

8. Discussion: UNC 2013-14 Repairs and Renovations .....Kevin MacNaughton

**Situation:** The enacted biennial state budget provided \$60 million to the University to complete repair and renovation projects in fiscal year 2013-14.

**Background:** The Board of Governors allocated repair and renovation funding to the campuses at their August 2013 meeting. Subsequently, UNC campuses, UNC General Administration and UNC affiliated entities identified projects to be completed with the funding.

**Assessment:** This item provides a listing of the projects for 2013-14 that have been identified for completion. These projects have been reported to the General Assembly and are being reported to the Board of Governors for information.

**Action:** This item is presented for information only.

# THE UNIVERSITY OF NORTH CAROLINA

## 2013-14 Repair and Renovation Reserve Project List - Consult

## Allocation

### Appalachian State University

Building Life Safety & Accessibility Improvements and 3rd Floor Renovation - Anne Belk Hall	2,500,026
<b>Appalachian State University Total \$</b>	<b>2,500,026</b>

### NC State University

Exterior Building Repair and Interior Building Systems Improvements - Ricks Hall	2,800,000
Primary Electrical Infrastructure Improvements - Centennial Campus	3,000,000
<b>NC State University Total \$</b>	<b>5,800,000</b>

**TOTAL \$ 8,300,026**

**of \$ 60,000,000**

# THE UNIVERSITY OF NORTH CAROLINA

## 2013-14 Repair and Renovation Reserve Project List - Report

## Allocation

### Appalachian State University

Anatomy Lab Ventilation Improvement - Holmes Convocation Center	125,000
Road & Drainage Repair - Raley Hall	357,600
<b>Appalachian State University Total \$</b>	<b>482,600</b>

### East Carolina University

Infrastructure Replacement (Phase 1) - Health Science Campus Central Utility Plant	1,860,000
Steam Distribution System Replacement - Main Campus (Bate to Rawl & Austin)	420,000
Sanitary Sewer Lines Replacement - Main Campus	285,000
Emergency Generator and Switchgear Replacement (Phase 1) - Brody Generator Building	500,000
Electrical Infrastructure Replacement - Electrical Switches #23, #24, #29, McGinnis Auditorium Transformer	352,000
Storm Drain Replacement - Main Campus Wright Building, Ragsdale Building, and McGinnis Theatre Areas	290,000
Mechanical Equipment Replacement - Whichard Building, Science & Technology Building	180,000
Road Repair - Trustees Way, Chancellors Way	112,000
Mechanical Equipment Replacement - Steam Plant and Site Steam Distribution System	260,000
Emergency Generator Replacement - Bate Building	475,000
Elevator Replacement - Fletcher Music Center	340,000
Roof Replacement - Bloxton House	50,000
Roof Replacement - Joyner Library	75,000
Emergency Generator Replacement - Jenkins Fine Arts Center	220,000
Steam Infrastructure Replacement - Main Campus - Ward Sports Medicine Building	120,000
Asbestos Abatement - Main Campus Steam Tunnel	84,834
Steam Infrastructure Replacement (Phase 2) - Health Sciences Campus	600,000
<b>East Carolina University Total \$</b>	<b>6,223,834</b>

### Elizabeth City State University

Mechanical Repairs - Central Plant	148,800
Electrical, Mechanical and Plumbing Systems Repair - Campus-wide	88,827
Roof Replacement - GR Little	250,000
Academic Building Classroom Renovations - Moore Hall	155,000
Roof Replacement & Building Repairs - Chancellor's Residence	200,000
Auditorium and Theater Seating Repair & Replacement - Moore Hall, Fine Arts	220,000
Exterior Building Repair - Dixon, Jenkins Science, Sears, Thomas Jenkins, Williams	69,800
Restroom Renovations - GR Little, Moore Hall, Thomas Jenkins	220,000
Road Repairs - Dixon Alley, Muldrow Way, Teachers Way, U-V Way	108,000
Fire Alarm System Repair and Improvements - Campus-wide	25,000
ADA Improvements - Dixon, GR Little, Jenkins Science, Moore, Thomas Jenkins, Thorpe	67,400
Utility Sub-Meter Installation - Campus-wide	40,800
Exterior Lighting and Walk Improvements - Viking Tower Area	150,000

# THE UNIVERSITY OF NORTH CAROLINA

## 2013-14 Repair and Renovation Reserve Project List - Report

## Allocation

Drainage and Landscape Repair - Campus-wide	45,000
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	<b>Elizabeth City State University Total \$ 1,788,627</b>
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### Fayetteville State University

Roof Replacement - School of Business & Economics Building	251,627
ADA & Interior Building Improvements - Campus-wide	250,000
Roof Replacement - Collins Administration Building	150,000
HVAC Upgrades - Continuing Education Building	15,000
Window Replacement - Lyons Science	500,000
Roof Repair - Chesnutt Library	150,000
HVAC & Kitchen Improvements - University Residence	12,000
Chiller Replacement - Chesnutt Hall, Butler Hall	160,000
HVAC Upgrades - Rosenthal	100,000
Exterior Stair Repair - Knuckles Science Annex	100,000
Exterior Building Repair - Butler/Barber Basement Flood Control	100,000

	<b>Fayetteville State University Total \$ 1,788,627</b>
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### NC Agricultural & Technical University

Roof Repairs - Campus-wide	78,000
Structural Repairs - Campus-wide	50,000
Electrical and Utility Infrastructure Upgrades - Campus IT HUB, North Campus	95,000
HVAC Improvements - Fort Research Center, Dowdy Hall, Bluford Library, Murphy Hall, Sebastian Hall	1,175,000
ADA Improvements - Campus-wide	70,000
Fire Safety Improvements - Bluford Library, Campus-wide	255,000
Steam Line Replacement - Campus-wide	278,937
Hazardous Materials Abatement - Campus-wide	40,000
Interior Building Improvements - Campus-wide	410,000
Walk and Drive Repair and Replacement - Campus-wide	85,000
Storm Drainage Improvement - Sgt Mitchell Drive, Campus-wide	125,000

	<b>NC Agricultural &amp; Technical University Total \$ 2,661,937</b>
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### NC Arboretum

Accessibility, Walk, and Exterior Building Improvements - Education Center	300,000
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	<b>NC Arboretum Total \$ 300,000</b>
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### NC Central University

Roof Replacement - Physical Plant, Art Museum, Duke Auditorium, Lee Biology, McDougald-McClendon Gym	143,323
Exterior Building Repair - Alexander-Dunn, Edmonds Classroom Building, Farrison-Newton	38,600
Exterior Building Repair - Hoey Administration Building	21,000
Exterior Lighting & Emergency Telephone & Safety Upgrades - Campus-wide	140,000

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## 2013-14 Repair and Renovation Reserve Project List - Report

## Allocation

Mechanical Systems Repairs, Upgrades and Retro-commissioning - Campus-wide	470,300
Steam Distribution Improvements - Campus-wide	63,000
Steam Distribution Repairs - Central Heating Plant, School of Education, BRITE Building, Townes Science	26,200
HVAC Replacement - Walker Physical Education & Recreation Complex	99,500
Cooling Tower Foundation & Drain Repair - Edmonds Classroom Building	12,600
Chilled Water System Improvement - Connect BRITE Building and Townes Science Complex	15,700
Chiller Bank 'B' Replacement - Hubbard-Totton Building	10,500
Storm Drainage Repairs - Campus-wide	157,500
Structural Study - McDougald Gymnasium	8,400
ADA and Electrical Upgrades - Dent Building	60,000
Elevator Piston Repair - School of Education	10,500
Storm Drainage and Drive Repairs - Fine Arts Building	12,600
Exterior and Interior Steps Repair - Student Health Center	78,400
Plumbing Repairs - Campus-wide	36,700
Backflow Preventers Repair and Replacement - Campus-wide	80,300
Window Replacement - Hoey Administration Building	35,700
Electrical Transformer Upgrades - Campus-wide	15,700
Exterior and Interior Building Repairs - William Jones Building	6,300
Upfit Testing Center - Taylor Education Building	265,000
<b>NC Central University Total \$</b>	<b>1,807,823</b>

### NC School of Science and Math

Exterior Repairs - Reynolds Building, Hill House	270,000
Renovation - Rex Laboratory in Watts Building	475,000
Infrastructure Repairs - Campus-wide	306,327
Roof Repairs - Hunt Residence Hall, Campus-wide	402,000
Building Systems Improvements - Friedrick Educational Technology Complex	182,500
Life Safety and ADA Improvements - Educational Technology Complex	152,800
<b>NC School of Science and Math Total \$</b>	<b>1,788,627</b>

### NC State University

Roof Replacement & Repairs -McKimmon Center, Hodges Building, Phytotron Building, Campus-wide	1,525,000
Elevator Renovations - Polk Hall, Phytotron Building	685,000
Classroom Renovations - Campus-wide	200,000
Fire Alarm Improvements - Hill Library, Biltmore Hall, College of Textiles	1,342,255
Electrical Panel Upgrade - Williams Hall, Biltmore Halls	340,000
Air Conditioning Improvements - Research III Building	500,000
Air Conditioning Improvements - Winston Hall	95,000
Life Safety Improvement - Relocate Research I Building Rooftop HVAC Units	150,000
HVAC Replacement - Veterinary Medicine Finger Barns, McKimmon Center	250,000

# THE UNIVERSITY OF NORTH CAROLINA

## 2013-14 Repair and Renovation Reserve Project List - Report

## Allocation

Clean Room System Renovation - Monteith Research Center	150,000
HVAC Replacements & Repairs - Campus-wide	400,000
Electrical Distribution Master Plan - Main Campus	469,446
Steam Distribution System Asbestos Abatement - Steam Access Points Campus-wide	150,000
Interior Renovation - Price Music Building	50,000
Storm Water System Renovation - Pullen Road, Dan Allen Drive	100,000
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<b>NC State University Total \$</b>	<b>6,406,701</b>

### UNC Asheville

Road Improvements - Intramural Fields	15,000
Electrical Improvements for Ventilation Equipment - Karpen Hall	6,000
Fire Alarm Panel Replacement - Karpen Hall	15,000
Bathroom and ADA Improvements - Karpen Hall	15,000
Road Improvements - Nut Hill	20,000
Emergency Repairs - Campus-wide	65,000
Building Structural Repair - Lipinsky Hall	300,000
Roof Replacement - Zageir Hall	490,600
Fire Alarm System Replacement - Lipinsky Hall	145,000
ADA & Road & Walk Improvements - Residential Area to Main Quad	300,000
Wayfinding Improvements - Phase II - Campus-wide	100,000
Emergency Power Improvements Design - Campus-wide	36,027
Renovations - Repurpose Owen Hall for use by Admissions and Financial Aid Departments	60,000
Chemical Vault Improvements - Zeis Hall	30,000
Emergency Notification System Improvements - Campus-wide	50,000
Electrical Panel Replacement - Carmichael Hall	15,000
Electrical Conduit Replacement - Justice Center Pool Tunnel Area	30,000
Corroded Deck Drain Lines Replacement - Justice Center	80,000
Exterior Lighting and Safety Improvements - Campus-wide	16,000
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<b>UNC Asheville Total \$</b>	<b>1,788,627</b>

### UNC Center for Public Television

HVAC Improvements - Tech Core of Bryan Center	487,000
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<b>UNC Center for Public Television Total \$</b>	<b>487,000</b>

### UNC Chapel Hill - Academic Affairs

HVAC System Replacement - Howell Hall	1,600,000
Roof Replacement & Fall Protection - Morehead Chemistry Lab	663,326
Roof Replacement & Fall Protection - Public Safety Building	385,000
Road Repairs - Skipper Bowles Drive	2,100,000
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<b>UNC Chapel Hill - Academic Affairs Total \$</b>	<b>4,748,326</b>

# THE UNIVERSITY OF NORTH CAROLINA

## 2013-14 Repair and Renovation Reserve Project List - Report

## Allocation

### UNC Chapel Hill - Health Affairs

Roof Replacement & Fall Protection, All Low Slope Roof Sectors - McGavran Greenberg	765,000
HVAC Repairs - Berryhill Hall	400,000
<b>UNC Chapel Hill - Health Affairs Total \$</b>	<b>1,165,000</b>

### UNC Charlotte

Chiller Replacement - Regional Utility Plant #1	700,000
Roof Replacements & Repairs - Nine Buildings, Campus-wide	1,732,925
Interior Building Renovation Phase 3 - Colvard Building 2nd Floor	500,000
Heating, Ventilation and Air Conditioning Replacement - Barnard Building	800,000
Exterior Building and Window Repairs - Reese Building	400,000
<b>UNC Charlotte Total \$</b>	<b>4,132,925</b>

### UNC Facilities at NC Research Campus

Exterior Building Repair	18,038
<b>UNC Facilities at NC Research Campus Total \$</b>	<b>18,038</b>

### UNC General Administration

HVAC System Improvements -- Meredith Riggs Spangler Building	1,095,062
<b>UNC General Administration Total \$</b>	<b>1,095,062</b>

### UNC Greensboro

Roof Replacement - Ferguson Building, Financial Aid Building, University Graphics & Printing Building	1,067,000
Heating, Ventilating and Air-Conditioning Replacement Phase 2 - Eberhart Building	586,000
Walk Repairs - Campus-wide	25,000
Steam & Utilities Infrastructure, Drives, and Walks Improvements - Campus-wide	1,870,199
North Practice Field Renovation	475,000
Classroom Renovations - Campus-wide	106,000
ADA Improvements - Campus-wide	125,000
<b>UNC Greensboro Total \$</b>	<b>4,254,199</b>

### UNC Pembroke

Taylor Track Replacement	500,000
Pool Coping & Side Drain Repair - Jones Athletic Center	245,000
Potable Water Line & Valve Replacement - South Campus	444,327
Boiler Replacement - Lumbee Hall	150,000
Ventilation System Replacement - Chavis University Center	100,000
HVAC Controls Replacement - Lumbee Hall	125,000
Roof Replacement - Jones Athletic Center	240,000
Window Replacement and Exterior Building Repair - Locklear Hall	98,000
Electrical System Improvements - Education Building	75,000

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## Allocation

HVAC Controls Replacement - Old Main	70,000
Roof Replacement - Pine Hall	75,000
Chilled Water Line Insulation Replacement - Jones Athletic Center	32,000
Exterior Doors Replacement, HVAC Improvements & Hazardous Material Removal - Belk Stadium	50,000
ADA Chair Lift Replacement - Moore Hall	39,300
Cooler & Freezer Replacement - Chavis University Center	45,000

**UNC Pembroke Total \$ 2,288,627**

### UNC School of the Arts

Primary Electrical Infrastructure Improvements - Campus-wide	835,000
HVAC Replacements - Film 1, Film 2, Film 3, Performance Place	405,000
Interior Building Repair - Film 2	85,000
Exterior and Structural Building Repairs - Commons, Fitness Center	260,000
HVAC Improvements - Commons, Gray, Workplace	120,000
Road, Walk, and Wayfinding Repairs and Improvements - Campus-wide	83,627

**UNC School of the Arts Total \$ 1,788,627**

### UNC Wilmington

HVAC, Life Safety, and Elevator Replacements - Social & Behavioral Science Building	1,806,300
Fire Alarm System Replacement - Warick Center	100,000
Refrigerant Monitoring System Replacement - Dobo Hall	60,000
Sanitary Sewer Repair - Trask Coliseum	100,000
Chiller Compressor Replacement - Cultural Arts Building	55,000
Utility Infrastructure Improvement - Central Energy Plant to Dobo Hall	100,000
Boiler Replacement - Dobo Hall	250,000
Cooling Tower Replacement - Morton Hall	95,000
Controls Upgrade - Burney Center Central Energy Plant	97,783

**UNC Wilmington Total \$ 2,664,083**

### Western Carolina University

Fire Alarm System Replacement - H. F. Robinson Administration Building	68,500
Fire Alarm System Replacement - Killian / Killian Annex Building	67,900
Lab Hood Ventilation Improvements - Stillwell Building	24,500
Generator Replacement - Coulter Building	60,500
Generator Replacement - Hunter Library	90,800
HVAC Controls Upgrade - Killian Annex Building	151,200
Cooling Tower Replacement - Belk Building	85,000
Steamline Repair & Replacement - Access Point 115 to Access Point 117	75,000
Walk Repair & Replacement - Campus-wide	58,657
Pedestrian Bridge Replacement - Cullowhee Creek at Picnic Area	80,000
Metering Replacements (Electrical, Water, Steam) - Campus-wide	100,000



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## Allocation

Asbestos & Lead Abatement - Campus-wide	50,000
ADA Improvements - Campus-wide	50,000
Elevator Replacement - Coulter Building	190,000
Elevator Replacement - Natural Sciences Building	180,000
Roof Replacement - Coulter Building	600,000
Telescoping Seating Platforms and Seating Replacement - Ramsey Regional Activity Center	300,000
<b>Western Carolina University Total \$</b>	<b>2,232,057</b>

### Winston-Salem State University

Central Chilled Water Loop Extension - Tie to Blair Hall	428,027
Exterior Building Repair - Hall Patterson	100,000
Window Replacement - Hall Patterson	210,000
Fire Alarm System Replacement- FL Atkins Building	275,000
Emergency Generator Installation - Thompson Student Services Center	400,000
Steam Distribution System Repairs - Campus-wide	200,000
Roof Replacement - Gaines Complex	70,000
Road Repairs - Along Cromartie Street	75,600
Roof Repairs - Old Nursing, Physical Plant Building	30,000
<b>Winston-Salem State University Total \$</b>	<b>1,788,627</b>

**TOTAL \$ 51,699,974**

**of \$ 60,000,000**