

**STATUS OF CAPITAL IMPROVEMENT PROJECTS  
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL  
FACILITIES PLANNING & CONSTRUCTION**

**PROJECTS COMPLETED SINCE LAST REPORT (JULY 2009)**

|   |                     |
|---|---------------------|
| 1. EPA Audit  | \$192,000           |
| 2. Cogeneration Steam Tunnel Rehabilitation Project (Package 2) | \$18,000,000        |
| 3. Boshamer Stadium Improvements                                | \$19,900,000        |
| 4. Research Resource Facility Water & Waste Water (Phase 2)     | \$2,500,000         |
| 5. Upper/Lower Quad Residence Halls Sprinkler System (Ph 1)     | \$1,495,000         |
| 6. Beard Hall Window Replacement                                | \$800,000           |
| 7. Skipper Bowles Drive Recreational Court Renovation           | \$750,000           |
| <b>Total</b>  | <b>\$43,637,000</b> |

**PROJECTS UNDER CONSTRUCTION:**

1. Manning  
Steam Plant & Utility Distribution Tunnel (Phase 2A) – \$29,814,000  
 (Funding – Higher Education Bond Program and University Non Appropriated/Receipts)  
 Construction began June 2005, and is 99% complete. Project completion is expected in July.
2. Cogeneratio  
n Steam Tunnel Rehabilitation Project (Package 3) – \$30,000,000  
 (Funding – University Non-Appropriated/Receipts)  
 Construction began February 2009 and is 7% complete. Project completion is expected in March 2011.
3. N. C.  
Botanical Ga rden Visitors Center – \$12,500,000  
 (Funding – Gifts)  
 Construction began November 2007 and is 94% complete. Project completion is expected in July 2009.
4. Bell Tower  
Development - \$239,510,206  
 (Funding – Appropriated, University Non-Appropriated Receipts, and Overhead Receipts)  
 Construction began October 2007 and is 39% complete. Project completion is expected in February 2012.
5. Electrical  
System Ductbanks Phase II Part B1 - \$4,359,699  
 (Funding – University Non-Appropriated Receipts)  
 Construction began November 2007 and is 95% complete. Project completion is expected in August 2009.
6. Cameron  
Substation Upgrade – \$4,267,959  
 (Funding – University Non-Appropriated Receipts)  
 Construction began October 2007 and is 92% complete. Project completion is expected in July 2009.
7. OWASA  
Reclaimed Water Projects - \$6,926,925  
 (Funding – University Non Appropriated)

Construction began January 2008 and is 88% complete. Project completion is expected in August 2009.

8. Upper/Lowe  
**r Quad Residence Halls Sprinkler System (Phase 2) - \$2,146,713**  
**(Funding – University Non-Appropriated/Receipts)**  
 Construction began May 2009 and is 10% complete. Project completion is expected in August 2009.
9. Brinkhous  
**Bullitt Fire Alarm & HVAC - \$6,959,963**  
**(Funding – Repair & Renovations - COPS)**  
 Construction began February 2008 and is 89% complete. Project completion is expected in September 2009.
10. Brinkhous  
**Bullitt Food Service Renovation - \$3,500,000**  
**(Funding – University Non Appropriated)**  
 Construction began February 2008 and is 89% complete. Project completion is expected in September 2009.
11. Brinkhous  
**Bullitt Second Floor Renovation - \$2,000,000**  
**(Funding – University Non Appropriated)**  
 Construction began January 2009 and is 60% complete. Project completion is expected in September 2009.
12. Dental  
**Sciences Building – \$104,000,000**  
**(Funding – Appropriation and Gifts)**  
 Construction began May 2008 and is 15% complete. Project completion is expected in January 2012.
13. Hinton  
**James Residence Hall Sprinkler System - \$2,750,000**  
**(Funding – University Non-Appropriated/Receipts)**  
 Construction began May 2008 and is 60% complete. Project completion is expected in August 2009. Work is performed during 2008 and 2009 summer months.
14. Old  
**East/Old West Residence Halls Exterior and HVAC Renovations - \$4,000,000**  
**(Funding – University Non-Appropriated/Receipts and Repair and Renovations)**  
 Construction began June 2008 and is 90% complete. Project completion is expected in July 2009.
15. Science  
**Complex Phase II – Physical Sciences – \$92,500,000**  
**(Funding –University Non-Appropriated)**  
 Construction began March 2008 and is 49% complete. Project completion is expected in September 2010.
16. South  
**Columbia Street Streetscape – \$1,250,000**  
**(Funding – University Non Appropriated)**  
 Construction began July 2008 and is 85% complete. Project completion is expected in July 2009.
17. Carmichael  
**Auditorium Addition and Renovation – \$31,500,000**  
**(Funding – University Non Appropriated and Repair & Renovation)**

Construction began June 2008 and is 54% complete. Project completion is expected in January 2010.

18. **Medicine Phase 2 – \$8,500,000** **Sports**  
**(Funding – University Non Appropriated)**  
 Construction began June 2008 and is 35% complete. Project completion is expected in February 2010.
19. **Resource Facility Building III – \$2,368,816** **Research**  
**(Funding – University Non Appropriated)**  
 Construction began March 2009 and is 19% complete. Project completion is expected in December 2009.
20. **Basement Renovation – \$4,450,000** **Bynum Hall**  
**(Funding – Repair & Renovations)**  
 Construction began February 2009 and is 18% complete. Project completion is expected in December 2009.
21. **Imaging Research Building – \$10,000,000** **Biomedical**  
**(Funding – Appropriations)**  
 Construction began June 2009 and is 1% complete. Project completion is expected in August 2013.
22. **Craige Sprinklers and Wiring – \$550,000** **Eringhaus &**  
**(Funding – University Non Appropriated)**  
 Construction began May 2009 and is 20% complete. Project completion is expected in August 2009.
23. **Marine Science Roofing – \$435,000** **Institute of**  
**(Funding – Repair and Renovations)**  
 Construction began June 2009 and is 2% complete. Project completion is expected in October 2009.
24. **Stadium Football Center – \$25,000,000** **Kenan**  
**(Funding – Gifts)**  
 Construction began February 2009 and is 35% complete. Project completion is expected in August 2009.
25. **Fiber Optic Routing – \$3,800,000** **SCADA**  
**(Funding – University Non Appropriated)**  
 Construction began May 2009 and is 15% complete. Project completion is expected in November 2009.

## **PROJECTS IN DESIGN:**

1. **Herbarium Research Building (Botanical Garden) (36,000 SF) – \$7,044,000**  
**(Funding – Appropriation Requested)**  
 The Board of Trustees approved the design of this project at the May 1999 meeting. The 1997 Session of the General Assembly appropriated \$350,000 for advance planning for a Herbarium Research Building in the Botanical Garden. This planning is completed through Design Development. Construction of the project will depend upon future funding.

2. **Research Resource Facility – \$14,500,000**  
(Funding – University Non Appropriated)  
The University has submitted a stimulus grant proposal to NIH for the next phase of expansion.
3. **Ackland Art Museum/Addition – \$20,000,000**  
(Funding – Gifts)  
The planning is completed through Design Development. Construction will depend on successful fund raising.
4. **Electrical System Improvements (South Substations) – \$3,000,000**  
(Funding – University Non-Appropriated/Receipts)  
Bids have been received and construction contract award is in progress.
5. **Morehead Planetarium/Science Center Addition and Rehabilitation – \$65,000,000**  
(Funding – Repair and Renovations, Appropriation requested and Gifts)  
Construction documents have been submitted and project is waiting construction funding.
6. **Hinton James Renovation – \$37,500,000**  
(Funding – University Non-Appropriated/Receipts)  
Project is currently on hold.
7. **Wilson Library Egress – \$1,425,032**  
(Funding – COPS Repair and Renovations)  
Construction documents are in progress and scheduled for completion July, 2009. Project is waiting construction funding.
8. **Davis Library HVAC Study – \$150,000**  
(Funding – COPS Repair and Renovations)  
Study is complete and project is waiting funding.
9. **Alumni Hall and Manning Hall Exterior Renovation Study - \$50,000**  
(Funding – Repair and Renovations)  
Study is complete and project is waiting design funding.
10. **Smith Hall/Old Playmakers Theater Interior Renovation - \$4,000,000**  
(Funding – Repair and Renovations)  
Construction documents have been submitted and project is waiting construction funding.
11. **Renaissance Computing Initiative (RENCI) - \$500,000**  
(Funding – State Appropriation)  
Programming study is complete. Advance planning and construction will depend on future funding.
12. **South Columbia Road Improvements - \$1,400,000**  
(Funding – University Non-Appropriated)  
Phase III improvements south of Health Sciences Library is scheduled for construction in summer, 2010.
13. **Med Air Facility - \$3,000,000**  
(Funding – University Non-Appropriated)  
Construction documents are complete and project is waiting construction funding.
14. **Master Plan for DLAM Facilities - \$1,000,000**  
(Funding – Repair and Renovations)  
Construction documents have been submitted for Phase I - Mary Ellen Jones Vivarium and estimated bid date is Summer, 2009.
15. **First School - \$1,600,000**  
(Funding – University Non-Appropriated)  
Programming study is complete. Project on hold due to decision by Chapel Hill / Carrboro School Board.

16. **MacNider Hall Fourth Floor Renovation - \$3,500,000**  
(Funding – University Non-Appropriated)  
Designer selected. Planning and construction will depend on future funding.
17. **Woollen Gym Life Safety and Fire Alarm Project - \$4,500,000**  
(Funding – Repair and Renovations)  
Construction documents are complete and estimated bid date is July, 2009. This project has been added to the Carmichael Auditorium Addition and Renovation project.
18. **Student Recreation Center and Fetzer Gymnasium Roof Replacement - \$185,000**  
(Funding – Repair and Renovations)  
Construction documents are complete and project is waiting construction funding.
19. **Knapp – Sanders Hall Second and Third Floor HVAC Replacement Study - \$600,000**  
(Funding – Repair and Renovations)  
Construction documents are complete and project is waiting construction funding.
20. **School of Information and Library Science Planning Study - \$400,000**  
(Funding – University Non-Appropriated)  
Programming Study is complete and project is waiting design funding.
21. **Wilson Hall and Coker Hall Sanitary Piping Replacement - \$350,000**  
(Funding – Repair and Renovations)  
Project is on hold pending completion of Genome Science Building.
22. **Robertson Scholars Building - \$8,500,000**  
(Funding – Gifts)  
The planning is complete through Design Development. The Robertson Scholars Program is developing this project.
23. **Kenan Stadium Renovation - \$50,000,000**  
(Funding – Gifts)  
Kenan Stadium Expansion Phase II scope is being finalized. The Education Foundation is developing this project.
24. **Innovation Center- \$20,000,000**  
(Funding – Gifts)  
Schematic Design is in progress. The Special Use Permit was approved and has been recorded. The project is currently on hold.
25. **Alternative/Renewable Energy Study – Phase I - \$5,300,000**  
(Funding – University Non-Appropriated/Receipts)  
The Alternative Energy Study is finalizing recommendations and the University's Climate Action Plan report will be completed by September, 2009. The contract with Orange County is in place for the landfill gas power generation project. Design is underway for the collection system, pipeline and generator equipment. Estimated bid date is November, 2009.
26. **Stormwater Master Planning Study – Phase 1 - \$1,000,000**  
(Funding – University Non-Appropriated/Receipts)  
Phase I will be complete by August, 2009.
27. **Renovations to Mary Ellen Jones Building - \$32,000,000**  
(Funding – University Non-Appropriated)  
The University has submitted a stimulus grant proposal to NIH to fund the renovation to the 11<sup>th</sup> floor.
28. **Medical Education Building - \$1,000,000**  
(Funding – University Non-Appropriated)  
Programming study is complete and project is waiting design funding.
29. **Imaging Research Building - \$250,000,000**  
(Funding – State Appropriation)

Construction documents are in progress and will be received January, 2010. Estimated bid date for building package is Summer, 2010.

30. **Campus Health Services - \$2,000,000**  
(Funding – University Non-Appropriated)  
Programming is complete.
31. **Electric Infrastructure Additions - \$15,000,000**  
(Funding – University Non-Appropriated/Receipts)  
Construction documents are in progress and will be received August, 2009. Estimated bid date is December, 2009.
32. **Strategic Demand Side Energy Plan - \$336,390**  
(Funding – University Non-Appropriated)  
Phase ii has analyzed twenty existing buildings and will develop a project priority list. The report will be complete August, 2009.
33. **Carrington Hall Renovation - \$250,000**  
(Funding –Repair and Renovations)  
Programming study is complete and project is waiting design funding.
34. **Railroad Sidings - \$3,000,000**  
(Funding – University Non-Appropriated)  
Programming study and site feasibility analysis is in progress. Estimated completion is December, 2009.
35. **South Road Pedestrian Bridge - \$400,000**  
(Funding – University Non-Appropriated)  
Concept design is in progress and will be complete August, 2009.
36. **Davis Library Renovations to First and Second Floors - \$250,000**  
(Funding – University Non-Appropriated)  
Programming study is in progress. Estimated completion is November, 2009.
37. **School of Law at Carolina North - \$5,500,000**  
(Funding – State Appropriation)  
Designer selected in November, 2008. Project is waiting design funding.
38. **Carolina North Infrastructure – Phase I - \$3,000,000**  
(Funding – State Appropriation)  
Designer selected in November, 2008. Project is waiting design funding.
39. **Old Sanitary Landfill Remediation at Carolina North - \$500,000**  
(Funding – State Appropriation)  
Designer selected in November, 2008. Project is waiting design funding.
40. **Carolina Inn Renovation - \$10,000,000**  
(Funding - University Non-Appropriated))  
Design is in progress for guest room renovations. Construction is scheduled to begin in October, 2009.

**SUMMARY OF MAJOR CAPITAL IMPROVEMENT ACTIVITY:**

|                        | <u>No. of Projects</u> | <u>Dollar Value</u> |
|------------------------|------------------------|---------------------|
| Completed since 6/2009 | 9                      | \$ 43,637,000       |
| Under Construction     | 24                     | \$ 633,089,281      |
| In Design              | 40                     | \$ 577,740,422      |

**HISTORICAL RECORD OF ACTIVITY:**

| <u>Date</u> | <u>UNDER CONSTRUCTION</u> |                     | <u>IN DESIGN</u>       |                     |
|-------------|---------------------------|---------------------|------------------------|---------------------|
|             | <u>No. of Projects</u>    | <u>Dollar Value</u> | <u>No. of Projects</u> | <u>Dollar Value</u> |
| Dec. 1983   | 10                        | \$ 62,326,000       | 8                      | \$ 18,645,000       |
| Jun. 1984   | 10                        | \$ 66,858,320       | 11                     | \$ 14,956,950       |
| Oct. 1984   | 13                        | \$ 77,924,820       | 16                     | \$ 28,455,450       |
| Jun. 1985   | 15                        | \$ 75,753,450       | 18                     | \$ 57,302,500       |
| Feb. 1986   | 13                        | \$ 67,684,000       | 30                     | \$190,990,620       |
| Aug. 1986   | 11                        | \$ 61,093,000       | 25                     | \$191,213,620       |
| Feb. 1987   | 14                        | \$ 39,924,000       | 27                     | \$183,061,220       |
| Aug. 1987   | 13                        | \$ 26,817,520       | 25                     | \$210,316,100       |
| Feb. 1988   | 12                        | \$ 42,354,520       | 26                     | \$222,477,900       |
| Aug. 1988   | 14                        | \$ 61,721,870       | 34                     | \$254,328,430       |
| Feb. 1989   | 15                        | \$157,882,770       | 40                     | \$168,321,630       |
| Aug. 1989   | 20                        | \$158,003,370       | 29                     | \$170,550,730       |
| Feb. 1990   | 18                        | \$153,331,770       | 34                     | \$174,785,500       |
| Aug. 1990   | 14                        | \$161,479,980       | 29                     | \$165,398,600       |
| Feb. 1991   | 10                        | \$191,489,780       | 26                     | \$147,486,500       |
| Aug. 1991   | 11                        | \$202,564,380       | 28                     | \$132,000,800       |
| Jan. 1992   | 9                         | \$193,656,480       | 31                     | \$123,015,800       |
| Aug. 1992   | 16                        | \$196,850,380       | 25                     | \$132,470,400       |
| Jan. 1993   | 15                        | \$178,790,400       | 27                     | \$137,062,000       |
| July 1993   | 9                         | \$ 91,072,000       | 21                     | \$121,141,100       |
| Jan. 1994   | 6                         | \$ 90,707,300       | 33                     | \$154,615,300       |
| July 1994   | 15                        | \$101,999,300       | 28                     | \$147,370,700       |
| Jan. 1995   | 13                        | \$ 66,320,700       | 52                     | \$175,385,600       |
| July 1995   | 14                        | \$101,192,800       | 46                     | \$164,311,800       |
| Jan. 1996   | 11                        | \$ 89,901,800       | 67                     | \$246,980,600       |
| July 1996   | 17                        | \$ 92,701,100       | 61                     | \$299,168,300       |
| Jan. 1997   | 19                        | \$131,072,400       | 63                     | \$282,872,700       |
| July 1997   | 37                        | \$235,425,600       | 44                     | \$223,235,350       |
| Jan. 1998   | 33                        | \$158,837,100       | 50                     | \$278,691,575       |
| July 1998   | 36                        | \$183,705,300       | 43                     | \$285,946,375       |
| Jan. 1999   | 26                        | \$153,298,200       | 42                     | \$314,955,275       |
| July 1999   | 20                        | \$175,689,300       | 44                     | \$374,499,175       |
| Jan. 2000   | 18                        | \$173,787,000       | 38                     | \$380,677,875       |
| July 2000   | 20                        | \$171,732,100       | 44                     | \$402,994,475       |
| Jan. 2001   | 20                        | \$265,311,575       | 56                     | \$255,342,400       |
| July 2001   | 30                        | \$277,577,875       | 57                     | \$509,245,260       |
| Jan. 2002   | 28                        | \$282,315,475       | 51                     | \$533,569,700       |
| July 2002   | 25                        | \$297,186,000       | 51                     | \$533,569,700       |
| Jan. 2003   | 18                        | \$246,220,200       | 52                     | \$700,266,390       |
| July 2003   | 15                        | \$239,095,165       | 58                     | \$677,135,478       |
| Jan. 2004   | 18                        | \$345,073,797       | 59                     | \$607,602,868       |
| July 2004   | 24                        | \$435,597,765       | 61                     | \$837,011,823       |
| Jan. 2005   | 32                        | \$540,484,649       | 77                     | \$997,282,175       |
| July 2005   | 42                        | \$604,951,066       | 62                     | \$848,018,466       |
| Jan. 2006   | 39                        | \$606,059,278       | 50                     | \$681,154,808       |
| July 2006   | 36                        | \$753,387,157       | 55                     | \$697,916,808       |
| Jan. 2007   | 39                        | \$493,513,761       | 60                     | \$729,086,980       |
| July 2007   | 38                        | \$559,519,076       | 50                     | \$586,321,980       |
| Jan. 2008   | 29                        | \$510,723,322       | 46                     | \$733,693,000       |
| July 2008   | 27                        | \$570,815,114       | 51                     | \$715,328,000       |
| Jan. 2009   | 25                        | \$429,973,546       | 47                     | \$906,213,000       |
| July 2009   | 24                        | \$633,089,281       | 40                     | \$577,740,422       |

During the same period we have completed 422 major capital improvement projects with a total in-place cost of \$2,543,100,191.