

**THE UNIVERSITY OF NORTH CAROLINA SYSTEM**  
**2018-19 Repairs and Renovations Projects**

<b>Appalachian State University</b>	<b>1,738,446</b>	
<b>Roof repairs and replacements</b>	<b>1,575,000</b>	
Founder's Hall Roof replacement		375,000
Garwood Hall - Roof Replacement		1,200,000
<b>Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks</b>	<b>163,446</b>	
Asbestos, lead paint, and other contaminants removal		163,446
<b>East Carolina University</b>	<b>2,767,091</b>	
<b>Roof repairs and replacements</b>	<b>216,091</b>	
Replace Graham Building Roof. Supplemental funding for R&R17-18 project		96,091
Replace Built-up Roof for Financial Services Building - roof installed 1992 is at the end of its useful life and must be replaced.		120,000
<b>Structural repairs</b>	<b>325,000</b>	
Repair limestone panel at Brewster Building - Freeze/thaw cycle causing large pieces of limestone to break off. Stairs are spalling and have been temporarily repaired. A study was complete June '18 identifying recommended repairs.		325,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>1,115,000</b>	
Replace existing main campus medium voltage Sectionalizing Switch SS 17 and adding a new tie-switch needed to connect 2 electrical Points of Delivery serving the main campus. Supplemental funding for R&R17-18 project.		350,000
Replace Strobic Air Laboratory exhaust on Health Science Brody Building. Existing fan is experiencing bearing failure. Due to its location on roof of Brody, full fan replacement is needed and the existing unit will be repaired and kept as a spare.		175,000
Replace Chillers for Carol Belk Building - Remove two existing Air Cooled Chillers (125 ton and 80 ton) and install one new 200 ton Air Cooled Chiller of higher efficiency.		200,000
Replace Health Science Campus Heat Plant Deaerator (DA) Tank - Existing DA Tank is deteriorated leading to elevated levels of oxygen and the erosion of the tanks walls. Tank must be replaced.		270,000
Replace of variable frequency drives (VFD) in Heath Science Heat Plant and several campus buildings. HVAC system VFD's are beyond their useful life and subject to failure.		120,000
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>276,000</b>	
Repair and Upgrade Existing Elevators for Bate Building (2) - Complete Modernization of 3-floor hydraulic elevators for ADA requirements and operational needs.		276,000

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<b>Improvements to meet fire safety needs</b>	<b>340,000</b>	
Replace Existing Fire Alarm System for Greenville Centre – Replace existing fire alarm system with up-dated fully addressable system with new control panel, annunciator, and field devices.		160,000
Replace Existing Fire Alarm System for Bate Building – Replace existing fire alarm system with up-dated fully addressable system with new control panel, annunciator, and field devices.		180,000
<b>Improvements and renovations to improve use of existing space</b>	<b>120,000</b>	
Repair water intrusion, control mold and mildew with Low pressure power washing of Brody Building east building façade followed by application of penetrating water resistant sealer.		120,000
<b>Drainage and landscape improvements</b>	<b>375,000</b>	
Replace of deteriorated terracotta sanitary sewer piping serving Joyner East.		375,000
<b>Elizabeth City State University</b>	<b>2,324,885</b>	
<b>Roof repairs and replacements</b>	<b>234,885</b>	
Griffin Hall - replace roof		175,000
Roof repairs- Thomas Jenkins, Johnson, Jenkins Science, Vaughan, Williams		25,000
Vaughan Pool - repair roof		34,885
<b>Structural repairs</b>	<b>144,500</b>	
Exterior painting - exposed metal (lintels, door frames, doors)		45,000
Television Station - soffit repairs		8,000
Waterproof exterior brick - Fine Arts, Trigg, Williams		65,000
Central Plant - bird proofing		6,500
Student Center - bat proofing		20,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>888,212</b>	
Bedell - add heat to kitchen		86,700
Replace Vaughan switchgear		121,000
Campus PME misc repairs		200,000
Central Plant - move sand filter		14,200
Bedell - replace HV cable		51,344
Central Plant - replace BAS control system		96,768
Central Plant - add chiller		172,000
Commuter Center - ductwork and boiler		53,200
Fine Arts - AHU Repairs and TAB		68,000
Replace Itron meter software		25,000
<b>Improvements to meet fire safety needs</b>	<b>25,000</b>	
Fire alarm repairs		25,000
<b>Improvements to existing facilities for energy efficiency</b>	<b>25,000</b>	
Replace parking lamps with LED fixtures		25,000
<b>Improvements and renovations to improve use of existing space</b>	<b>969,149</b>	
Bedell - interior repairs, restroom upgrades		134,500

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Flooring repairs - Dixon,Vaughan		21,149
Butler - interior upfit		715,000
Thorpe - soundproofing		1,500
Vaughan - locker room microshield		22,000
Williams - radio station upfit		75,000
<b>Drainage and landscape improvements</b>	<b>38,139</b>	
Landscaping		38,139
<b>Fayetteville State University</b>	<b>1,580,468</b>	
<b>Roof repairs and replacements</b>	<b>150,000</b>	
Supplement to 2017-18 Capel Arena and College of Bus. & Econ. Roof Projects		150,000
<b>Structural repairs</b>	<b>582,000</b>	
College of Business & Economics 3rd Floor Window Replacement		582,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>528,468</b>	
Seabrook Chiller Replacement		260,000
Butler Cooling Tower Replacement		150,000
Butler AHU Replacement		118,468
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>40,000</b>	
Campus-wide Accessibility Improvements		40,000
<b>Improvements to meet fire safety needs</b>	<b>280,000</b>	
Butler Fire Alarm Replacement		280,000
<b>North Carolina A&amp;T State University</b>	<b>1,393,521</b>	
<b>Roof repairs and replacements</b>	<b>539,461</b>	
Merrick Hall Roof Replacement		464,461
Academic Classroom Auditorium Roof Replacement		75,000
<b>Repairs and renovations to meet federal and state standards</b>	<b>293,633</b>	
Corbett, Marteen and Bluford Generator Replacement		293,633
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>18,093</b>	
Replace Pumps University Fountain		18,093
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>472,334</b>	
Improvements to meet the requirements of the ADA - Carver Hall Elevator		472,334
<b>Improvements to meet fire safety needs</b>	<b>15,000</b>	
Improvements to meet Fire Safety Needs campus-wide		15,000
<b>Improvements and renovations to improve use of existing space</b>	<b>25,000</b>	
Miscellaneous Improvements Campus-wide		25,000
<b>Historical restoration</b>	<b>10,000</b>	
Historical Restoration Campus-wide		10,000
<b>Improvements to roads, walks, drives, utilities infrastructure</b>	<b>10,000</b>	
Drainage and landscape improvements campus-wide		10,000

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<b>Drainage and landscape improvements</b>	<b>10,000</b>	
Drainage and landscape improvements campus-wide		10,000
<b>NC Central University</b>	<b>1,820,385</b>	
<b>Roof repairs and replacements</b>	<b>75,000</b>	
Fine Arts Building - Roof replacement		75,000
<b>Structural repairs</b>	<b>225,000</b>	
Taylor Education Building - Exterior repairs to prevent water intrusion		75,000
LT Walker Complex - Exterior brick repairs		150,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>525,000</b>	
Mary Townes/BRITE - Interconnect chiller piping for critical redundancy for labs		75,000
Student Services building - Replace chiller		125,000
Lee Biology - Replace air handlers and install new dedicated outside air systems		200,000
Turner Law - CHW piping modifications and cooling tower replacement		125,000
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>100,000</b>	
Campus-Wide ADA Upgrades -- Repair and replace campus pathways to improve accessibility		100,000
<b>Improvements to meet fire safety needs</b>	<b>50,000</b>	
Upgrade or replace various campus fire alarms/life safety systems per FCAP recommendations		50,000
<b>Improvements to existing facilities for energy efficiency</b>	<b>250,385</b>	
Shepard, William-Jones, Dent exterior lighting controls integration to building automation system		70,000
Fine Arts - Retro-Commissioning and air handlers replacement/integration to controls		120,000
Alexander Dunn - Replace obsolete building automation system		60,385
<b>Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks</b>	<b>50,000</b>	
Campus-wide - Asbestos/Mold remediation/Contaminants removal		50,000
<b>Improvements and renovations to improve use of existing space</b>	<b>145,000</b>	
Renovation of Physical Plant to accommodate relocation of demolished Housekeeping office		145,000
<b>Improvements to roads, walks, drives, utilities infrastructure</b>	<b>275,000</b>	
Campus-wide emergency generator repairs		75,000
Campus-wide exterior lighting improvements to support Safety and Security		50,000
Campus-wide steam system repairs		150,000
<b>Drainage and landscape improvements</b>	<b>125,000</b>	
Brant Street, Centennial Garden, Chapel, Shepard House, Mary Townes and Eagleson area drainage and landscape improvements		125,000

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<b>North Carolina State University</b>	<b>3,902,793</b>	
<b>Roof repairs and replacements</b>	<b>235,000</b>	
Roof Repairs and Waterproofing on multiple buildings		235,000
<b>Structural repairs</b>	<b>425,000</b>	
Structural Masonry repairs at Monteith Research Center		425,000
<b>Repairs and renovations to meet federal and state standards</b>	<b>140,000</b>	
Fall Protection on multiple buildings		140,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>450,000</b>	
Building Automation Control Systems upgrades		450,000
<b>Improvements to meet fire safety needs</b>	<b>640,000</b>	
Fire Alarm System Repair and Replacement		640,000
<b>Improvements and renovations to improve use of existing space</b>	<b>1,812,793</b>	
Renovations for Varsity Research Building, Module 1		400,000
Miscellaneous Classroom Upgrades		292,793
Improvements and Renovation for Polk Hall Lab		445,000
Security/Key upgrade - Phase 1		175,000
North Entry Security/Building Code Upgrades - Erdahl-Cloyd Wing		500,000
<b>Improvements to roads, walks, drives, utilities infrastructure</b>	<b>200,000</b>	
Steam System repair projects		200,000
<b>UNC Asheville</b>	<b>1,559,700</b>	
<b>Roof repairs and replacements</b>	<b>45,000</b>	
Campus-wide - Building Roofs - Installation of Permanent Fall Protection Systems for Employees - Phase 1		45,000
<b>Repairs and renovations to meet federal and state standards</b>	<b>200,000</b>	
Justice Center - Address life safety issues related to OSFM Report and FCAP, Phase 1.		100,000
Lipinsky Hall - Address life safety issues related to OSFM Report and FCAP, Phase 1.		100,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>329,700</b>	
Campus-wide - Install master water meter on campus		150,000
Campus-wide - Unanticipated Emergency Repairs		179,700
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>460,000</b>	
Karpen Hall - Renovate restrooms building-wide to include new fixtures, countertops and finishes. All restrooms will be brought up to current accessibility requirements. Phase 1		260,000
Ramsey Library - Renovate restrooms building-wide to include new fixtures, countertops and finishes. All restrooms will be brought up to current accessibility requirements. Phase 1		100,000
Campus-wide - Phase IV ADA Improvements		100,000

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<b>Improvements to meet fire safety needs</b>	<b>100,000</b>	
Phillips Hall - Fire Alarm System Upgrade to Class A System (OSFM #15-6-8)		90,000
Campus-wide - Fire Door Repairs - Phase I		10,000
<b>Improvements to existing facilities for energy efficiency</b>	<b>50,000</b>	
Campus-wide - Install sub metering in all buildings - water, gas, electric, domestic hot water, rain water systems, and heating and chilled water - Phase I		50,000
<b>Improvements and renovations to improve use of existing space</b>	<b>375,000</b>	
Campus-wide - Install access control on exterior doors of all Academic Buildings and interior classroom door locks Phase IV		290,000
Ramsey Library - Convert Red Oak Room to an Art Gallery - Space Utilization		60,000
Campus-wide - Install CCTV Digital Security Camera System - Phase III		25,000
<b>University of North Carolina at Chapel Hill</b>	<b>4,060,204</b>	
<b>Roof repairs and replacements</b>	<b>250,000</b>	
Repair Copper Dome Roof and Install Roof Fall Protection - Morehead Planetarium and Science Center		250,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>2,970,604</b>	
Install Lightning Protection System - Institute of Marine Sciences (IMS) Coker Hall, Coastal Processes, Fisheries Research Lab		78,604
Repairs to Electrical Distribution System - Institute of Marine Sciences (IMS) Fisheries Research Lab		15,000
Replace Main Distribution Electrical Panel, Bus Duct, and Transformers - Kenan Labs		750,000
Replace Air Handling Unit 1, Ductwork, and Terminal Units - Institute of Marine Sciences (IMS) Fisheries Research Lab		455,000
Replace Air Handling Units 3 and 4 - Morehead Planetarium and Science Center		500,000
Repair Air Handling Units 1 and 2, Replace Chilled Water Control Valve and Water Heater - Institute of Marine Sciences (IMS) Coastal Process Building		172,000
HVAC and Electrical Systems Improvements - Art Lab		1,000,000
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>265,000</b>	
Replace Wheelchair Lift - Peabody Hall		45,000
Modify Restrooms and Path of Travel to Meet ADA - Art Lab		220,000
<b>Improvements to meet fire safety needs</b>	<b>148,000</b>	
Replace Fire Alarm Panels and Field Devices - Dey Hall, Hanes Hall, 134 East Franklin Street		148,000
<b>Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks</b>	<b>165,000</b>	
Abate Asbestos Containing Materials in Classrooms 01 and 15 - Carrington Hall		165,000

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<b>Improvements and renovations to improve use of existing space</b>	<b>261,600</b>	
Replace Wall, Floor Finishes, Lighting Fixtures, and Classroom Seating		261,600
<b>University of North Carolina at Charlotte</b>	<b>1,800,520</b>	
<b>Roof repairs and replacements</b>	<b>1,300,000</b>	
Roof replacements - Various Buildings (Atkins, Storrs, Memorial Hall)		1,300,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>500,520</b>	
HVAC repairs and upgrades - Various Buildings		500,520
<b>The University of North Carolina at Greensboro</b>	<b>1,501,947</b>	
<b>Structural repairs</b>	<b>350,000</b>	
Graham Building Roof Replacement		350,000
<b>Repairs and renovations to meet federal and state standards</b>	<b>50,000</b>	
Taylor Theatre Safety Renovations		50,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>281,947</b>	
Jackson Library Chiller Rebuild		140,000
Mossman Building Transformer Replacement		70,000
Campus-Wide Building Controls Conversion		40,000
Campus-Wide Generator ATS Upgrade		31,947
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>170,000</b>	
Bryan Building Elevator Modernization		150,000
Family Research Center Access Ramp		20,000
<b>Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks</b>	<b>50,000</b>	
Hazardous Materials Removal Campus-Wide		50,000
<b>Improvements to roads, walks, drives, utilities infrastructure</b>	<b>600,000</b>	
Steam System Replacement - Phase IV Supplement		600,000
<b>The University of North Carolina at Pembroke</b>	<b>725,702</b>	
<b>Roof repairs and replacements</b>	<b>100,000</b>	
Roof renewal academic spaces		100,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>375,000</b>	
HVAC renewal in academic spaces		375,000
<b>Improvements and renovations to improve use of existing space</b>	<b>250,702</b>	
Improvements to academic spaces		250,702

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<b>University of North Carolina at Wilmington</b>	<b>839,523</b>	
<b>Roof repairs and replacements</b>	<b>229,049</b>	
Trask Complex Roof Repairs		85,233
Facilities and University Police Buildings Roofing Repairs		143,816
<b>Structural repairs</b>	<b>487,953</b>	
Alderman Hall Exterior Windows, Doors, and Painting		131,044
Bear Hall Exterior Windows, Door and Painting		186,445
DeLoach Hall Exterior Windows, Doors, and Painting		170,464
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>122,521</b>	
Cultural Arts Building Mechanical Room Conditioning		122,521
<b>University of North Carolina School of the Arts</b>	<b>2,036,583</b>	
<b>Roof repairs and replacements</b>	<b>573,583</b>	
Stevens Center - Roof Rehabilitation		100,000
School of Music - Supplement to repair roof and improve waterproofing		123,583
Design and Production - Replace roof and Insulation		350,000
<b>Structural repairs</b>	<b>345,000</b>	
Public Relations Office - Structural Repairs		20,000
Workplace West - Replace Windows		275,000
Housekeeping Services - Structural Repairs		50,000
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>568,000</b>	
Buck Building - Phase 2 HVAC and Controls		125,000
Workplace - Replace Return Fan Workplace (Dance first floor)		30,000
Welcome Center - Replace Boiler HW & CW Pumps		125,000
Admin Annex - Replace HVAC unit		13,000
Stevens Center - Replace HVAC Controls		75,000
Gray - Replace AHU's Dance Studio		200,000
<b>Improvements to meet fire safety needs</b>	<b>150,000</b>	
Campus-wide Arc Flash Study Phase 1 of 3		75,000
Stevens Center - Replace Fire Alarm Panel		75,000
<b>Improvements and renovations to improve use of existing space</b>	<b>350,000</b>	
Workplace - Replace Flooring, Ceiling Tiles and Paint - (Drama)		50,000
Design and Production - Replace Flooring Classrooms Halls & Shops		250,000
Gray - Renovate classrooms and building finishes.		50,000
<b>Drainage and landscape improvements</b>	<b>50,000</b>	
Campus Grounds - Wayfinding and Signage		50,000
<b>Western Carolina University</b>	<b>1,135,239</b>	
<b>Roof repairs and replacements</b>	<b>85,000</b>	
Partial Roof Replacement-Moore Building		85,000

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<b>Structural repairs</b>	<b>290,000</b>	
Ramsey Regional Activities Center Entrance Canopies		290,000
<b>Improvements and renovations to improve use of existing space</b>	<b>445,239</b>	
Minor Building Renovations - Campus-wide		285,239
Elevator Replacement - Hunter Library		160,000
<b>Improvements to roads, walks, drives, utilities infrastructure</b>	<b>315,000</b>	
Infrastructure Improvements - Campus-wide		215,000
Pavement Repairs - Campus-wide		100,000
<b>Winston-Salem State University</b>	<b>2,000,752</b>	
<b>Roof repairs and replacements</b>	<b>100,000</b>	
Campus-wide Roof Repairs		100,000
<b>Structural repairs</b>	<b>75,000</b>	
C.E. Gaines Center: Replace windows in pool area above seating.		75,000
<b>Repairs and renovations to meet federal and state standards</b>	<b>-</b>	
<b>Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems</b>	<b>445,000</b>	
Computer Science Bldg: Repair Steam Leak in Yard; Mechanical Upgrades; HVAC Control System upgrade to DDC control.		295,000
Campus-Wide: HVAC and Controls Repairs/Upgrades		150,000
<b>Improvements to meet the requirements of the Americans with Disabilities Act</b>	<b>53,000</b>	
ADA Improvements		53,000
<b>Improvements to meet fire safety needs</b>	<b>32,752</b>	
Blair Hall Administration: Provide Emergency Egress Lighting at exit discharges.		9,752
Carolina Hall: Provide Emergency Egress Lighting at exit discharges.		11,000
Hall-Patterson Building: Provide Emergency Egress Lighting at exit discharges.		12,000
<b>Improvements to existing facilities for energy efficiency</b>	<b>60,000</b>	
Energy Efficiency Improvements		60,000
<b>Improvements and renovations to improve use of existing space</b>	<b>945,000</b>	
1602 Lowery St.: Phase 2 -Up-fit for Relocation of Physical Plant Operations		945,000
<b>Improvements to roads, walks, drives, utilities infrastructure</b>	<b>250,000</b>	
Campus-wide: Parking Lot & Road Repairs; Sidewalk Improvements		115,000
Campus-wide: FCAP Repairs: Storm Drainage; Steam Condensate and Chilled Water Distribution		135,000
<b>Drainage and landscape improvements</b>	<b>40,000</b>	
O'Kelly Library: Entry Plaza Drainage Improvements		40,000
<b>North Carolina School Of Science And Mathematics</b>	<b>928,093</b>	
<b>Roof repairs and replacements</b>	<b>900,082</b>	
Reynolds C Roof Replacement		450,041
Reynolds E Roof Replacement		450,041

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<b>Structural repairs</b>	<b>28,011</b>	
Misc. Structural Repairs		28,011
<b>University of North Carolina General Administration</b>	<b>283,613</b>	
Spangler Center Renovations		283,613
<b>TOTAL</b>	<b>\$ 32,399,465</b>	