	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

North Carolina School of the Arts (continued)

Structural repairs	425,000
Replace Floor Slabs, Sidewalks and Stairs – Residence Halls A–F	
Repairs and renovations to meet federal and state standards	75,000
Life Safety Code Upgrades – Design and Production Building, Workplace	
Exit and Egress Lighting Upgrades – Campus-wide	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	2,939,000
Replace Dimmer Lighting System – Performance Place	
Replace Motor Control Centers – Commons Building	
Upgrade Lighting & Electrical – Workplace Dance	
Replace Electrical Transformer – Commons Building	
Replace Storage Tanks – Residence Halls A–F	
Replace Panel Boards – Residence Halls A–F	
Miscellaneous Repairs – Campus-wide	
Replace Main Distribution Panel – Moore Residence Hall	
Replace Control Systems – Workplace	
Install Exterior Duct Insulation – Film School	
Replace HVAC Systems & Controls – Moore and Sanford Halls	
Replace HVAC Systems – DeMille Theater and Film School	
Electrical Repairs – Campus-wide	
Plumbing Repairs – Moore and Sanford Residence Halls	
Replace Boilers – Gray and Workplace	
Improvements to meet the requirements of the Americans with Disabilities Act	1,285,000
Survey to Meet Code Revisions – Campus-wide	
Exterior and Interior ADA Projects	
Add Elevators to 8 Three-Story Residence Hall	
Elevator Additions – Pierce Building and Administration Building	
Improvements to meet fire safety needs	1,800,000
Replace Flammable Ceiling Materials with Nonflammable Materials – Design and Production Building	
Replace Non-Fire rated Glass – Workplace	
Install Fire Alarm – Props Storage	
Replace Fire Alarm Devices – Workplace Building	
Install Sprinkler Systems – Gray and Administration Buildings	
Install Additional Sprinklers – DeMille Theatre	
Install Sprinklers – Eight Residence Halls	
Complete Sprinkler System – Workplace Building	
Improvements to existing facilities for energy efficiency	885,000
Replace Windows – Residence Halls A–F, Administration, Administration Annex, and Design and Production Building, Gray Building, Workplace Building, and Performance Place	
Replace Windows – Moore & Sanford	
Replace Energy Management System – Pierce Building	

THE UNIVERSITY OF NORTH CAROLINA
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North Carolina School of the Arts (continued)

Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	500,000
Remove Three Storage Tanks	
Remove Abandoned Boilers – Gray Building	
Miscellaneous Asbestos Remediation Projects	
Improvements and renovations to improve use of existing space	4,851,900
Renovation – Pierce Building	
Exterior Renovation – Design & Production Prop Storage Building	
Improve Appearance – Moore & Sanford Halls	
Miscellaneous Renovations – Chancellor's Residence	
Replace Design and Production Shop Floor	
Replace Interior Doors and Locks – Moore and Sanford Residence Halls	
Replace Flooring – Gray Building	
Replace Stage Flooring – DeMille Theater	
Replace Furniture & Vanities – Moore, Bailey & Connector	
Renovations – Dance Costume Shop	
Replace Interior Doors and Locks – Residence Halls A–I	
Replace ID Card Door Security Readers and Latches	
Renovate & Modernize – Film Village, Four Buildings	
Improve and Modernize – Workplace West	
Improve Acoustics & Lighting – Crawford, Hood, and DeMille Theater	
Improvements to roads, walks, drives, utilities infrastructure	1,020,000
Site Lighting	
Replace Aerial High Voltage Lines & Transformer	
Security Cameras/Telephone Areas – Moore, Sanford, and Connector	
Replace Sanitary Sewer Lines and Storm Water Line	
Repaving of Campus Roads	
Drainage and landscape improvements	600,000
Grade & Renovate Entrance Ways and Kudzu Valley	
Site Improvements	

North Carolina State University **\$124,020,259**

Roof repairs and replacements	\$3,506,700
Roof Replacements Phase I – Tompkins Hall, CVM East & West Barns	
Roof Replacements Phase II – D.H. Hill North Tower, Hillsborough, Weed Control, Caldwell Hall	
Roof Replacements Phase III – Carmichael, Patterson, TV Station, Primrose, Ag. Life Science, Jordan, Gardner, Harrelson	
Roof Replacements Phase IV – Morris, Field House, Erdahl Cloyd, Biltmore, Pulp & Paper, Hodges	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

North Carolina State University (continued)

Structural repairs	\$2,780,000
Concrete, Structural, & Masonry Repairs, Pointing & Caulking – Cox, Dabney, Broughton, Winston, Brooks, Caldwell, Kamphoefner, Kilgore, Peele, and Bell Tower	
Concrete, Structural, Masonry Repairs, Pointing & Caulking – Page, Poe, and Weaver	
Repairs and renovations to meet federal and state standards	\$2,700,000
DOI Safety Repairs – Campus-wide	
Cooling Tower Discharge Repairs – Campus-wide	
Waste Transfer Station Relocation – Sullivan Site	
Repairs to electrical, plumbing, heating ventilating and air conditioning system	\$45,702,300
Building Electrical Upgrades – Campus-wide	
Metering Repair & Replacement – Campus-wide	
Cooling Tower Repairs & Replacement – Grinnells, 840 Method, Scott, Dearstyne, Dabney, EGRC, Partners I, Burlington, D.H. Hill	
Chiller Replacements – Research I, Poe, Broughton, Weaver, TV Station, Dearstyne Isolation, Dearstyne Entomology, Textiles, Burlingto	
HVAC Upgrades & Repairs Phase I – Avent Ferry Complex, D.H. Hill, Pullen, McKimmon Center, Mycotoxin, Repro Physiology	
HVAC Upgrades & Repairs Phase II – Broughton, Grinnells, Weaver, McKimmon Addition, CVM Landscape	
HVAC Upgrades & Repairs Phase III – Morris, 3709 Hillsborough, Erdahl Cloyd, Brooks, Dabney	
HVAC Upgrades & Repairs Phase IV – Kamphoefner, Mann, Bureau of Mines, Weed Control, Holladay	
HVAC Upgrades & Repairs Phase V – Dearstyne, Patterson, Alumni, Biltmore, Research Building III	
HVAC Upgrades & Repairs Phase VI – Method Road Greenhouses	
Building Automation System Replacement – Campus-wide	
Emergency Generator Replacement – Hodges, Harris, Caldwell, D.H. Hill, Broughton Hall, Bostian Hall, Cates Steam Plant, Biltmore Hall, Avent Ferry Convention Center, Aquatic Lab/Pylo	
Boiler Replacement – Method, Dearstyne, Research II, Textile	
Improvements to meet the requirements of the Americans with Disabilities Act	\$1,500,000
ADA Improvements – Phase 1 of 5	
ADA Improvements – Phase 2 of 5	
ADA Improvements – Phase 3 of 5	
Improvements to meet fire safety needs	\$4,816,532
Sprinkler Systems Phase I – Peele and Page Hall	
Sprinkler Systems Phase II – CVM Buildings	
Sprinkler Systems Phase III – Hillsborough, McKimmon, Administrative Services, Biltmore	
Sprinkler Systems Phase IV – Poe Hall, Burlington, Weaver, Brooks, and Alumni	
Fire Alarm Upgrades Phase I – Gardner, Cox, D.H. Hill, Jordar	
Fire Alarm Upgrade Phase II – Mann, Brooks, Caldwell, Tompkins, TV Station	
Fume Hood Repairs/Upgrades – All Laboratory Buildings	

THE UNIVERSITY OF NORTH CAROLINA
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North Carolina State University (continued)

Improvements to existing facilities for energy efficiency **\$13,646,179**

Lighting Upgrades – Mann, Dabney, Gardner Addition, Gardner
Window Replacement Phase I – Peele, Holladay, Alumni, Tompkins,
Jordan, Broughton
Window Replacement Phase II – Leazar, Daniels, Shaub, Patterson
SCADA Monitoring System – Phase II – Campus-wide
Upgrade HVAC Controls to DDC Phase I – Winston, Tompkins,
Caldwell, Poe, Biltmore
Upgrade HVAC Controls to DDC Phase II – Scott, Bostian, Library,
Broughton
High Efficiency Motor Replacement
Water Conservation Measures

Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks **\$1,975,000**

Asbestos Removal for Steam Tunnel & Manhole
D.H. Hill Asbestos Removal (West Wing)
Asbestos Removal – Weed Control, Broughton, Weaver, Reynolds
Coliseum, McKimmon

Improvements and renovations to upgrade existing space **\$23,223,348**

Paint Building Interiors
Paint Building Exteriors
Elevator Repairs & Code Upgrades Phase I – Polk, Harrelson,
Kamphoefner, Caldwell
Elevator Repairs & Code Upgrades Phase II – Hillsborough, Ricks,
Harris, Bostian, Weaver, D.H. Hill, Phytotron, Erdah
Classroom Improvements Phase I – Various Buildings
Classroom Improvements Phase II – AV Infrastructure for "110"
Classrooms to Level 3
Classroom Improvements Phase III – AV Infrastructure for "110"
Classrooms to Levels 1, 2, & 3
Classroom Improvements Phase IV – Brooks Auditorium
Refurbish Interiors and Finishes – Various Buildings
University Field Laboratories
Research Stations
Millstone 4–H Center, Ellerbe, NC (Richmond County)
Swannanoa 4–H Center, Swannanoa, NC (Buncombe County)
Betsy–Jeff Penn 4–H Center, Reidsville, NC (Rockingham County)
Sertoma 4–H Center, Westfield/Danbury, NC (Stokes County)
Anita–Alta 4–H Outpost Camp, Lenoir, NC (Caldwell County)
Betsy–Jeff Penn Wastewater Treatment System
CVM Brick Floor Replacement
Dumpster Pads & Screening
Building Renovation – Bureau of Mines
Space Upgrades for Property Acquisitions – 2806 Hillsborough,
Brickhaven
Telcom Wiring Upgrades – CVM Outbuilding, 3709 Hillsborough,
Sullivan Site

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

North Carolina State University (continued)

Historical restoration **\$140,000**

Spring Hill House Improvements/Upgrade Electrical System
CVM Silo Restoration
CVM Barn Roof Coating

Improvements to roads, walks, drives, utilities and infrastructure **\$22,993,200**

CVM 15kv to 23kv Conversion
Primary Switches and Cable Replacement
Transformer and Fuse Replacement
Hot Water System Repair/Replacement
Steam System Repairs
Upgrade Campus Storm Water System
Sewer Line Repairs Including CVM
Domestic Water Line and Valve Replacement
Central Boiler Plant Renovations – Yarbrough, Cates
Road Repaving and Repairs – Dunn, Yarbrough, Stinson, Service,
Warren Carroll
Sidewalk Repairs
CVM Swine Lagoon Replacement
Street and Walkway Lighting Upgrades for Safety
Electrical Upgrade – Sullivan Drive Site

Drainage and landscape improvements **\$1,037,000**

Foundation Waterproofing – Polk and Kilgore
Campus Landscape Improvements
Campus Irrigation Improvements – Court of North Carolina, Centennial
EGRC Elevator Shaft Waterproofing

The University of North Carolina at Asheville **4,452,240**

Roof repairs and replacements **550,000**

Replace Roofs, Two Buildings

Repairs and renovations to meet federal and State standards **200,000**

Renovate Phillips Hall to Include ADA Elevator

Repairs to electrical, plumbing, ventilating, and HVAC systems **1,152,240**

HVAC Systems & Indoor Air Quality Upgrade – Phase I
Upgrade Direct Digital Controls, Three Buildings
Campus Primary Electrical Upgrade Phase V

Improvements to meet fire safety needs **100,000**

Upgrade Fire Alarm System, Karpen Hall (design only)

Improvements and renovations to improve use of existing space **1,550,000**

Renovation to Administrative/Academic Buildings

Improvements to roads, walks, drives, utilities infrastructure **550,000**

Improvements to roads, walks, drives, utilities infrastructure

Drainage and landscape improvements **350,000**

Repair Drainage and Erosion Control

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Chapel Hill **\$146,664,145**

Roof repairs and replacements **\$10,588,882**

Replace Built-up Roof – 134 1/2 E. Franklin Stree
Slate Roof Replacement (1939 Copper Historic) – Alumni Hal
Roof Replacement/Structural Repairs – Art Studic
Replace Single Ply EPDM Roof Sectors – Aycock Family Medicin
Roof Replacements – Battle, Vance, and Pettigrew Halls
Roof Restoration (1929 Slate) – Bingham Hal
Slate Roof Restoration – Carr Building
Roof Replacement – Carroll Hall
Slate Roof Restoration – Albert & Gladys Coates Building
Slate Roof Restoration – Coker Hal
Roof Replacement (1983 Ballasted Single Ply Sectors) – Davis Librar
Low Roof Replacement – Dental School Office Buildin
Roof Replacement (1981 Low Slope Built-up Roof Sectors) – Fetzer
Gymnasium
Replace Kennel Roof and Structure – Francis Owen Blood Research
Roof Replacement – Francis Owen Blood Research
Roof Replacement (1982 Low Slope Built-Up Roof Sectors) – Hanes
Art Center
Clay Tile Roof Restoration – Hill Hall 1907 & 1930 Wing
Roof Replacement (1978 Low Slope Built-Up Sectors) – Hill Hall 1907
Original Wing
Roof Replacement – Knapp Building 1956 Wing
1984 Wing Roof Replacement – Lineberger Cancer Research Cente
Slate Roof Restoration – MacNider Hal
Slate Roof Replacement/Restoration – Mitchell Hal
Roof Replacements – MRI Facility
Roof Replacement – New East
Slate Roof Restoration – Old Clinic
Roof Replacement (1978 Low Slope Built-Up Sector) – Paul Green
Theater
Roof Replacement Original Wing (Clay Tile 1914) – Swain Hal
1968 Low Roof Replacement – Van Hecke-Wettach Hal

Structural repairs **\$2,421,869**

Reset Window Surrounds – Alumni Hall
Masonry Repairs – Battle, Vance, & Pettigrew Halls
Re-caulk Vertical & Horizontal Joints – Berryhill Hal
Re-caulk Stone Masonry – Caldwell Hall
Re-point Mortar Joints – Carr Building
Re-caulk Vertical & Horizontal Joints – Davis Library
Stone & Brick Masonry Restoration – Hill Hal
Masonry Restoration/Repair – Howell Hal
Limestone and Sandstone Foundation and Window Sill
Replacement and Repairs – New East
Masonry Restoration – Person Hal
New Perimeter Drain and Waterproofing System – Wilson Librar

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Chapel Hill (continued)

Repairs to electrical, plumbing and heating, ventilating and air-conditioning system	\$102,087,264
Provide Central HVAC System – 210 Pittsboro Street	
Replace Chiller, Provide Variable Frequency Drives, Testing and Balancing – Aycock Family Medicine	
High-Bay HVAC Systems – Bailey Environmental Research Lab	
Central HVAC System – Bingham Hall	
Replace Plumbing – Bingham Hall	
Replace Plumbing System – Brinkhouse-Bullitt	
Central HVAC Systems – Bynum Hall	
Replace Plumbing – Bynum Hall	
Provide Central HVAC Systems – Caldwell Hall	
HVAC for Arena – Carmichael Auditorium	
HVAC for Concourse & Perimeter Offices – Carmichael Auditorium	
Interior Lighting Upgrade – Carmichael Auditorium	
Renovate Restrooms and Replace Plumbing – Carmichael Auditorium	
Replace Branch Circuit Wiring – Carmichael Auditorium	
Replace Main Switchgear – Carmichael Auditorium	
Replace Panels – Carmichael Auditorium	
Replace Women's Basketball Team Lounge and Locker HVAC System – Carmichael Auditorium	
Upgrade Generator – Carmichael Auditorium	
Central HVAC Systems – Carr Building	
Replace Plumbing – Carr Building	
Comprehensive Electrical Renovation – Albert & Gladys Coates Building	
HVAC Renovation – Albert & Gladys Coates Building	
Replace Plumbing – Albert & Gladys Coates Building	
HVAC Renovation – Davis Library	
Replace Lab Vacuum Pumps – Dental Research	
Comprehensive Electrical Renovation – Dey Hall	
Renovate HVAC Systems – Dey Hall	
Replace HVAC Systems – Francis Owen Blood Research	
Replace Kennel Floor Drains and Drain Piping – Francis Owen Blood Research	
Lighting System Replacement – Frank Porter Graham Child Development Center	
Replace HVAC Systems – Frank Porter Graham Child Development Center	
Replace Air Handling Units, Testing, and Balancing – Friday Center	
Lighting System Replacement – Gardner Hall	
Provide Central HVAC Systems – Gardner Hall	
Replace HVAC System – Hamilton Hall	
Improve Main HVAC System – Hanes Art Center	
Provide Central HVAC Systems – Hickerson House	
Heating Hot Water Filters, Testing, and Balancing, VFD – Hill Alumni	
Ducted HVAC System – Hill Hall Annex	
Replace Plumbing – Hill Hall Annex	
Electrical Improvements – Howell Hall	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Chapel Hill (continued)

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

Electrical Renovations – Jackson Hall
Original Wing HVAC Replacement – Jackson Hall
Renovate Restrooms and Plumbing – Jackson Hall
Lighting System Replacement – Kenan Laboratories
HVAC Modifications – Kenan Laboratories
Air Handling Unit Modifications – Lineberger Cancer Research
Roof Top Exhaust Fan & Ductwork Replacement – Lineberger
Cancer Research
Lighting System Replacement – MacNider Hall
Replace HVAC AHU's, Provide VAV-Reheat Boxes, New HHW
System – MacNider Hall
Replace Main Switchgear – MacNider Hall
Comprehensive Electrical Renovation – Mary Anne Smith Building
Replace Branch Valving – Mary Ellen Jones
Replace Four Domestic Hot Water Heat Exchangers – Mary Ellen Jones
Replace HVAC System – Mary Ellen Jones
Lighting System Replacement – MBR/Glaxo Building
Emergency Generator – MBR/Glaxo Building
Replace HVAC and Exhaust Systems – MBR/Glaxo Building
Replace HVAC Systems – Medical Research Building A
HVAC Replacement – Medical School Wings B, D, and E
Provide Central HVAC Systems – Miller Hall
Renovate Restrooms and Replace Plumbing – Miller Hall
Replace Plumbing – Miller Hall
Replace Distilled Water Piping – Morehead Chemistry Labs
Lighting System Replacement – Morehead Planetarium
Replace Original Wing HVAC Systems – Morehead Planetarium
Replace Original Wing Plumbing – Morehead Planetarium
Upgrade Branch Wiring and Panels – Morehead Planetarium
Replace HVAC System – MRI Facility
Provide Central HVAC Systems – Nash Hall
Renovate Restrooms and Replace Plumbing – Nash Hall
Replace Plumbing – Nash Hall
Lighting System Replacement – Paul Green Theatre
HVAC Renovation – Paul Green Theatre
Central HVAC System – Phillips Annex
Replace Plumbing – Phillips Annex
Replace Main Electrical Breaker in Switchgear – Kenan Laboratories
Replace Original Branch Circuit Wiring – Gardner Hall
Replace Original Branch Circuit Wiring and Devices – Carmichael
Auditorium
Replace Admin and Locker HVAC Systems – Smith Center
Replace Natatorium Pool Area HVAC System – Smith Center
Replace Pool Filtration and Backwash System – Smith Center
Upgrade Lighting – Smith Center

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The University of North Carolina at Chapel Hill (continued)

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

Install New Central HVAC System – Smith Hall
Central HVAC Systems – Swain Hall
Replace Plumbing – Swain Hall
Air Handling Unit Modifications – Tate–Turner–Kuralt Building
Lab Ventilation Rehabilitation – Thurston Bowles
Replace Main Switchgear – Van Hecke–Wettach
Upgrade Branch Circuit Wiring – Van Hecke–Wettach
Replace HVAC System and Related Projects – Van Hecke–Wettach
Gas Fired Preheaters & Humidifiers – Wastewater Research
Air Handling Unit Modifications – Wilson Library

Improvements to meet the Requirements of the Americans with Disabilities Act

\$2,352,955

Continuation of ADA Program – Campus-wide
Install New Elevator – Smith Hall
Construct New Restrooms – Smith Hall
Install New Elevator – Howell Hall
Upgrade Restrooms for ADA Accessibility – Peabody Hall
Install New Elevator – Mary Anne Smith Building
ADA Site Accessibility Improvements – Knapp Building & Van Hecke–
Wettach

Improvements to meet fire safety needs

\$15,835,103

Install Fire Sprinkler System – Art Studio Building
Correct Exit Enclosure Deficiencies – Bingham Hall
Install Fire Sprinkler System – Bingham Hall
Correct Life/Fire Safety Deficiencies – Bynum Hall
Install Fire Sprinkler System – Bynum Hall
Install Fire Sprinkler System – Caldwell Hall
Install Fire Alarm – Carmichael Auditorium
Install Fire Sprinkler System for Offices & Concourse –
Carmichael Auditorium
Install Fire Sprinkler System – Carr Building
Install Fire Sprinkler System – Carrington Hall
Install Fire Alarm – Albert & Gladys Coates Building
Repairs to Fire Escapes – Albert & Gladys Coates Building
Install Fire Sprinkler System – Albert & Gladys Coates Building
Replace Fire Alarm – Davis Library
Install Fire Sprinkler System – Dey Hall
Install Fire Alarm – Electrical Distribution Center
Access Improvements – Fire Lane
Install Fire Sprinkler System – Frank Porter Graham Child Dev. Center
Install Fire Sprinkler Protection – Gardner Hall
Install Fire Alarm – Giles F. Horney Annex
Replace Fire Alarm – Hanes Art Center
Install Fire Sprinkler Protection – Howell Hall
Install Fire Alarm – Hickerson House
Install Fire Sprinkler System – Jackson Hall

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Chapel Hill (continued)

Improvements to meet fire safety needs (continued)

Install Fire Sprinkler Protection – Kenan Laboratories
Install Fire Sprinkler System – MBR/Glaxo
Install Fire Sprinkler Protection – MacNider Hall
Replace Existing Fire Alarm – McGavran–Greenberg
Install Fire Alarm – Medical Research A
Install Fire Sprinkler System – Morehead Addition
Install Fire Sprinkler System for Original Wing – Morehead Planetarium
Install Fire Alarm – Nash Hall
Replace Fire Alarm – Phillips Hall
Install Fire Alarm – Surplus Property Warehouse
Install Fire Alarm – Swain Hall
Install Fire Sprinkler System – Van Hecke–Wettach Hall
Install Fire Sprinkler Protection – Wilson Library
Install Fire Alarm – Woollen Gymnasium

Improvements to existing facilities for energy efficiency

\$8,847,443

Window Replacement – Battle, Vance & Pettigrew Hall
Window Replacement – Beard Hall Original Building
Aluminum Window Replacement – Berryhill Hall
Window Replacement – Bingham Hall
Aluminum Window Replacement – Brauer Hall
Window Replacement – Caldwell Hall
Wood Window Replacement (Original Building) – Carroll Hall
Window Replacement – Albert & Gladys Coates Building
Window Replacement – Davie Hall North
Window Replacement – Davie Hall South
Window Replacement – Dey Hall
Window Replacement – FPG Child Development Center
Window Replacement – Frances Owen Blood Research Lab
Window Replacement – Gardner Hall
Window Replacement – Giles F. Horney Building (1962 Wing)
Window Replacement – Hill Hall 1907 & 1930 Building
Window Replacement – MacNider Hall
Window Replacement – Mary Anne Smith Building
Window Replacement – Medical School Wings "B, D, E & F"
Window Replacement – Mitchell Hall
Window Replacement – MRI Facility
Window Replacement – Peabody Hall
Window Replacement – Phillips Hall 1960 Addition
Window Replacement – Swain Hall
Window Replacement – Woollen Gymnasium (Gym & Head House)

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

\$701,186

Remove Asbestos and Lead Paint – Smith Hall
Remove Five Underground Steel Fuel Tanks & Replace with Above Ground Tanks – Giles F. Horney Building, Mary Ellen Jones, Morehead Chemistry Labs, North Side Chiller, Security Services Building

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Chapel Hill (continued)

Improvements and renovations to improve use of existing space **\$3,529,443**

Re-key Interior Doors – Alumni Hall, Ambulatory Care Center, Carolina
 Living and Learning, Morehead Labs, Wilson Library, Medical School
 Wings A–F, Horney Building, and McGavran–Greenberg
 Replace Motor–Driven Blackboards in Rooms 141, 142, and 143 –
 Carroll Hall
 Interior & Exterior Repairs/Replacements – Smith Hall
 Interior Space Restoration – Smith Hall
 Interior Space Renovation – Mary Anne Smith Building
 Construct Restrooms to Code Requirements – Gerrard Hall
 Interior Renovation of Spaces including the Public Administration
 Offices – Knapp Building

Improvements to roads, walks, drives, utilities infrastructure **\$300,000**

Replace and Repair Brick Walks – Academic Affairs Campus
 Replace and Repair Brick Walks – Health Affairs Campus

The University of North Carolina at Charlotte **41,833,045**

Improvements to meet fire safety needs **3,979,532**

Fire Detection System Upgrade – Colvard
 Fire Detection System Replacement – Bursor
 Fire Sprinkler System – Kennedy
 Fire Detection System Upgrade – Kennedy
 Fire Detection System Upgrades – Academic Complex
 Fire Detection System Upgrade – Reese
 New Sprinkler System – Physical Science Building
 New Sprinkler System – Friday Building
 New Sprinkler System – Smith Building
 Fire System Upgrade – Reese

Improvements to roads, walks, drives, utilities infrastructure **7,840,390**

Steam Distribution Replacement – Phase 1
 Replace Obsolete High Voltage Oil Switches
 Steam Distribution Replacement – Phase 2
 Campus Road Repair
 Campus Emergency Phones
 Steam Distribution Replacement – Phase 3
 Traffic Improvement – East Deck
 Road Upgrade – Mary Alexander

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning system **18,582,373**

Hot Water Piping – Academic Complex
 HVAC Upgrade – Kennedy
 HVAC Upgrade – Smith
 HVAC Upgrade – Barnard
 Electrical System Upgrades for Code Issue – Academic Complex
 HVAC Upgrade – Garinger
 HVAC Upgrade – Denny
 Lighting and HVAC – Belk Pool

THE UNIVERSITY OF NORTH CAROLINA
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The University of North Carolina at Charlotte (continued)

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

HVAC Upgrade for Energy Efficiency – Colvard
Mechanical/Electrical Upgrade – Library
HVAC Upgrade for Energy Efficiency – Friday
HVAC Upgrade – Reese Building
Boiler Upgrade for Energy Efficiency – Burson
Chiller Replacement – Cameron, Burson, and Friday
HVAC Upgrade – Brockner Building
Air Conditioning for Energy Efficiency – Belk
Hot Water System Upgrade for Energy Efficiency – Colvard
HVAC Upgrade for Energy Efficiency – Atkins
HVAC Upgrade – COA

Structural repairs **4,591,494**

Recladding Project – Dalton Tower
Structural Repairs – Cone Exterior Plaza

Roof repairs and replacements **3,421,401**

Repair Project – Library
Roof Replacement – Academic Complex
Roof Replacement – Kennedy
Roof Replacement – Rowe Arts
Campus Roof Replacement
Roof Replacement – Atkins
Roof Replacement – Smith
Roof Replacement – Physical Science

Repairs and renovations to meet federal and state standards **1,302,246**

Code Correction Upgrade – Reese

Improvements to meet the requirements of the Americans **359,133**

with Disabilities Act

ADA Correction – Reese
ADA Correction – Campus-wide

Improvements to existing facilities for energy efficiency **1,756,476**

Campus Window Replacement and Recaulking
Lighting Upgrade – Campus-wide
Utility Monitoring System – Campus-wide

The University of North Carolina at Greensboro **59,449,115**

Roof repairs and replacements **7,187,470**

Roof Replacements – Carmichael, Ferguson, Sink, Faculty Center,
Grounds Shop, Warehouse, Mossman, Financial Aid, and Campus
Police
Roof Maintenance – Campus-wide
Sealants Maintenance – Campus-wide
Walkway Repairs – Elliott University Center and Faculty Center
Parapet Walls – Eberhart
Roof Replacement Phase II – 2–Court Gym and 3–Court Gym
Roof Replacement Phase III – Coleman Building

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Greensboro (continued)

Structural repairs	800,000
Brick Monitoring – Business and Economics Building	
Manhole Repair (4)	
Structural Repairs – Campus-wide	
Inspection & Repairs – Pedestrian Bridge	
Repairs and renovations to meet federal and state standards	5,200,000
Resolution of Annual Code Issues	
Playground Renewal – McIver and Curry	
Storm Water Drainage Repair – Dining Hall Loading Dock	
Restroom Renovations – Campus-wide	
Restroom Renovations – Graham, Eberhart, Mossman, and Bryar	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	13,031,000
High Efficiency Single Phase Power Protection	
Elevator Refurbishment – Campus-wide	
Elevator Repairs – Moore, Taylor, and Library	
New Elevator – Foust, Taylor, Graham, Eberhart	
HVAC Equipment Replacements – Graham, Moore Nursing, Library, Eberhart, Business & Economics Building, and Mossman	
Electrical Renovations – Graham, Eberhart, Bryan, Mossman, Library	
Improvements to meet the requirements of the Americans with Disabilities Act	3,400,000
Projects from Campus ADA Study	
Faculty Center and Alumni House Access	
Improvements to meet fire safety needs	12,007,000
Phased Replacements of Fire Alarm Systems	
Repairs to Life Safety Systems – Campus-wide	
Fire Alarm Replacements – 10 Buildings	
Fire Door Replacements – Library and Foust Building	
Repair Fire Hydrants at EUC, Bryan, Cone, and Forney Building	
Halon Replacement – Bryan and Cone Art Building	
Sprinkler System Installations and Upgrades – Campus-wide	
New Sprinkler System – Moore, Graham, Business & Economics, Mossman, and Library Tower	
Improvements to existing facilities for energy efficiency	2,617,921
Door Replacements – Campus-wide	
Replace Obsolete HVAC Controls Systems	
Centralization of Building Controls	
Internal Building Steam Repairs	
Window/Door Replacement – 1st Floor Sink and Storeroom Building	
Window Replacements – HHP, Foust, Faculty Center	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	450,000
Asbestos Abatement	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Greensboro (continued)

Improvements and renovations to improve use of existing space	5,150,000
General Classroom Renovation	
Upgrade Building Access Controls	
Building Painting and Signage	
Floor Covering Replacements	
Miscellaneous Renovation Projects	
Historical restoration	1,615,724
Historical Restoration – 1892 Foust Building	
Improvements to roads, walks, drives, utilities infrastructure	7,040,000
Public Lighting Upgrade	
Steam Distribution System Replacements – 10 Projects	
Pavement Repairs	
Storm Water System Repairs	
Sanitary Sewer Repairs	
Replace & Repair Sidewalks – Ragsdale/Mendenhall, Stone, Graham	
Repair Brick and Stone Retaining Walls – Ferguson, Health and Human Performance Building, and Graham	
Drainage and landscape improvements	950,000
Landscape Replacement	
North Practice Field Drainage	
Tree Removal and Replacement	
Bench Repair and Replacement	

The University of North Carolina at Pembroke **17,914,113**

Roof repairs and replacements	17,296
Roof Inspection and Testing	
Improvements to meet OSHA and Fire Safety Needs	6,918
Replace Egress Lights	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning system	12,049,471
Replace Lighting – Baseball Field	
Exterior Lighting – Chancellor's Residence	
Interior Lighting Upgrades – Dial, GPAC, University Center, Business Administration, Education, Nursing, Library, Old Main, Jones Pool and Main Gym, Moore, Locklear, Lowry	
Economizer Installation – University Center	
Replace High Voltage Switches	
Renovate Shower Rooms – Belk, North, West	
Renovate HVAC Systems – Belk, Old Main, Dial, Education, Jacobs, Library, North UCIS, Student Health	
Emergency Generators – Chavis, West, Lumbee	
Replace Electrical Panels – Belk, University Center, Education, Jones, and North	
Replace Boilers and Circulating Pumps – West, North	
Install NG Pipe to Buildings Not Currently Connected	
Replace Dishwasher and Conveyor – University Center	
Replace Condensing Unit for Backup Computer Room – Lumbee Hall	
Insulate AHUs – Lumbee Hall	
Exterior Lighting Upgrades	

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The University of North Carolina at Pembroke (continued)

Improvements to meet the requirements of the Americans with Disabilities Act	525,632
Replace Elevator – Education	
Install Elevator Piano Lift and Building Elevator – GPAC	
Historical restorations	276,732
Renovation to Native American Resource Center	
Improvements and renovations to improve use of existing space	2,514,863
Renovations to Jacobs Building	
Renovations to Wellons Building	
New Sound System and Acoustical Treatment – GPAC	
Update Campus Keyway System	
Renovate Box-office – GPAC	
Replace Kitchen Ceiling Tiles – University Center	
Repair Gutters – Nursing Building	
Replace Campus Clocks	
Drainage and landscape improvements	466,986
North Campus Irrigation	
Upgrade Campus Landscaping	
Improvements to existing facilities for energy efficiency	943,369
Window Replacement – Johnson House	
Exterior Window Caulking – University Center, Library, Education	
Window Replacement – Belk, North Old Main	
Energy Monitoring System – University Center	
Improvements to roads, walks, drives, utilities infrastructure	542,086
Parking Lot and Road Repairs	
Extend/Repair Sidewalks	
Replacement of Fencing	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	324,007
Exterior Painting – Old Main GPAC	
Carpet Removal and Tile Replacement	
Interior Painting and Wall Repair – Education, Nursing, Lumbee,	
Chancellor's Residence, Givens, Old Main	
Structural repairs	246,753
Repair Skylight – University Center	
Replace Bleachers	

The University of North Carolina at Wilmington **23,531,527**

Roof repairs and replacements	2,505,132
Repair Shingles, Slate, Valley Flashing, Hip, and Ridges – Several Buildings	
Roof Repairs and Replacements – Friday, Hinton James, Kenan Auditorium, Kenan Hall, Wise House	
Roof Replacement – DeLoach Hall	
Main Roof Replacement – Randall Library	
Prof. Roof Eng. Infrared and Physical Inspection Plans and Recommendations – Campus Roofs	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Wilmington (continued)

Structural repairs	3,787,486
Repainting of Facilities	
Miscellaneous Structural Repairs	
Seat Replacement/Renovation – Cameron Hall/Dobo Hall, DeLoach Hall/Morton Hall	
Interior/Exterior Painting – Water Tower	
Door Replacement	
Masonry Wall Repair – Kenan House	
Exterior Masonry Repair – Alderman Hall	
Structural Repair – Natatorium	
Structural Repair – Wise and Carriage Houses	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	3,976,497
Replace Electrical Panels – Bear, Social & Behavioral Science, and Natatorium	
Upgrade Building Controls – Hanover, Morton, Social & Behavioral Science, Dobo, Cameron, Randall, Warwick	
Emergency Generator Replacement to Campus Building	
Install Air Conditioning – Hanover Hall	
Replace Chiller – Randall Library	
Upgrade Electrical Panels – Trask Coliseum	
Repair/Replace Air Handlers – Randall and Trask	
Upgrade Wiring and HVAC – Wise and Carriage House	
Improvements to meet the requirements of the Americans with Disabilities Act	1,855,746
ADA Improvements to Meet New Code Requirement:	
Install New Convenience Appurtenances to all Major Buildings	
Electronic Access System – Trask, Hanover, and James	
Install Elevator and Build Exterior Closure with Architectural Integrity of Historic House – Wise House	
Improvements to meet fire safety needs	3,431,718
Install Sprinkler Systems – Cameron, Bear, DeLoach, Trask, Randall, and Kenan Hall	
Install/Upgrade Fire Alarm Systems – Cameron, Hanover, Randall, Social and Behavioral Science, Trask, and Warwick	
Life Safety Code Corrections for Egress Lighting (Hanover, Morton, Physical Plant Warehouse, Randall, James Hall, Kenan Auditorium) and for Chemical Storage (Natatorium and Automotive Building)	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	700,000
Remove Vinyl Wall Covering and Carpet on 1st and 2nd Floor in Hallways and Stairwells (mold related) – Alderman Hall	
Remove Underground Storage Tanks (31 tanks of various sizes and conditions)	
Asbestos & Lead Abatements – CMSR, Wise House, and Hanover Hall	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

The University of North Carolina at Wilmington (continued)

Improvements and renovations to improve use of existing space	1,452,000
Refurbish/Paint Common Area Finishes	
Replace/Refurbish Classrooms and Auditoriums	
Renovate Kenan House Garage Apartment	
Renovation of Research Space – Psychopharmacology Lab	
Separate Animal Lab From Remainder of the Building – Social and Behavioral Science Building	
Carpet Replacement – Randall Library 1st Floor	
Minor Upgrades to Elevators – Bear, DeLoach, Morton, Randall, and University Union	
Improvements to roads, walks, drives, utilities infrastructure	4,690,567
Install Electrical Phase Protection on Sub-Station	
Pavement Repairs for Potholes and Cracks	
Provide Electrical, Gas, and Water Metering to Major Buildings	
Replace Aged Gas Mains and Valves	
Road Repair – Reigel Road Phase II	
Repaint Light Poles	
Repair Concrete Driveway – Wise and Carriage Houses	
Replacement of Underground Line Switches and Extension to Buildings and an Upgrade to Sub-station at the Back of Campus	
Drainage and landscape improvements	1,132,381
Storm Drainage Improvements – Additional RCP Throughout Main Campus	
Regional Retention Ponds for South and East Main Campus	
Repair Existing Storm Drainage and Clean Culverts and RCP on Main Campus	
Western Carolina University	31,965,000
Roof repairs and replacements	1,561,000
Roof Replacement – Breese Gymnasium	
Roof Replacement – University Outreach Center, Main Building	
Roof Replacement – University Outreach Center, Annex Building	
Structural repairs	6,510,100
Exterior Wall Repair – Hunter Library, Walls and Elevated Walkway	
Exterior Wall Repair – Killian Building, Killian Annex, Forsyth Building, Belk Building, Moore Building, and Old Student Union	
Exterior Repair and Replacement – H.F. Robinson Building	
Bridge Replacement – Picnic Area and Ramsey Athletic Center Creek Loop	
Repairs and renovations to meet federal and state standards	1,625,800
Correct OSHA Deficiencies, Phase III and IV	
Exterior Lighting Improvement	

THE UNIVERSITY OF NORTH CAROLINA
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Western Carolina University (continued)

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	1,880,000
Steam Plant Boiler Replacement	
Replace Electric Boiler – Ramsey Activity Center	
Electrical Repairs and Replacement – Moore Building	
Electrical Repairs and Replacement – Steam Plant	
Replace Oil-Fired Boiler – Jordan-Phillips Field House and Camp Lab	
Miscellaneous HVAC, Steam, and Electrical Repairs	
Improvements to meet the requirements of the Americans with Disabilities Act	1,100,800
Continuation of Campus-wide Program	
Improvements to meet fire safety needs	2,529,000
Fire Safety Renovations – Hunter Library	
Fire Safety Improvements, Phase IV, Sprinkler Systems – Belk Building, H. F. Robinson Building, Water Plant, Helder, and Leatherwood Residence Halls	
Correct Fire Safety Deficiencies	
Improvements to existing facilities for energy efficiency	1,990,200
Automated Energy Management and Control System, Phase I	
Facility Lighting Improvements – Hunter Library	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	150,000
Continuation of Campus-wide Asbestos Abatement Program	
Improvements and renovations to improve use of existing space	8,709,500
Entrance Improvements and New Façade – Belk Building	
First and Second Floor Renovation – H. F. Robinson	
East Wing Renovation – Belk Building	
Various Minor Building Renovation Projects	
Improvements to roads, walks, drives, utilities infrastructure	4,910,700
Pavement Repair – Catamount Road, University Way, and Chancellor's Drive North	
Walk Repair and Replacement	
Replace Water Line to Greenhouse	
Replace Undersized Water Mains and Non-Functioning Valves	
Replace Steam Distribution System – Forsyth to Dodson to Scott; Harrill and Albright-Benton	
Replace Chilled Water Loop – Hunter Library, Stillwell Building, Hoey Auditorium, and McKee Building	
Sanitary Sewer System – Repair and Replacement	
Replace Circuit #4, Substation to Ramsey Activity Center	
Replace Overhead Electric Distribution with Underground – University Outreach Center	
Drainage and landscape improvements	997,900
Site Improvements and Irrigation Systems – Labor Force Development Center, Fine and Performing Arts Center, Hinds University Center, McKee, Bird, and Camp Lab	
Landscape and Drainage Improvements	

THE UNIVERSITY OF NORTH CAROLINA
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Winston-Salem State University	18,403,064
Roof repairs and replacements	542,000
Roof Repairs and Replacements – Whitaker Gym, Eller Hall, Atkins Residence Hall, and Hauser Union, O'Kelly Atrium are:	
Gutter and Downspout Replacement – Blair Hall	
Structural repairs	1,173,030
Building Waterproofing and Window Replacement – F.L. Atkins Building	
Renovations to Central Stairs for Code Compliance – Blair Hall	
Structural Study – F.L. Atkins Building	
Window Replacements – Hauser Union and Hall-Patterson	
Window and Exterior Door Replacement – C.E. Gaines Complex	
Pool and Exterior Wall Repairs – C.E. Gaines Complex	
Brick Repair and Exterior Door Replacements – Coltrane Hall	
Exterior Doors Replacement – Eller Hall	
Window Replacement and Exterior Door Repairs – Fine Arts Building	
Repair Exterior Walls – Old President's Residence	
Window Repairs, Pressure Wash Concrete Facade – Williams Auditorium	
Structural Study and Repairs – Loading dock	
Structural Repairs – Steam Plant Stack	
Bleachers Replacement – C.E. Gaines	
Tuck Point and Cast Stone Sealing – Blair Hall	
Structural Repairs – Thompson Center	
Repairs and renovations to meet federal and state standards	150,000
Heating Plant Discharge Re-Piping to Sanitary Sewer	
Back Flow Preventers Installation	
Mech. Room Floor Drains Connection to Sanitary Sewer – Campus-wide	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	6,650,034
Replace HVAC Systems – Blair Administration Building	
Replace Roof Vents and Heaters, Replace Air-Conditioning Systems in Classrooms, Replace Old Panel Boards, and Replace Exterior Light Fixtures in C.E. Gaines Complex	
Building Controls Upgrades – Campus wide	
Replace HVAC Systems– Fine Arts Building	
HVAC Repairs – R.J. Reynolds and Hall Patterson	
Connection to Campus Chilled Water Loop – Coltrane Hall	
HVAC Renovations – Coltrane Hall	
Secondary Electrical Upgrades – Coltrane Hall	
Replace Old Panel Boards – Fine Arts Building	
Replace Old Panel Board – Hauser Union	
Replace Main Gate Valve and Provide HVAC System – Heating Plant	
Air Conditioning Installation – Old Maintenance Building	
Replace Bathroom Exhaust Fans – Brown Hall	
Replace Cooling Tower – R.J. Reynolds Building	
Install HVAC System and Replace Heating System – Eller Hall	

THE UNIVERSITY OF NORTH CAROLINA
2005-07 Budget Request for Repairs and Renovations - Attachment 8

Winston-Salem State University (continued)

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

Connection to Campus Chilled Water Loop – Hall Patterson
 Connection to Campus Chilled Water Loop – R.J. Reynolds
 HVAC and Lighting Replacement – Hauser Union
 HVAC Renovations – R.J. Reynolds
 HVAC Renovations – Hall Patterson
 HVAC Renovations – F.L. Atkins

**Improvements to meet the requirements of the Americans
with Disabilities Act 950,000**

Elevator Installation – Hill Hall
 ADA Condition Study
 ADA Interior Signage Installation
 Elevator Retrofit – F.L. Atkins, Hauser Union, and Hall Patterson
 Handrails at Stage Stairs and Balcony – Williams Auditorium

Improvements to meet fire safety needs 1,053,000

Install Fire Detection and Protection – R.J. Reynolds, Williams
 Auditorium, and O'Kelly Library
 Department of Insurance Inspection Repairs
 FCAP Life Safety Repairs
 Replace Non-Fire-Rated Partitions – Heating Plant
 Connect Food Service Preparation Area to Emergency Generator –
 Thompson Center
 Emergency Egress Lighting – Williams Auditorium
 Study to Provide Second Means of Egress – Steam Plant Central Store
 Provide Second Means of Egress on 2nd Floor – Old Chancellor's Home

Improvements to existing facilities for energy efficiency 500,000

Installation of Energy Efficient Lighting – Campus-wide (R.J. Reynolds,
 Hall Patterson, O'Kelly Library)
 Steam Plant Controls and Burner Upgrades

**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 in corridors – Fine Arts Building

Improvements and renovations to improve use of existing space 1,750,000

Re-tile Shower Areas, Provide Back-Up Gas Heater for Pool –
 C.E. Gaines Complex
 Classroom Improvements – Campus-wide
 Painting – Interior Buildings – Campus-wide
 Renovate Staff Development Area – Eller Hall
 Renovations – Security Office and Old Maintenance Building
 Floor Replacement Including Abatement – Moore Hall and Dillard Hall
 Interior Renovations – Fine Arts Ceramics Lab
 Carpet Replacement – Hauser Union and Hall Patterson

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Winston-Salem State University (continued)

Improvements to roads, walks, drives, utilities infrastructure **4,920,000**

Primary Electrical Distribution Equipment Replacement
and Repairs (replace existing substation and old sectionalizing
switches)
Repair of Storm and Sewer Distribution Lines
Install Third Chiller in Central Chiller Plant
Sidewalk Repairs
Parking Lot Pavement Repairs
Roadway Repairs
Repairs to Exterior Steps and Handrails
Installation of Additional Street Lighting
Steam Distribution Piping Replacement
Stabilization of Railroad Embankment
Replace Underground Primary Distribution Cable

Drainage and landscape improvements **665,000**

Campus Gateway Improvements
Re-Grade for Site Drainage – Williams Auditorium
Replace Exterior Signage – Campus-wide
Site Improvements – Campus-wide

North Carolina School of Science and Mathematics **30,052,680**

Roof Repairs and Replacements **1,878,900**

Replacement of Bryan Roof
Gutters, Underground Drainage, and Ice Guards
Roof Repairs – Watts Hall
Roof Repairs – Reynolds and Beall Residence Hall
Roof – Physical Education Center
Roof Repairs – Reynolds/Art Exterior Wall
Roof Replacement – Hunt Residence Hall
Roof Replacement – Cottage

Structural repairs **741,900**

Window Replacement and Repaint
Repairs to Watts Assembly Hall
Ground Floor Repairs in Hunt
Waterproof Watts and Hill Residence Hall
Repair Exterior Stucco Walls on Campus Buildings
De-Watering Pumps in Watts Hall

Repairs and renovations to meet federal and state standards **865,600**

Kitchen Coolers, Grease Interceptors, and Exhaust Hood
Elevators – Bryan Center Residence Hall
Code Compliance for Doors and Hardware
Elevators – Reynolds and Hunt Residence Halls

**Repairs to electrical, plumbing and heating, ventilating,
and air-conditioning systems** **13,704,870**

Chillers Replacement in Bryan Center/Watts
Hot Water Heaters and Storage Tank in Bryan
Repairs to Maintenance Building

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North Carolina School of Science and Mathematics (continued)

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

Repairs to Boiler Building
Repairs to Air Circulation and Interiors
Single Phase Electrical Protection and Outdoor Light
ETC Emergency Generator and Roof Repair
Extensive Classroom Renovations in the old Hospital (129,400 square
feet to be renovated)
Labs in Old Distance Learning/Counseling Building
Ventilation Exhaust – Biology
Upgrade Electrical Wiring on Campus
Chiller Replacement – Hunt Residence Hall
Emergency Power Upgrade – Maintenance/Residence Hall
Physical Education Center Repairs
Hunt Residence Hall Interior Repairs
Lighting – Hunt Residence Hall
Renovation – Watts Hall/Hill/Beall Offices
Electrical Repairs
Cooling Tower Replacement
Kitchen Steam Lines
Pump Replacements
Plumbing Fixture and Line Replacements
System Repairs – Cottage

Improvements to meet the requirements of the Americans with Disabilities Act **91,700**

ADA and Life Safety

Improvement to meet fire safety needs **2,363,400**

Sprinklers – Non-Residential Academic Areas
Sprinklers – Hunt Residence Hall
Fire Alarm System – Physical Education Center
Sprinklers – Physical Education Center

Improvements to remove asbestos, lead paint, and other contaminants, including the **2,139,000**

removal and replacement of underground storage tanks

Asbestos and Lead Paint Abatement (Critical Areas)
Monitoring Wells and Cleanup From UST Removal
Asbestos and Lead Paint Abatement Throughout Campus

Improvements to existing facilities for energy efficiency **1,549,700**

HVAC Controls – Bryan/Reynolds/Watts
HVAC Controls – Hunt Residence Hall
Upgrade HVAC Controls
Energy Efficient Lighting Replacement

Improvements and renovations to improve use of existing space **3,515,810**

Electronic Access Control of Doors (Safety) Upgrade/One Card System
Carpet and Tile Flooring – Residence Hall
Exterior Canopy – Hunt
Replace Doors, Closures, and Hardware

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North Carolina School of Science and Mathematics (continued)

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

Replace Flooring

Replace Insulation Glass and Frames

Improvements to roads, walks, drives, utilities infrastructure

3,201,800

Improve Roads, Parking Lots, and Sidewalks

Chilled Water Loop to Connect Campus

Water Line Repairs

Data and Telephone Lines to Physical Education Complex

Steam Line Infrastructure Repairs

Boiler Equipment Replacement – Boiler Plant

Repair Smokestacks

Electrical System Upgrades

UNC Center for Public Television

2,491,400

Roof repairs and replacements

219,000

WUNL-TV, Winston Salem

WUNK-TV, Farmville

WUNP-TV, Roanoke Rapids

Bryan Center

WUNC-TV, Chatham

Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems

438,000

Tower Electrical, WUNP-TV, Roanoke Rapids

Replace 20-Ton HVAC, WUNG-TV, Concorc

Replace 10-Ton HVAC, WUNK-TV, Farmville

Repair to Elevator, WUND-TV, Columbia

Add UPS System Capacity – Bryan Center

Electrical Improvements for Harmonics Reduction and Grounding –

Bryan Center

Improvements to meet fire safety needs

325,000

Security and Fire Alarm System Upgrades – 11 Transmitter Site:

Life Safety System Upgrades – Bryan Center

Improvements and renovations to improve use of existing space

1,209,400

Building Repairs and Painting, WUNP-TV, Roanoke Rapids

Building Repairs and Painting, WUNM-TV, Jacksonville

Replace Carpeting in Bryan Center

Painting and Caulking, Interior and Exterior – Bryan Center

Translator Site Improvements

Microwave Site Improvements

Improvements to roads, walks, drives, utilities infrastructure

300,000

Repair Site Access Road, WUNE-TV, Linville

Parking Lot, Drainage Improvement, and Repave – Bryan Center

Replace Landscape Irrigation System – Bryan Center

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The North Carolina Arboretum	2,425,000
Roof repairs and replacements	180,000
Visitor Education Center Roof Repair	
Greenhouse Glazing Replacements and Resealing	
Structural repairs	52,000
Replace Foot Bridge Damaged in Flood (Hurricane Ivan	
Repairs to Support Facility	
Repairs to electrical, plumbing and heating, ventilating, and air-conditioning systems	156,000
HVAC Zoning Modifications – Visitor Education Center	
Drainage in Greenhouse to Prevent Ponding	
Air Condition Support Facility	
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	81,000
Removal of 5000 gallon tank	
Construct Catchment and Treatment for Nutrient-Rich Greenhouse	
Runoff and Other Contaminants	
Improvements to existing facilities for energy efficiency	50,000
Replace Old Lighting VEC and Greenhouse with Energy	
Efficient Lighting	
Solar Charging Station for Alternative Fuel Vehicle:	
Solar Pre-heat Water at Support Facility	
Improvements and renovations to improve use of existing space	688,000
Renovate Visitor Education Center Basement to Classroom Space	
Exterior Repainting of Support Facility, Pump Houses, Visitor	
Education Center, and Core Garden Structures	
Renovation of Educational Interpretation Infrastructure at Key Public	
Buildings and Outdoor Exhibits	
Completion of Renovation – Heritage Garden	
Upgrade and Repair of Communications System	
Improvements to roads, walks, drives, utilities infrastructure	910,000
Upgrades and Repair – Natural Garden Trail	
Upgrade Sewer Line	
Repair and/or Replace Flagstone at VEC and Gardens	
Repair to Water Features	
Repair Entrance Road Undermined by Floodwaters (Hurricane Ivan) –	
Fill voids, shore up creek bank next to road, and repave 1-1/2 miles	
of roadway	
Repair Roads, Bridges & Trails Washed Away by Flood (Hurricane Ivan)	
Repair and Upgrade Irrigation System – Main Gardens and POP Garder	
Drainage and landscape improvements	
Replacement, Renovation, and Enhancement for Permanent Collection	
Build and Repair Retaining Walls on Gardens, Trails, and Roadways	
Repair Fence Damaged by Flood	
TOTAL	749,033,071

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