



# 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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Employer

February 20, 2012

Members of the Joint Legislative Commission on Governmental Operations  
Representative Thomas R. Tillis, Co-Chair, Speaker of the House of Representatives  
Senator Philip Edward Berger, Co-Chair, President Pro Tempore

Subject: Report on Allocations for Repairs and Renovations

In the 2011 Session, the General Assembly appropriated \$124,500,000 to fund the Statewide Reserve for Repairs and Renovations Account. The legislature allocated 50% (or \$62,250,000) of this Reserve to the Board of Governors of The University of North Carolina and directed that allocations by the Board of Governors be reported to the Joint Legislative Commission on Governmental Operations in accordance with G.S. 143C-4-3(d). The purpose of this report is to comply with that directive.

At its July 7, 2011 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

Allocations for Repairs and Renovations

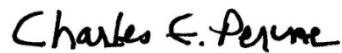
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- k. Improvements to roads, walks, drives and utilities infrastructure
  - 1. Drainage and landscape improvements
- 2. The funds shall not be used for new construction or for the expansion of the footprint of an existing facility unless required for 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 \$62,250,000. Projects indentified with a “(\*)”are in facilities not supported from the General Fund.

Sincerely,



Charles E. Perusse

Attachment

c: Kathy Davis  
Lesley Cates  
Thomas Ross  
Anita Watkins

# THE UNIVERSITY OF NORTH CAROLINA

## 2011-12 Repair and Renovation Reserve Recommended Project List

## Allocation

### Appalachian State University

Anne Belk Hall Renovation (Old Belk Library)	2,735,200
<b>Appalachian State University Total \$</b>	<b>2,735,200</b>

### East Carolina University

Steam Condensate Infrastructure Repair - Main Campus	1,169,000
Electrical Infrastructure Improvement - Main Campus	583,400
Steam and Condensate Lines Replacement - Main Campus	480,000
Elevator Replacement - Brewster Building, Fletcher Music	825,000
Replace Boiler Steam Converter - Main Campus Steam Plant	145,000
Replace Heating, Ventilating & Air Conditioning System - Joyner Library	100,000
Replace Mechanical Electrical Plumbing - Health Sciences Campus (Brody, Warren Life Sciences, Central Utility Plant)	994,000
Replace Roof - (Messick Theater Complex, Wright Auditorium, and Biotechnology Buildings)	640,000
Energy Efficiency Improvement- Main Campus (Science & Technology Building, Central Chiller Plant #1)	200,000
Replace Windows and Doors - Main Campus (Messick Theater)	125,000
Repair Storm Drains - Main Campus (Ficklen Drive, College Hill)	184,000
Remediate Stormwater Retention Pond - Health Science Campus (Lake Laupis)	312,000
Road Repair - Main Campus (Trustees Way, Chancellors Way, Dowell Way)	124,000
<b>East Carolina University Total \$</b>	<b>5,881,400</b>

### Elizabeth City State University

Security Fence Repair - Campus-wide	120,000
Asbestos Abatement - Moore Hall	16,500
Direct Digital Control Replacement - KE White Graduate Center	206,800
Road and Drainage Repair - Viking Drive and Teachers way	200,325
Repair and Interior Restoration - Moore Hall, Jenkins Science, GR Little Library, Griffin Hall	371,775
Fire Alarm Networking - Campus-wide	80,000
Sidewalk Repair - Campus-wide	40,000
Fire Sprinkler Repair - Campus-wide	30,000
Replace Locks and Handles - Campus-wide	100,000
Hi-Voltage Switchgear Repair - Campus-wide	80,000
Renovation of Existing Space - Chancellor's Residence	60,000
Exterior Building Repair - Dixon Hall, GR Little Library, Jenkins Science	65,000
Energy Efficiency Improvement - Campus-wide	60,000
Security Improvement - Campus-wide	85,000
Accessibility Improvement - Handrail Ridley Hall	8,000
Heating, Ventilating & Air Conditioning System Repair - Campus-wide	120,000
<b>Elizabeth City State University Total \$</b>	<b>1,643,400</b>

### Fayetteville State University

# THE UNIVERSITY OF NORTH CAROLINA

<b>2011-12 Repair and Renovation Reserve Recommended Project List</b>	<b>Allocation</b>
Structural Repair - G.L. Butler Building Exterior Stairs	400,000
2nd & 3rd Floor Breezeway Repair - Bryant Hall*	61,900
Accessibility and Site Improvement - Lilly Gym	150,000
Transformer Replacement - Radio Tower	50,000
Boiler Replacement - Harris Hall* & H.T. Chick Building	60,000
Resurface Swimming Pool - Health & Physical Education Building	85,000
Heating, Ventilating & Air Conditioning System Repair - Lyons Science Annex	15,000
Electrical Sub-metering - Campus-wide	400,000
Roof Replacement - School of Business & Economics Building	275,000
Exterior Lighting Upgrade - Parking Lot K and Knuckles Science Annex Courtyard	110,000
Air Conditioning Unit Replacement - Alumni House	10,000
Flooring Replacement - Health & Physical Education Building	14,000
Student Safety Improvement - Crosswalk at MLK and Stadium Drive	12,500
<b>Fayetteville State University Total \$</b>	<b>1,643,400</b>

## Highlands Biological Station

Renovation -- Coker Laboratory Building	200,000
Miscellaneous Repairs & Upgrades	75,000
<b>Highlands Biological Station Total \$</b>	<b>275,000</b>

## NC Agricultural & Technical University

Structural Repair - Webb Hall	510,000
Electrical Infrastructure (Distribution Box) Replacement	80,000
Heating, Ventilating & Air Conditioning System Improvement - Murphy Hall, Carver Hall, Benbow Hall, Sockwell Hall and Campus-wide	350,000
Heating, Ventilating & Air Conditioning System Replacement - Corbett, Noble, DeHuguley, Moore and Campus-wide	205,000
Accessibility Improvement - Campus-wide	40,000
Elevator Improvement - Murphy Hall, Corbett Hall	70,000
Steam Line Replacement - Campus-wide	395,000
Utility Meter Installation - Campus-wide	60,000
Exterior Building Repair - Dowdy, Hines, Carver, McNair and Campus-wide	25,000
Hazardous Materials Abatement Price Hall Annex and Campus-wide	45,000
Campus Farm Improvement	90,000
Improvement to Existing Space - Campus-wide	266,100
Dudley Hall Improvement	65,000
Sidewalk Repair - Campus-wide	18,000
Road Repair - Campus-wide	55,000
Safety Improvement - Campus-wide	25,000
Storm Drainage Improvement - Noble, Hines, Cherry and Campus-wide	75,000
Exterior Drainage and Groundscape Improvement - Campus-wide	17,000
Fire Safety Improvement - Campus-wide	55,000

# THE UNIVERSITY OF NORTH CAROLINA

## 2011-12 Repair and Renovation Reserve Recommended Project List

## Allocation

<b>NC Agricultural &amp; Technical University Total \$</b>		<b>2,446,100</b>
<b>NC Arboretum</b>		
Education Center Renovation		193,000
Event Storage and Fabrication Shop Renovation		90,000
Safety, Communication and Accessibility Improvement - Campus-wide		75,000
<b>NC Arboretum Total \$</b>		<b>358,000</b>
<b>NC Central University</b>		
Roof Repair - Campus-wide		75,000
Elevator Addition, Chilled/Hot Water Piping Repairs and Interior Repairs - Taylor Education Building		377,000
Elevator Installation - Home Economics (Child Development and Dent Human Services)		300,000
Elevator Equipment Replacement & Toilet Renovations - Lee Biology Building		185,000
Heating, Ventilating & Air Conditioning System Repair - Campus-wide		185,000
Interior Renovation - Hoey Administration Building		372,200
Renovate Former Band Storage Room - Fine Arts Building (Edwards Music Building Addition)		30,000
Miscellaneous Repair - Campus-wide		130,000
Storm Drainage and Road Repair - Campus-wide		50,000
<b>NC Central University Total \$</b>		<b>1,704,200</b>
<b>NC School of Science and Math</b>		
Student Safety Improvement - Electronic Access Campus-wide		100,000
Exterior Building Repair - Hunt Residence Hall*		250,000
Window & Exterior Building Repair - Connectors between Watts and Reynolds, Reynolds and Bryan		310,000
Heating, Ventilating & Air Conditioning System Improvement - Campus-wide		200,000
Steam System Repair - Campus-wide		165,000
Roadway and Drive Improvement - Campus-wide		175,000
Infrastructure Repair - Campus-wide		418,400
Lab Safety Improvement - Campus-wide		25,000
<b>NC School of Science and Math Total \$</b>		<b>1,643,400</b>
<b>NC State University</b>		
Roofing and Exterior Building Repair - College of Textiles, CMAST Building, Hodges Building		1,165,000
Heating, Ventilating & Air Conditioning System Improvement - Biological Resources Facility, Williams Hall, Pulp & Paper Building, Bitmore Hall, Robertson Hall, and Jordan Hall		835,000
Utility and Infrastructure Renovation - Main Campus		3,640,000
Connection to Central Chilled Water - Scott Hall		800,000
Energy Conservation Renovation - Phytotron Building		500,000
Energy Efficiency Improvement - Controls, Lighting, and Chilled Water Campus-wide		540,000
Fire Alarm and Sprinkler Renovation - Hill Library, Erdahl Cloyd Hall		400,000
Interior Building and Classroom Renovations - Cox Hall, Poe Hall		1,100,000

# THE UNIVERSITY OF NORTH CAROLINA

<b>2011-12 Repair and Renovation Reserve Recommended Project List</b>	<b>Allocation</b>
Electrical Substation and Distribution - Centennial Campus	375,000
Elevator Renovation - Daniels Hall	487,500
Exterior Building Repair - Monteith Building and College of Textiles	325,000
Site Work and Drainage Improvement - Centennial Biomedical Campus	495,000
ADA Accessibility Improvement - Brickyard Access West Ramp	300,000
Fall Protection for Roof Access - Park Shops, Method Buildings	150,000
<b>NC State University Total \$</b>	<b>11,112,500</b>

## UNC Asheville

Emergency Repair - Campus-wide	90,000
Fire Alarm System Replacement - Karpen Hall	250,000
Carmichael Hall Roof Replacement	200,000
Humanities Lecture Hall Roof Replacement	120,000
Road Repair - University Heights	88,400
Egress Lighting - Robinson Hall	25,000
Asbestos Abatement - Carmichael Hall	100,000
Electrical Distribution System Upgrade	60,000
Campus Drive Infrastructure Study	30,000
Karpen Hall Courtyard Repair	100,000
Lipinsky Hall Entrance Repair Study	75,000
Karpen Hall Generator Repair	25,000
Lipinsky Hall Plaza Repair	75,000
Robinson Hall Heating, Ventilating & Air Conditioning System Improvement	230,000
Ramsey Library Boiler Replacement	145,000
Duct Work Remediation - Justice Center / Student Recreation Center	30,000
<b>UNC Asheville Total \$</b>	<b>1,643,400</b>

## UNC Board of Governors

Reserve for UNC Affiliates and Contingencies	1,000,000
<b>UNC Board of Governors Total \$</b>	<b>1,000,000</b>

## UNC Center for Public Television

Interior Building Repair - Bryan Center	480,000
Transmitting and Operations Equipment Repair - Statewide	120,000
<b>UNC Center for Public Television Total \$</b>	<b>600,000</b>

## UNC Chapel Hill - Academic Affairs

Fire Suppression Sprinkler System Installation - Parker Residence Hall*, Avery Residence Hall*, Teague Residence Hall*	1,200,000
Fire Safety Improvement - Woollen Gym	1,800,000
Structural Repair - Hamilton Hall	910,000
Exterior Building Repair - Coastal Process & Environmental Health Lab	310,000

# THE UNIVERSITY OF NORTH CAROLINA

2011-12 Repair and Renovation Reserve Recommended Project List	Allocation
Structural Repair - Friday Center	235,000
Structural Repair - Manning Drive Pedestrian Bridges	100,000
Elevator Repair - Davis Library	1,250,000
Roof Replacement - Fetzer Gymnasium	2,155,000
Roof Replacement - Student Recreation Center	745,000
Heating, Ventilating & Air Conditioning System Repair - Phillips Hall	425,000
Heating, Ventilating & Air Conditioning System Repair - Battle, Vance, Pettigrew	177,000
Heating, Ventilating & Air Conditioning System Repair - Kenan Center	175,000
Heating, Ventilating & Air Conditioning System Repair - Woollen Gymnasium	800,000
Electrical System Distribution Repair - Morehead Addition	75,000
Accessibility Improvement - Campus Wide	90,000
Electrical Distribution System Improvement - Kenan Labs	80,000
Heating, Ventilating & Air Conditioning System Equipment Replacement - Hill Hall	250,000
Stormwater System Infrastructure Improvement - Central Campus	400,000
Road Repair - Skipper Bowles Drive	360,000
<b>UNC Chapel Hill - Academic Affairs Total \$</b>	<b>11,537,000</b>

## UNC Chapel Hill - Health Affairs

Structural Repair - Berryhill Hall	93,000
Roof Replacement - McGavran Greenberg	554,000
Heating, Ventilating & Air Conditioning System Repair - McGavran-Greenberg	200,000
Electrical Distribution System Improvement - Genetic Medicine	10,000
<b>UNC Chapel Hill - Health Affairs Total \$</b>	<b>857,000</b>

## UNC Charlotte

Heating, Ventilating & Air Conditioning System Improvement Phase 1 - Campus-wide	2,000,000
Building Modernization - Colvard Building	1,584,200
<b>UNC Charlotte Total \$</b>	<b>3,584,200</b>

## UNC General Administration

Roof Replacement - Meredith Riggs Spangler Building	175,000
Accessibility Improvement - Spangler Complex	62,000
Energy Efficiency Improvement - C.D. Spangler, Jr. Building	20,000
<b>UNC General Administration Total \$</b>	<b>257,000</b>

## UNC Greensboro

Campus Storm Water Piping Replacement	600,000
Steam Distribution System Replacement Phase 2 (Access Point 9 to Access Point 15)	1,605,200
Emergency Chilled Water Connection	65,000
Cone Art Roof Replacement	545,000
Cooling Tower Replacement - Heath & Human Performance Building	200,000

# THE UNIVERSITY OF NORTH CAROLINA

<b>2011-12 Repair and Renovation Reserve Recommended Project List</b>	<b>Allocation</b>
Fire Alarm Improvement - Heath & Human Performance Building - Phase 1	300,000
General Classroom/ Office Refurbishment	117,000
Eberhart Building Elevator	400,000
Heating, Ventilating & Air Conditioning System Repair and Replacement - Campus-wide	45,000
Tree Removal and Replacement	25,000
<b>UNC Greensboro Total \$</b>	<b>3,902,200</b>

## UNC Pembroke

Replace Blue Light Phones & Add Emergency Notification System - Campus-wide	107,480
Locker Room/Shower Upgrade - Jones Health & PE Complex	190,000
Install Fire Suppression System - Chavis University Center	400,000
Replace Chiller - Chavis University Center	323,400
Replace Sewer Lines and Upgrade Lift Stations - Campus-wide	110,000
Chiller and Controls Replacement - Lumbee Hall	411,400
Renovate Auditorium - Moore Hall	83,820
Roof Repair - Campus-wide	17,300
<b>UNC Pembroke Total \$</b>	<b>1,643,400</b>

## UNC School of the Arts

Electrical, Plumbing, Heating, Ventilating & Air Conditioning System Improvement - Stevens Center, Workplace, & Gray	565,000
Utility Infrastructure Improvement - Campus High Voltage Line Replacement	450,000
Interior Renovation - Workplace, Gray, Academic Facilities	200,000
Storm Drainage and Landscaping - Main Entrance and Pedestrian Bridge	103,400
Roof Replacement, Structural Repair and Waterproofing - Workplace West, Academic Facilities	250,000
Replacement of Music Building Chiller Screen Wall	75,000
<b>UNC School of the Arts Total \$</b>	<b>1,643,400</b>

## UNC Wilmington

Upgrade Fire Alarm System - Trask Complex	475,000
Upgrade Chiller Controls - Morton Hall	80,000
Replace Refrigerant Monitoring System - Dobo Hall	210,000
Replace Traffic Signal Cabinet - Racine Dr., Hurst Dr.	40,000
Replace Exterior Front Doors - Trask Coliseum	50,000
Electrical and Gas Infrastructure Improvement - Campus-wide	20,000
Sanitary Sewer System Improvement - Trask Coliseum	100,000
Energy Efficiency Improvement - Main Campus Vehicle Fuel Station to Accommodate SB-668	175,000
Natural Gas Distribution Infrastructure Improvement - Main Campus	50,000
Structural Repair - Randall Library	15,000
Electrical Transformer and Cabling Replacement - Campus-wide	100,000
Repair Intercostals Waterway Pier - Center for Marine Science	100,000
Replace Windows - Cameron Hall	195,000



# THE UNIVERSITY OF NORTH CAROLINA

<b>2011-12 Repair and Renovation Reserve Recommended Project List</b>	<b>Allocation</b>
Stormwater Infrastructure Improvement - Main Campus	100,000
Chiller Installation - Westside Central Energy Plant	50,000
Walk Repair and Improvement - Campus-wide	50,000
Road Repair - Main Campus	25,000
Steam Boilers & Exchangers Repair - Trask Coliseum	50,000
Repair Porch Columns - Alderman Hall and Kenan Hall	125,000
Upgrade Westside Central Energy Plant Controls	100,000
Irrigation System Control Repair - Campus-wide	50,000
Upgrade Heating, Ventilating & Air Conditioning System Controls - Leutze Hall	270,000
<b>UNC Wilmington Total \$</b>	<b>2,430,000</b>
<b>Western Carolina University</b>	
Roof Repair and Replacement - Killian Building	492,400
Sanitary Sewer Infrastructure Improvement -- Madison Residence Hall to Hunter Library	314,900
Water Distribution Infrastructure Improvement	225,200
Fire Alarm System Replacement - Killian Building	100,000
Elevator Upgrade - HFR Administration Building	300,000
Electrical Distribution Improvement - Fieldhouse and Stadium	367,600
Accessiblity Improvement - Campus-wide	100,000
Road and Walk Improvement - University Way, Catamount Road	166,300
<b>Western Carolina University Total \$</b>	<b>2,066,400</b>
<b>Winston-Salem State University</b>	
Server Room Backup Heating, Ventilating & Air Conditioning System	200,000
Electrical & Heating, Ventilating & Air Conditioning System Repair - Campus-wide	118,000
Water Intrusion Prevention - Campus-wide	235,000
Roof Repair - Campus-wide	288,000
Accessibility Improvement	15,000
Steam & Chilled Water Improvement	467,400
Emergency Generator Installation	320,000
<b>Winston-Salem State University Total \$</b>	<b>1,643,400</b>
<b>TOTAL \$</b>	<b>62,250,000</b>

THE UNIVERSITY OF NORTH CAROLINA  
Proposed 2011-12 Repairs and Renovations Request by Project Type

