



The University of North Carolina

GENERAL ADMINISTRATION

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Constituent Universities
Appalachian State
University

East Carolina
University

Elizabeth City
State University

Fayetteville State
University

North Carolina
Agricultural and
Technical State
University

North Carolina
Central University

North Carolina
State University
at Raleigh

University of
North Carolina
at Asheville

University of
North Carolina
at Chapel Hill

University of
North Carolina
at Charlotte

University of
North Carolina
at Greensboro

University of
North Carolina
at Pembroke

University of
North Carolina
at Wilmington

University of
North Carolina
School of the Arts

Western Carolina
University

Winston-Salem
State University

Constituent High School
North Carolina
School of Science
and Mathematics

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Affirmative Action
Employer

October 11, 2010

Members of the Joint Legislative Commission on Governmental Operations
Senator Marc Basnight, President Pro Tempore, Co-Chair
Representative Joe Hackney, Speaker of the House of Representatives, Co-Chair

Fiscal Research Division
Marilyn Chism, Director
Richard Bostic
Mark Bondo

Subject: Allocations for Repairs and Renovations

In the 2010 Session (S.L. 2010-31), the General Assembly authorized \$120,000,000 of special indebtedness to fund the Statewide Reserve for Repairs and Renovations Account. The legislature allocated 50% (or \$60,00,000) of this Reserve to the Board of Governors of The University of North Carolina and directed that the subsequent allocations by the Board of Governors be reviewed by the Joint Legislative Commission on Governmental Operations and the Fiscal Research Division of the Legislative Services Office. The purpose of this report is to facilitate that review.

At its August 13, 2010 meeting, the Board of Governors allocated its funding in accordance with the guidelines developed in The University of North Carolina Funding Allocation Model for the Reserve for Repairs and Renovations.

The model allows the Board of Governors to consider allocations for high priority projects prior to applying the formula and directs that the formula be updated with the most recent institutional information on mission, size, and condition of campus facilities, before it is used to calculate constituent university allocations. The Chancellor at each university then selects the specific projects to be completed within that allocation and the statutory requirements that:

1. The funds be used only for the following types of projects:
 - a. Roof repairs and replacements
 - b. Structural repairs
 - c. Repairs and renovations to meet Federal and State standards
 - d. Repairs to electrical, plumbing and heating, ventilating and air-conditioning systems
 - e. Improvements to meet the requirements of the Americans with Disabilities Act (as amended)
 - f. Improvements to meet fire safety needs
 - g. Improvements to existing facilities for energy efficiency
 - h. Improvements to remove asbestos, lead paint and other contaminants, including the removal and replacement of underground storage tanks
 - i. Improvements and renovations to improve the use of existing space
 - j. Historical restoration

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- k. Improvements to roads, walks, drives and utilities infrastructure
 - l. Drainage and landscape improvements
2. The funds shall not be used for new construction or for the expansion of the footprint of an existing facility unless required for compliance with Federal or State codes or standards.

The attached list of projects shows the Board of Governors allocations to each constituent university and the intended projects that will be funded from the available \$60,000,000. Projects indentified with a “(*)”are in facilities not supported from the General Fund.

The Chancellors have considered the use of funds from the Reserve for Repairs and Renovations to equip their existing residence halls with fire protection sprinkler systems and have, including \$1,586,400 for 2010-11, dedicated over \$6,780,000 from repair and renovation funds over the last five years to improve residence hall safety.

Sincerely,



Ernest G. Murphrey

Attachment

- c: President Erskine Bowles
Kathy Davis, Commission Assistant
Anita Watkins, Government Relations

THE UNIVERSITY OF NORTH CAROLINA

2010-11 Repair and Renovation Reserve Recommended Project List

Allocation

Appalachian State University

Interior Building Renovation and Elevator Upgrade - Anne Belk Hall (3rd Floor)	2,755,300
Appalachian State University Total \$	2,755,300

East Carolina University

Steam Infrastructure Replacement and Repair - Main Campus	1,669,000
Electrical Infrastructure Replacement and Repair - Main Campus	580,000
Emergency Generator & Egress Lighting Improvement - Bate Building, Rawl Building)	385,000
Elevator Replacement - Brewster Building (Elevator A & B)	550,000
Energy Efficiency Improvement Heat Recovery Upgrade - Main Campus Steam Plant	145,000
HVAC Repair - Fletcher Music Center, Joyner Library	280,000
Mechanical, Plumbing and Electrical System Replacement - Health Sciences Campus	718,500
Roof Replacement and Repair - Messick Theater Complex, Wright Auditorium , Biotechnology Building, Campus-wide	577,100
Energy Efficiency Improvement HVAC Retro-commissioning - Science & Technology Building, Central Chiller Plant #1	200,000
Windows and Doors Replacement - Messick Theater Complex, Campus-wide	125,000
Storm Water Drainage Repair - Along Duncan Court, Ficklen Drive, and College Hill Drive	284,000
Storm Water Retention Pond Improvement - Health Sciences Campus	312,000
Road Repair - Trustees Way, Chancellors Way, Dowell Way	124,000
East Carolina University Total \$	5,949,600

Elizabeth City State University

Mechanical, Plumbing and Electrical Repair - Campus-wide	120,000
Asbestos Abatement - The Cottages*	16,500
Campus Security Improvement - East Campus	92,000
Classroom Renovation - Lester Hall, Moore Hall	55,000
Fire Suppression Sprinkler System Repair - Campus-wide	30,000
Electrical Infrastructure Repair - Campus-wide	80,000
Restroom Repair - Campus-wide	26,775
Interior Building Repair - Moore Hall	70,000
Road Repair - University Drive	200,325
Interior Building Repair - Jenkins Science Center	45,000
Walk Repair - Campus-wide	40,000
Energy Efficiency Improvement Utility Metering Installation - Campus-wide	55,000
Accessibility Improvement - Thorpe Administration Building, Vauhn Center, Moore Hall	30,000
Interior Building Repair - Campus-wide	88,000
Drainage and Landscape Improvement - Campus-wide	85,000
Roof Repair - G.R. Little Library, Jenkins Science Center, Ridley Student Complex	320,000
Exterior Building Improvement - Campus-wide	86,400
Elizabeth City State University Total \$	1,440,000

THE UNIVERSITY OF NORTH CAROLINA

2010-11 Repair and Renovation Reserve Recommended Project List

Allocation

Fayetteville State University

Structural Repair - G.L. Butler Building	360,000
Mechanical, Plumbing and Electrical Systems Improvement - Lilly Gym	340,000
Electrical Transformer Replacement - Radio Tower Facility, Rosenthal Building	80,000
Boiler Replacement - Harris Hall*, Helen T. Chick Building	60,000
HVAC Improvement - Lyons Science Building	15,000
Energy Efficiency Improvement Utility Metering Installation - Campus-wide	400,000
Campus Safety Improvement Exterior Lighting Upgrade - Knuckles Science Annex, Parking Lot K & J	115,000
HVAC Replacement - Alumni House	10,000
HVAC Upgrade - Central Warehouse	60,000

Fayetteville State University Total \$	1,440,000
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NC Agricultural & Technical University

Roof Repair - Campus-wide	88,000
Structural Repair - Campus-wide	62,000
Utility Infrastructure Improvement - McNair Hall, Science Building	125,000
HVAC System Repair - Bluford Library, Marteena Hall	190,000
HVAC System Improvement - Murphy Hall	150,000
HVAC System Improvement - Carver Hall	38,000
HVAC System Upgrade - Carver Hall, Coltrane Hall, Campus-wide	102,000
HVAC System Improvement - Dowdy Building	150,000
HVAC System Improvement - Benbow Hall	35,000
Electrical Infrastructure Improvement - Campus-wide	75,000
Electrical System Improvement - Carver Hall, Frazier Hall	40,000
Accessibility Improvement - Campus-wide	100,000
Elevator Improvement - Murphy Hall, Corbett Intramural Center	80,000
Fire Alarm System Repair - Campus-wide	100,000
Steam System Infrastructure Improvement - Between Access Points 1 and 3.5	395,000
Energy Efficiency Improvement Utility Meters Installation - McNair Hall, Science Building, Teacher Education Building	27,000
Exterior Building Repair - Dudley Building, Dowdy Building, McNair Hall	70,000
Hazardous Materials Abatement - Campus-wide	50,000
Interior Building Improvement - Campus-wide	260,000
HVAC System Improvement - Dudley Building	45,000
Walk Repair - Campus-wide	70,000
Road Repair - Campus-wide	65,000
Storm Water Drainage Improvement - Noble Hall, Hines Hall	65,000
Exterior Groundscape Improvement - Campus-wide	11,500
Domestic Water Distribution System Repairs - Campus-wide	55,000

NC Agricultural & Technical University Total \$	2,448,500
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THE UNIVERSITY OF NORTH CAROLINA

2010-11 Repair and Renovation Reserve Recommended Project List

Allocation

NC Arboretum

Exhibit Storage and Fabrication Shop Renovation - Baker Exhibit Center	60,000
Access and Ticketing System Upgrade - Main Entrance, Service Gate	50,000
Solar Shading Improvement - Greenhouse and Production Facility, Education Center	23,000
Interior Building Renovation - Education Center	110,000
Electrical Distribution System and Lighting Upgrade - Baker Exhibit Center	15,000
Walk Upgrade and Repair - Exterior Exhibit Area	32,000
Campus Safety Improvement Emergency Call Box Replacement - Campus-wide	10,000
NC Arboretum Total \$	300,000

NC Central University

Roof Replacement and Exterior Building Repair - Criminal Justice Building	150,000
Roof Replacement - McDougal House	35,000
Steam Infrastructure Improvement - Heating Plant	150,000
Steam Heat Exchanger Replacement - Turner Law School	80,000
Steam Heat Exchanger Replacement - Criminal Justice Building	80,000
HVAC Improvement - Hoey Administration Building	200,000
Elevator Installation - Taylor Education Building	340,000
Elevator Replacement - Lee Biology	125,000
Elevator Installation - Dent Human Sciences Building	144,500
Fire Safety Improvement - Baynes Hall*	86,400
Fire Alarm Upgrade - Campus-wide	48,700
Window Replacement - Lee Biology Building	65,000
Hazardous Materials Abatement - Campus-wide	80,600
Electrical Distribution System Improvement - Campus-wide	35,000
NC Central University Total \$	1,620,200

NC School of Science and Math

Campus Safety Improvement Access Control - Campus-wide	100,000
Exterior Building Repair - Hunt Residence Hall	250,000
Exterior Building Repair and Window Replacement - Watts to Reynolds and Reynolds to Bryan Connectors	200,000
HVAC System Improvement - Educational Technology Complex, Campus-wide	275,000
Steam Distribution System Repair - Campus-wide	275,000
Road and Walk Improvement - Campus-wide	175,000
Interior Building Upgrade - Science Labs, Bryan Center Kitchen, Telephone System	165,000
NC School of Science and Math Total \$	1,440,000

NC State University

Fire Alarm System Replacement - DH Hill Library	500,000
Fire Suppression Sprinkler System Installation and Fire Alarm Upgrade - Polk Hall	1,000,300

THE UNIVERSITY OF NORTH CAROLINA

2010-11 Repair and Renovation Reserve Recommended Project List	Allocation
Fire Suppression Sprinkler System Installation - Erdahl Cloyd	250,000
Classroom Renovation - Ricks Hall	450,000
Classroom Renovation - Cox Hall	200,000
Indoor Air Quality Improvement - Williams Hall	872,000
Roof Fall Protection Upgrade - Polk Hall, Withers Hall, Riddick Labs, Scott Hall	150,000
Roof Repair - Weaver Labs, Jordan Hall, Campus-wide	180,000
Roof Replacement - College of Textiles Building	642,900
Roof Replacement - Hodges Wood Products Lab	222,700
Exterior Building Repair - Center for Marine Sciences and Technology in Morehead City	150,000
Structural Repair - College of Textiles Building	100,000
Accessibility Improvement - University Plaza (The Brickyard)	300,000
Elevator Upgrade - Daniels Hall	400,000
Elevator Upgrade - Polk Hall	250,000
HVAC System Extension and Improvement - Pulp and Paper Laboratories, Biltmore Hall , Robertson Hall, Jordan Hall	1,030,000
Boiler Replacement - Mckimmon Center	200,000
Primary Electrical Distribution System Replacement - Poe Hall	100,000
HVAC Control Upgrade and Meter Installation - Campus-wide	290,000
Energy Efficiency Improvement - Campus-wide	100,000
Chilled Water Distribution System Extension - Scott Hall	433,800
Chiller Addition - Cates/Yarbrough Chiller Plant	776,200
Steam Distribution System Replacement - University Plaza Area	1,790,000
Primary Electrical Distribution Improvement - Campus-wide	150,000
Road and Drive Improvement - Centennial Biomedical Campus Service Complex	495,000
NC State University Total \$	11,032,900
UNC Asheville	
Roof Replacement and Repair - Carmichael Hall, Humanities Lecture Hall Connector, Campus- wide	128,403
HVAC Replacement and Repair - Ramsey Library, Robinson Hall, Campus-wide	510,000
Electrical Infrastructure System Upgrade - Southwest Campus Area	700,000
Interior Building Repair - Owen Hall, Karpen Hall, Campus-wide	80,000
Drainage and Erosion Control Improvement - Campus-wide	21,597
UNC Asheville Total \$	1,440,000
UNC Board of Governors	
Reserve for UNC Affiliates and Contingencies	1,300,000
UNC Board of Governors Total \$	1,300,000
UNC Center for Public Television	
Internal Building Repair - Bryan Center	404,000
Site Security Improvement - State-wide	96,000

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2010-11 Repair and Renovation Reserve Recommended Project List

Allocation

UNC Center for Public Television Total \$		500,000
UNC Chapel Hill - Academic Affairs		
Fire Suppression Sprinkler System Installation - Parker Residence Hall*, Avery Residence Hall*, and Teague Residence Hall*		1,200,000
Exterior Building Structural Restoration - Hamilton Hall		1,000,000
Elevator Safety Improvement - Mitchell Hall		70,000
Elevator Safety Improvement - Wilson Hall		75,000
Elevator Improvement - Davis Library		1,100,000
Exterior Building Restoration and Roof Replacement with Fall Protection Upgrade - Fetzer Gymnasium		2,155,000
Roof Replacement with Fall Protection Upgrade - Student Recreation Center		745,000
Exterior Building Repair - Coastal Process & Environmental Health Laboratory (Morehead City)		216,600
HVAC System Equipment Replacement - Phillips Hall		300,000
Emergency Generator Transfer Switch Replacement - Morehead Chemistry Laboratory, Wilson Library, Fetzer Gym, Lineberger Cancer Center		113,000
HVAC System Equipment Repair - Frank Porter Graham Child Development Center		450,000
Stormwater System Improvement - Replace Stormwater Pipe at Raleigh St. Near Arboretum		175,000
Stormwater System Improvement - Ehringhaus Field Trunkline		400,000
Domestic Water Distribution System Improvement - Cameron Avenue Water Line Project		12,300
Road Repair - Skipper Bowles Drive		187,300
UNC Chapel Hill - Academic Affairs Total \$		8,199,200
UNC Chapel Hill - Health Affairs		
HVAC System Equipment Cleaning - Taylor Hall		100,000
Roof Replacement with Fall Protection Upgrade - McGavran Greenberg		554,000
Exterior Building Repair - Brinkhous-Bullitt Building		360,000
HVAC System Equipment Replacement - Lineberger Cancer Center		300,000
HVAC Equipment Replacement - Molecular Biology Research Laboratory/Glaxo Building		645,000
Mechanical System Renovation - Bingham Facility Building 1		1,300,000
Electrical System Renovation - Bingham Facility Building 1		500,000
Laboratory Improvement - Bingham Facility Building 1		200,000
UNC Chapel Hill - Health Affairs Total \$		3,959,000
UNC Charlotte		
Electrical Infrastructure Improvement- North Campus		854,000
Roof Replacement - Atkins Library		455,000
Emergency Generator Installation - Regional Utility Plant 1, Regional Utility Plant 2		1,200,000
Interior Building Renovation - Colvard Building		770,800
Fire Suppression Sprinkler System Installation - Moore Residence Hall*, Sanford Residence Hall*		300,000
UNC Charlotte Total \$		3,579,800

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2010-11 Repair and Renovation Reserve Recommended Project List

Allocation

UNC General Administration

Roof Repair - Meredith Riggs Spangler Building	85,000
HVAC Equipment & Controls Replacement - Meredith Riggs Spangler Building	200,000
Energy Efficiency Improvement HVAC Retro-commissioning - CD Spangler Jr. Building	15,000
UNC General Administration Total \$	300,000

UNC Greensboro

Roof and Exterior Building Repair - Campus-wide	102,400
Roof Replacement - Jackson Library (1951 Wing), Cone Art Building	1,517,000
Life Safety Systems Repair - Campus-wide	50,000
Electrical, Plumbing, and HVAC Repair - Campus-wide	130,000
Elevator Upgrade - Eberhart Building	250,000
Elevator Installation - Moore Humanities and Research Building	203,000
Accessibility Improvement - Campus-wide	150,000
Window Replacement - Campus Supply Building, Health and Human Performance Building	325,000
Classroom and Office Renovation - Campus-wide	240,000
Interior Building Repair - Campus-wide	166,000
Structural Repair - Steam Plant Chimney, Bryan Building	60,000
Steam Distribution System Repair - Campus-wide	50,000
Energy Efficiency Improvement - Campus-wide	80,000
Hazardous Materials Abatement - Campus-wide	30,000
Access Control Upgrade - Campus-wide	25,000
High Voltage Electrical Distribution System Repair - Campus-wide	25,000
Roads, Walks and Drives Repair - Campus-wide	80,000
Drainage and Site Improvement - Campus-wide	50,000
UNC Greensboro Total \$	3,533,400

UNC Pembroke

Campus Safety Improvement Emergency Notification System - Campus-wide	420,000
Locker Room Renovation - Jones Health and Physical Education Center	190,000
Electrical System Improvement - Chavis University Center	110,000
Fire Suppression Sprinkler System Installation - Chavis University Center	400,000
Water Infrastructure Replacement - South Campus	90,400
Access Control Upgrade - Education Building	38,000
Auditorium Lighting Control Improvement - Moore Hall	40,000
Roof Repair - Campus-wide	17,300
Elevator Upgrade - Lumbee Hall	80,000
Storm Water Drain Repair - Jones and Faculty Row Area	54,300
UNC Pembroke Total \$	1,440,000

UNC School of the Arts

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2010-11 Repair and Renovation Reserve Recommended Project List	Allocation
HVAC, Plumbing, and Electrical Systems Improvement - Stevens Center, Gray Building, Workplace, Campus-wide	345,000
Electrical and IT Infrastructure Improvement - Along Ehle Drive	375,000
Interior Renovation - Workplace, Gray Building, Campus-wide	400,000
Campus Safety Improvement Access Control - Campus-wide	100,000
Roof Replacement and Exterior Building Repair - Workplace West, Development House, Campus-wide	220,000
UNC School of the Arts Total \$	1,440,000

UNC Wilmington

Roof Repair - Purchasing Building	25,000
Structural Repair - Randall Library	165,000
Porch Columns Repair - Alderman Hall, Kenan Hall	75,000
Interior Building Repair - Cameron Hall	25,000
Exterior Building Repair - Leutze Hall	35,000
Exterior Door Replacement - Trask Coliseum, Nixon Annex	50,000
Exterior Building Repair - Morton Hall	40,000
Exterior Door Replacement and Access Control Improvement - King Hall	50,000
Hot Water Pump Replacement - Kenan Auditorium	9,700
HVAC System Repair - Cameron Hall, Morton Hall, Deloach Hall, Alderman Hall, Social & Behavioral Science Building	75,000
Electrical Transformer Replacement - Westside Hall	20,000
Fire Alarm System Upgrade - Trask Coliseum, Nixon Annex, Natatorium, Hanover Hall	475,000
HVAC System Improvement - Dobo Hall, Alderman Hall, Social and Behavioral Science Building	60,000
Window Replacement - Cameron Hall	291,000
Exterior Door Replacement - Cameron Hall	75,000
Ceiling Tile Replacement - Cameron Hall	60,000
Interior Building Repair - Cameron Hall	12,000
Electrical Infrastructure Repair - Campus-wide	285,000
Natural Gas Infrastructure Upgrade - Main Campus	295,000
Storm Water Infrastructure Improvement - Main Campus	200,000
UNC Wilmington Total \$	2,322,700

Western Carolina University

Roof Replacement and Repair - Killian Building, Moore Building, Campus-wide	605,400
Sanitary Sewer Infrastructure Improvement - Madison Hall to Hunter Library	300,000
Water Distribution Infrastructure Improvement - Along Chancellors Drive, Along University Way, Along Centennial Drive	125,000
Fire Alarm System Replacement - Killian Building, Reid Gymnasium	120,000
Exterior Lighting Improvement - Campus Wide	50,000
Elevator Upgrade - Robinson Administration Building	300,000
Steam Condensate Line Replacement - Scott Hall	60,000

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2010-11 Repair and Renovation Reserve Recommended Project List		Allocation
Electrical Distribution Improvement - South Campus		350,000
Road and Walk Improvement - Catamount Road and University Way		134,000
Building Renovation - Campus-wide		75,000
Western Carolina University Total \$		2,119,400
Winston-Salem State University		
Steam Infrastructure Improvement - Serving Hall-Patterson Building, Serving Blair Hall, Campus wide		693,000
HVAC System Improvement - F.L. Atkins Building, Thompson Center, Campus-wide		747,000
Winston-Salem State University Total \$		1,440,000
TOTAL \$		60,000,000

THE UNIVERSITY OF NORTH CAROLINA
Proposed 2010-11 Repairs and Renovations Request by Project Type

