

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

Appalachian State University	1,738,446	
Roof repairs and replacements	1,575,000	
Founder's Hall Roof replacement		375,000
Garwood Hall - Roof Replacement		1,200,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	163,446	
Asbestos, lead paint, and other contaminants removal		163,446
East Carolina University	2,767,091	
Roof repairs and replacements	216,091	
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
Structural repairs	325,000	
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
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	1,115,000	
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
Improvements to meet the requirements of the Americans with Disabilities Act	276,000	
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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Improvements to meet fire safety needs	340,000	
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
Improvements and renovations to improve use of existing space	120,000	
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
Drainage and landscape improvements	375,000	
Replace of deteriorated terracotta sanitary sewer piping serving Joyner East.		375,000
Elizabeth City State University	2,324,885	
Roof repairs and replacements	234,885	
Griffin Hall - replace roof		175,000
Roof repairs- Thomas Jenkins, Johnson, Jenkins Science, Vaughan, Williams		25,000
Vaughan Pool - repair roof		34,885
Structural repairs	144,500	
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
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	888,212	
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
Improvements to meet fire safety needs	25,000	
Fire alarm repairs		25,000
Improvements to existing facilities for energy efficiency	25,000	
Replace parking lamps with LED fixtures		25,000
Improvements and renovations to improve use of existing space	969,149	
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
Drainage and landscape improvements	38,139	
Landscaping		38,139
Fayetteville State University	1,580,468	
Roof repairs and replacements	150,000	
Supplement to 2017-18 Capel Arena and College of Bus. & Econ. Roof Projects		150,000
Structural repairs	582,000	
College of Business & Economics 3rd Floor Window Replacement		582,000
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	528,468	
Seabrook Chiller Replacement		260,000
Butler Cooling Tower Replacement		150,000
Butler AHU Replacement		118,468
Improvements to meet the requirements of the Americans with Disabilities Act	40,000	
Campus-wide Accessibility Improvements		40,000
Improvements to meet fire safety needs	280,000	
Butler Fire Alarm Replacement		280,000
North Carolina A&T State University	1,393,521	
Roof repairs and replacements	539,461	
Merrick Hall Roof Replacement		464,461
Academic Classroom Auditorium Roof Replacement		75,000
Repairs and renovations to meet federal and state standards	293,633	
Corbett, Marteen and Bluford Generator Replacement		293,633
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	18,093	
Replace Pumps University Fountain		18,093
Improvements to meet the requirements of the Americans with Disabilities Act	472,334	
Improvements to meet the requirements of the ADA - Carver Hall Elevator		472,334
Improvements to meet fire safety needs	15,000	
Improvements to meet Fire Safety Needs campus-wide		15,000
Improvements and renovations to improve use of existing space	25,000	
Miscellaneous Improvements Campus-wide		25,000
Historical restoration	10,000	
Historical Restoration Campus-wide		10,000
Improvements to roads, walks, drives, utilities infrastructure	10,000	
Drainage and landscape improvements campus-wide		10,000

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Drainage and landscape improvements	10,000	
Drainage and landscape improvements campus-wide		10,000
NC Central University	1,820,385	
Roof repairs and replacements	95,000	
Fine Arts Building - Roof replacement		75,000
Chancellor's Box/Press Box - Roof replacement		20,000
Structural repairs	225,000	
Taylor Education Building - Exterior repairs to prevent water intrusion		75,000
LT Walker Complex - Exterior brick repairs		150,000
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	525,000	
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
Improvements to meet the requirements of the Americans with Disabilities Act	100,000	
Campus-Wide ADA Upgrades -- Repair and replace campus pathways to improve accessibility		100,000
Improvements to meet fire safety needs	50,000	
Upgrade or replace various campus fire alarms/life safety systems per FCAP recommendations		50,000
Improvements to existing facilities for energy efficiency	250,385	
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
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	50,000	
Campus-wide - Asbestos/Mold remediation/Contaminants removal		50,000
Improvements and renovations to improve use of existing space	125,000	
Renovation of Physical Plant to accommodate relocation of demolished Housekeeping office		125,000
Improvements to roads, walks, drives, utilities infrastructure	275,000	
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
Drainage and landscape improvements	125,000	
Brant Street, Centennial Garden, Chapel, Shepard House, Mary Townes and Eagleson area drainage and landscape improvements		125,000

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North Carolina State University	3,902,793	
Roof repairs and replacements	235,000	
Roof Repairs and Waterproofing on multiple buildings		235,000
Structural repairs	425,000	
Structural Masonry repairs at Monteith Research Center		425,000
Repairs and renovations to meet federal and state standards	140,000	
Fall Protection on multiple buildings		140,000
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	450,000	
Building Automation Control Systems upgrades		450,000
Improvements to meet fire safety needs	640,000	
Fire Alarm System Repair and Replacement		640,000
Improvements and renovations to improve use of existing space	1,812,793	
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
Improvements to roads, walks, drives, utilities infrastructure	200,000	
Steam System repair projects		200,000
UNC Asheville	1,559,700	
Roof repairs and replacements	45,000	
Campus-wide - Building Roofs - Installation of Permanent Fall Protection Systems for Employees - Phase 1		45,000
Repairs and renovations to meet federal and state standards	200,000	
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
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	329,700	
Campus-wide - Install master water meter on campus		150,000
Campus-wide - Unanticipated Emergency Repairs		179,700
Improvements to meet the requirements of the Americans with Disabilities Act	460,000	
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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Improvements to meet fire safety needs	100,000	
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
Improvements to existing facilities for energy efficiency	50,000	
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
Improvements and renovations to improve use of existing space	375,000	
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
University of North Carolina at Chapel Hill	4,060,204	
Roof repairs and replacements	250,000	
Repair Copper Dome Roof and Install Roof Fall Protection - Morehead Planetarium and Science Center		250,000
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	2,970,604	
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
Improvements to meet the requirements of the Americans with Disabilities Act	265,000	
Replace Wheelchair Lift - Peabody Hall		45,000
Modify Restrooms and Path of Travel to Meet ADA - Art Lab		220,000
Improvements to meet fire safety needs	148,000	
Replace Fire Alarm Panels and Field Devices - Dey Hall, Hanes Hall, 134 East Franklin Street		148,000
Improvements to remove asbestos, lead paint, and other contaminants, including the removal and replacement of underground storage tanks	165,000	
Abate Asbestos Containing Materials in Classrooms 01 and 15 - Carrington Hall		165,000

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

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University of North Carolina at Wilmington	839,523	
Roof repairs and replacements	229,049	
Trask Complex Roof Repairs		85,233
Facilities and University Police Buildings Roofing Repairs		143,816
Structural repairs	487,953	
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
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	122,521	
Cultural Arts Building Mechanical Room Conditioning		122,521
University of North Carolina School of the Arts	2,036,583	
Roof repairs and replacements	573,583	
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
Structural repairs	345,000	
Public Relations Office - Structural Repairs		20,000
Workplace West - Replace Windows		275,000
Housekeeping Services - Structural Repairs		50,000
Repairs to or installation of new electrical, plumbing and heating, ventilating, and air-conditioning systems	568,000	
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
Improvements to meet fire safety needs	150,000	
Campus-wide Arc Flash Study Phase 1 of 3		75,000
Stevens Center - Replace Fire Alarm Panel		75,000
Improvements and renovations to improve use of existing space	350,000	
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
Drainage and landscape improvements	50,000	
Campus Grounds - Wayfinding and Signage		50,000
Western Carolina University	1,135,239	
Roof repairs and replacements	85,000	
Partial Roof Replacement-Moore Building		85,000

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

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