

FY2023-24 MAINTENANCE REPAIR AND RENOVATION PROJECTS

Proposed for Board Approval - January 25, 2024

	Project Authorization per S.L. 2021-180	Additional R&R Authorizations	FY21-22 \$60M	FY22-23 \$60M	FY23-24 \$50M	Reallocated funds
APPALACHIAN STATE UNIVERSITY	\$8,150,000	\$2,220,779	\$3,198,431	\$3,290,398	\$2,581,950	
Walker Hall HVAC Repair & Upgrades	\$500,000		\$500,000			
Campus-wide Electronic Door Access Installation	\$1,500,000		\$1,500,000			
Holmes Convocation Center Chiller	\$200,000		\$200,000			
BB Dougherty Chiller Repair	\$100,000		\$100,000			
Anne Belk Hall Hot Water Piping Replacement	\$500,000		\$500,000			
Holmes Convocation Center VAV Replacement	\$150,000		\$150,000			
Peacock Elevator Upgrade	\$200,000		\$200,000			
Walker Hall Envelope & Structural Repair	\$1,300,000			\$1,300,000		
Chapell Wilson Gutter/Soffit/Roof Replacement	\$600,000			\$600,000		
Smith Wright Hall Roof Repair & Replacement	\$1,000,000			\$1,000,000		
Facilities Operations/Motor pool Wall Repairs	\$300,000			\$300,000		
John E. Thomas Chiller Compressor Upgrades	\$250,000				\$250,000	
University Hall Sprinkler System	\$250,000				\$250,000	
Edwin Duncan Hall HVAC & Lighting Improvements	\$800,000					
John E. Thomas Envelope	\$300,000					
Howard Street Hall Road Opening	\$200,000					
Varsity Gym Exterior Doors		\$80,000				\$80,000
L.S. Dougherty Bldg Envelope/Mini-splits		\$750,000			\$750,000	
Watson Brummit Hall Roof Replacement		\$600,000			\$600,000	
Schaefer Center HVAC Upgrades		\$500,000			\$500,000	
Academic Building Chiller Replacements (Peacock)		\$290,779			\$231,950	\$58,829
2021-22 Cost Escalation and Contingency Reserve			\$48,431			-\$48,431
2022-23 Cost Escalation and Contingency Reserve				\$90,398		-\$90,398
2023-24 Cost Escalation and Contingency Reserve					\$0	
EAST CAROLINA UNIVERSITY	\$13,560,134	\$6,627,817	\$5,024,712	\$4,988,435	\$3,685,817	
Brody Building Freight Elevators-Emergency Power	\$250,000					
Science & Technology-Replace Roof	\$400,000					
Main Campus Steam Plant-Install Steam Blanket for Boilers	\$100,000					
Brewster-HVAC Controls Optimization/D Wing	\$400,000					
Central Chiller Plant w/Controls Upgrade	\$300,000					
Carol Belk Building-HVAC System (Specific Variable Air Volume	\$300,000					
Repair & Repave Service Drive at West End Dining/Behind White Residence Hall	\$150,000					
Warren Life Sciences-Replace Roof-Section B	\$300,000	\$89,354	\$375,000	\$25,000		-\$10,646
McGinnis Scene Shop-Replace Roof	\$100,000	\$67,920		\$200,000		-\$32,080
Old Cafeteria & Ragsdale Annex-Replace Roof	\$240,000	-\$142,597		\$240,000		-\$142,597
Health Science Campus Catwalks/Central Utility Plant	\$225,000		\$225,000			
Bate Upgrade Elevators (2)	\$350,000		\$350,000			
Christenbury-Replace Roof	\$410,000		\$410,000			
Brody Building Envelope Infiltration Repairs, Phase 1*	\$1,500,000		\$1,200,000			
Brody Chilled Water Loop Valve Replacement	\$100,000		\$100,000			
Jenkins Art North Building Envelope Repairs	\$1,750,000	\$200,000	\$1,750,000	\$200,000		
Old Cafeteria Building-Install Steam Manhole & Replace Piping	\$300,000	\$100,000	\$300,000	\$100,000		
Wright Building/Wright Auditorium-Fire Alarm System Upgrade	\$300,000	\$175,000	\$300,000	\$175,000		
Rivers-Replace Roof (complete roof replacement)	\$300,000	\$1,200,000		\$1,500,000		
Messick-Upgrade/Replace Elevator	\$150,000	\$150,000		\$300,000		
Building 127-Upgrade/Replace Elevator	\$150,000	\$150,000		\$300,000		
McGinnis Auditorium-Upgrade/Replace Elevator	\$300,000			\$300,000		
Warren Life Sciences-Extend Sprinkler System to Original Section	\$181,000	\$99,000		\$280,000		
Biotechnology Building-Upgrade Laboratory Exhaust System	\$452,000	\$448,000		\$700,000	\$200,000	
Brody School of Medicine-Replace Computer Room Air Conditioning Units	\$200,000			\$50,000		
Health Science Campus Central Utility Plant Transformers 1 & 2	\$404,000					
Brody-Inline Fan Replacement, Phase 1	\$200,000					
Jenkins Art-Replace Distribution Sub Panels, Westside Jenkins Art	\$225,000					
Coastal Studies Annex-Repair & Coat Siding & Roofing	\$100,000					
School of Dental Medicine/Comm. Svc. Learning Ctrs. Upgrades (HVAC & Indoor Air Quality)	\$203,000					
Greenville Centre-HVAC Controls Upgrade	\$300,000					
Old Cafeteria Building Controls Upgrade (Specific Direct Digital Control)	\$300,000					
Rivers Building-HVAC System (Specific Variable Air Volume)	\$300,000					
Austin Building-Air Handlers Replacement	\$1,500,000					
Main Campus-Replace Power Distribution System Steam Plant	\$250,000					
Biotechnology Building-Replace Exhaust Fans	\$130,134					
Cotanche Data Center - Renovation to Improve Fire Protection System in Data Rooms (Specific FM 200)	\$210,000					
Building 43-Upgrade Freight Elevator/Replace Shaft and Jack	\$230,000				\$180,000	
Jenkins Art Gray Gallery AHU-4 Replacement		\$445,323		\$260,000		\$185,323
Old Café Cashier's Office HVAC System Replacement		\$150,000		\$150,000		
Joyner Library AHU-1 Replacement (Legal Records)		\$280,000		\$90,000	\$190,000	
Old Cafeteria Replace Roof		\$1,316,567			\$1,316,567	
Speight Roof		\$175,000			\$175,000	
Brewster Fire Alarm Upgrade		\$300,000			\$300,000	
Beckwith Drive Sanitary Sewer Replacement		\$312,250			\$212,250	\$100,000
Ragsdale Upgrade Fire Alarm System		\$200,000			\$200,000	
Minges Pool AHU Replacement		\$349,000			\$349,000	
Biotechnology Building Replace Fire Alarm Control Panel and Devices		\$263,000			\$263,000	
Warren Life Sciences Envelope Repair		\$200,000			\$200,000	

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<i>Ward Sports Medicine Storm Water Repair</i>		\$100,000			\$100,000	
<i>2021-22 Cost Escalation and Contingency Reserve</i>			\$14,712			-\$14,712
<i>2022-23 Cost Escalation and Contingency Reserve</i>				\$118,435		-\$85,288
<i>2023-24 Cost Escalation and Contingency Reserve</i>					\$0	
ELIZABETH CITY STATE UNIVERSITY	\$2,795,000	\$4,750,000	\$2,000,000	\$2,000,000	\$2,000,000	
Vaughn Center–Repair Student Phys. Ed. Learning Spaces–(Pool, flooring, ceilings & building envelope)	\$550,000					
Lester Hall–Demolition**	\$495,000					
Underground Infrastructure–(Replace all campus plumbing gate valves/infrastructure for fire pump)**	\$150,000					
Underground Infrastructure–(Replace 6-in. with 8-in. line to improve water volume/Campus North)**	\$300,000					
Jenkins Hall, Phase 2–Renovation of Laboratory and Classroom	\$400,000		\$400,000			
Fine Arts–Roof Replacement*	\$200,000		\$50,000			
Dixon Hall–Classroom & Laboratory Renovations*	\$400,000		\$100,000		\$100,000	
ITC–Air Handler Replacement	\$300,000	\$150,000		\$300,000		\$150,000
Jenkins Hall, Phase 3 - Renovation of Laboratory and Classrooms		\$300,000	\$300,000			
Dixon Hall Boiler Replacement and related controls		\$150,000	\$150,000			
Moore Hall Roof Replacement		\$500,000	\$200,000	\$300,000		
HVAC System Repairs Jenkins Science and Williams Hall		\$1,150,000	\$800,000	\$350,000		
Campus-Wide HVAC, Electrical, and Plumbing Repairs (Thomas Jenkins, IT Center, Vaughan, GR Little, Thorpe, KE White, Williams Hall, Trigg Hall, STEM, New Student Center, and Fine Arts)		\$374,000		\$374,000		
Campus-Wide Fire Safety Repairs (STEM, Jenkins Science, Vaughan Center, and Fine Arts)		\$188,000		\$188,000		
Campus-Wide Erosion Control, Drainage, and Stabilization (Wetlands, Williams Hall, Outdoor Classroom)		\$338,000		\$338,000		
G.R. Little Chiller Project - Chiller Loop Addition		\$450,000			\$450,000	
Campus-Wide Road Repairs (Teachers Way, Fine Arts Way, Fine Arts Circle, Science Drive, Muldrow Way)		\$450,000			\$450,000	
Campus-Wide HVAC, Electrical, and Plumbing Repairs (Thomas Jenkins, IT Center, Vaughan, GR Little, Thorpe, KE White, Williams Hall, Trigg Hall, STEM, New Student Center, and Fine Arts)		\$300,000			\$300,000	
Building Demolition (Old Ridley and Cardwell-Hoffler)		\$100,000			\$100,000	
Gilchrist Cooling Tower Repairs		\$150,000			\$150,000	
Campus-Wide ADA Signage Repairs/Upgrades		\$50,000			\$50,000	
Campus-Wide Accessibility Repairs - ADA Walking Path Repairs - (Historic Quad, Performance Pavilion, Welcome Green)		\$250,000			\$250,000	
<i>2021-22 Cost Escalation and Contingency Reserve</i>			\$0			
<i>2022-23 Cost Escalation and Contingency Reserve</i>				\$150,000		-\$150,000
<i>2023-24 Cost Escalation and Contingency Reserve</i>					\$150,000	
FAYETTEVILLE STATE UNIVERSITY	\$4,450,000	\$1,350,000	\$2,000,000	\$2,000,000	\$2,000,000	
Barber/Collins Admin Complex–Roof Replacement	\$200,000		\$200,000		\$75,000	
Campus-Wide Exterior Lighting Retrofit	\$400,000		\$400,000		\$250,000	
Campus-Wide Brick Paver & Concrete Walk Repairs	\$500,000		\$500,000		\$350,000	
Telecom–Roof Replacement	\$150,000		\$150,000		\$75,000	
Butler–Roof Replacement	\$650,000		\$650,000			
Telecom–MEP (Central Plant Tie, AHU, BAS, MDP, Generator)	\$750,000			\$750,000	\$200,000	
University Advancement–MEP (AHU, Heat Pumps, BAS, MDP)	\$600,000	\$550,000		\$850,000	\$300,000	
Chesnutt–MEP (Generator)*	\$400,000				\$100,000	
FM Complex–MEP (HVAC, MDP, Generator, Restrooms)	\$450,000					
Harris CBE–Precast Concrete Structural Repair	\$100,000				\$50,000	
Cook–Exterior Stairs & Patio Repairs	\$100,000					
J. Knuckles Science Annex–Roof Replacement	\$150,000					
University Advancement–Interior Fit-out for Campus Police		\$400,000		\$400,000		
Williams Hall Renovation		\$150,000			\$150,000	
Central Warehouse Fire Alarm Replacement		\$50,000			\$50,000	
Capel HPE Arena MEP (exhaust fans)		\$200,000			\$200,000	
<i>2021-22 Cost Escalation and Contingency Reserve</i>			\$100,000			
<i>2022-23 Cost Escalation and Contingency Reserve</i>				\$0		
<i>2023-24 Cost Escalation and Contingency Reserve</i>					\$200,000	
NORTH CAROLINA A&T STATE UNIVERSITY	\$7,858,886	\$1,319,773	\$3,117,066	\$3,126,685	\$2,428,973	
General Classroom, B Side–Roof Repairs	\$1,241,107		\$1,241,107			
Boiler Replacement*	\$1,459,200		\$150,000	\$200,000	\$1,109,200	
Hines Hall–HVAC Modifications*	\$300,000		\$150,000			
Waterproofing Buildings	\$600,000		\$600,000			
IRC Building–HVAC Repairs/Replacement	\$705,274		\$705,274			
Elevator Repairs/Replacement (adding elevator to Benbow Hall)	\$450,000			\$1,500,000		
Campus-Wide Steam Leaks*	\$500,000		\$100,000	\$400,000		
Building Steam System Repairs (convert Sgt. Mitchell St. line from Laurel St. to Benbow Dr.)	\$200,000		\$100,000	\$926,685		
Dudley–HVAC Repairs/Controls	\$403,305					
McNair Hall–HVAC Repairs	\$250,000					
Moore Gym/Hodgin Hall/Fraiser Hall–Roof Repairs	\$1,000,000					
Price Hall/1020 Wendover/Hodgin Hall/Campbell Hall/C.H.						
Moore–Window Replacement	\$200,000					
1020 Wendover/Price/Corbett Sports Center/Campbell, & Carver–Asbestos Abatement	\$150,000					

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Campus-Wide-Back Flow Preventors	\$300,000					
Beef Barn/Bull Barn/Calf Barn/Dairy Barn	\$100,000					
Elevators - campus-wide		\$300,000			\$300,000	
Signage, Door Upgrades, Accessibility Upgrades - Campus-wide		\$119,773			\$119,773	
IRC Roof (Additional funding)		\$300,000			\$300,000	
Campus-wide HVAC, Electrical, and Plumbing Repairs (Thomas Jenkins, IT Center, Vaughan, GR Little, Thorpe, KE White, Williams Hall, Trigg Hall, STEM, New Student Center, and Fine Arts)		\$600,000			\$600,000	
2021-22 Cost Escalation and Contingency Reserve			\$70,685			
2022-23 Cost Escalation and Contingency Reserve				\$100,000		
2023-24 Cost Escalation and Contingency Reserve					\$0	
NORTH CAROLINA CENTRAL UNIVERSITY	\$5,696,300	\$2,277,775	\$2,147,192	\$2,158,775	\$2,000,000	
Art Museum-Roof Replacement	\$250,000		\$250,000			
Sanitary Sewer System-(Locate/assess terra-cotta pipes; stop inflow and infiltration)	\$100,000		\$100,000			
Hubbard Totton Building-Elevator Replacement	\$350,000	\$128,000	\$350,000		\$128,000	
Campus-Wide ADA Compliance Upgrades, Phase 2	\$100,000		\$100,000			
Campus-Wide Annual Flat Roof Diagnostics, Prev. Maint., & Leak Repairs	\$300,000		\$300,000			
Fire Alarm Systems Upgrades & Repairs	\$250,000		\$250,000			
Miller Morgan Building-VFDs Replacement	\$80,000		\$0			
B.N. Duke Auditorium-Steam to Natural Gas Conversion	\$350,000	\$472,775	\$350,000	\$472,775		
Campus-Wide Steam System Repairs (Steam Traps, Valves, Leaks, Piping & Insulation Replacement, MHs)*	\$600,000		\$365,000	\$235,000		
Walker PE Complex-Elevator Replacement	\$350,000			\$350,000		
Roof Gutters & Vent Repairs	\$310,000			\$310,000		
Taylor Building-Repair & Restore Brick Façade	\$161,000			\$161,000		
Asbestos/Mold Remediation & Contaminants Removal	\$300,000			\$100,000		
Shepard Library-ITS/NOC/HVAC Upgrades	\$230,000			\$230,000		
Fine Arts Building-Fire Alarm System Replacement	\$495,000				\$495,000	
Robinson Science Building-Repair & Restore Brick Façade	\$300,000					
William Jones Building-HVAC Upgrades	\$450,000					
Water System-Re-route South and East Sides/Increase Capacity	\$135,000					
Steam Plant-Roof Repair	\$40,000					
B.N. Duke Auditorium-Repair & Restore Brick Façade	\$300,000					
Edmonds Building-Brick Façade Repair & ADA Access (Ease of Entry & Code Compliant Steps and Handrails)	\$245,300					
Mill Morgan Fire Alarm Replacement		\$300,000		\$300,000		
Steam System Repairs at Multiple Locations (Steam Traps, Valves, Leaks, Piping & Insulation Replacement, MHs)		\$125,000			\$125,000	
Mary Townes Sciences Complex and BRITE DI Water System		\$50,000			\$50,000	
BBRI Fire Pump Replacement and Line Repair		\$150,000			\$150,000	
Asbestos/Mold Remediation & Contaminants Removal		\$100,000			\$100,000	
H.M. Michaux Jr. School of Education - Cooling Tower Replacement		\$476,000			\$476,000	
Albert L. Turner Law Building - Chiller Replacement		\$476,000			\$476,000	
2021-22 Cost Escalation and Contingency Reserve			\$2,192			
2022-23 Cost Escalation and Contingency Reserve				\$0		
2023-24 Cost Escalation and Contingency Reserve					\$0	
NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS	\$2,500,000	\$4,000,000	\$2,000,000	\$2,000,000	\$2,000,000	
Cafeteria Renovation*	\$2,500,000		\$2,000,000			
Elevators (Bryan 2 elevators)		\$900,000		\$900,000		
Cooling Towers(Replace ETC tower, Demolish 2 Bryan towers)		\$200,000		\$200,000		
Sidewalk Repair(Internal campus wide)		\$50,000		\$50,000		
Water Heater (Royall)		\$75,000		\$75,000		
Roof Repairs(Reynolds D)		\$100,000		\$100,000		
Flooring Replacement- Watts(2nd & 3rd floors), ETC (2nd & 3rd floors)		\$500,000		\$500,000		
Infrastructure Repair - Ornamental Fountain (pumps, controls, nozzles, ETC pressure washing)		\$75,000		\$75,000		
Steamline Repairs(Campuswide)		\$100,000		\$100,000		
Hunt Building - Water Infiltration		\$495,000			\$495,000	
Phase 2 Elevator Replacements (Reynolds, Watts, Hill, and Hunt)		\$705,000			\$705,000	
ETC State Structural Fire Protection Safety Repair (Emergency)		\$800,000			\$800,000	
2021-22 Cost Escalation and Contingency Reserve			\$0			
2022-23 Cost Escalation and Contingency Reserve				\$0		
2023-24 Cost Escalation and Contingency Reserve					\$0	
NC STATE UNIVERSITY	\$19,601,000	\$14,379,814	\$9,842,614	\$9,862,207	\$7,674,700	
CVM Equine AHU Replacement	\$300,000					
Yarborough-Chiller Controls Upgrade	\$146,000					
Research Building III-HVAC Upgrades 1	\$900,000	\$2,662,500	\$3,562,500			
Original Campus-Domestic Water Line Repair Under RR Tracks	\$270,000	\$130,000	\$400,000			
Brooks Hall-Renovation, Phase 1	\$1,500,000	\$375,000	\$1,875,000			
McKimmon-ADA Improvements/Restrooms	\$500,000	\$125,000	\$625,000			
Morrill Drive Domestic Water Line Replacement ²	\$661,000	\$1,156,614	\$1,817,614			
Nelson, Park Alumni, Beef Ed. Unit, Schaub, CVM Research-Fire Alarm Panel Replacement	\$250,000	\$0	\$250,000			
Don Ellis, Brooks-BAS Controls Upgrade, Phase 1	\$100,000	\$25,000	\$125,000			
Centennial Campus-Repair Steam Leaks	\$550,000	\$137,500	\$687,500			
Campus Cooling Tower Refurbish at CBC	\$250,000	\$62,500	\$312,500			
Scott Hall Labs-Renovation	\$2,500,000	\$1,300,000		\$3,800,000		

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Mann Hall—Electrical Upgrades	\$950,000	\$550,000		\$1,500,000		
Thomas Hall Labs—Renovation	\$1,000,000	\$500,000		\$1,500,000		
Caldwell Hall—Pointing & Caulking	\$100,000	\$600,000		\$700,000		
Mann Hall—Fire Sprinkler System	\$500,000	\$250,000		\$750,000		
Campus Upgrade Sanitary/Storm Water System, Phase 1	\$844,000	\$656,000		\$1,500,000		
Campus-Wide Domestic Water Line & Valve Replacement, Phase 2²	\$650,000	\$550,000			\$1,200,000	
CVM Main—Fire Alarm Upgrade, Phase 3	\$400,000	\$250,000			\$650,000	
Campus Steam Leak Repair—MH13	\$200,000	\$50,000			\$250,000	
Campus Chilled Water System Improvements	\$575,000				\$575,000	
Campus-Wide Asbestos Removal Steam System	\$650,000					
Research Building I—AHU Replacement ¹	\$850,000					
Research Building IV—HVAC Upgrades ¹	\$1,100,000					
Gardner Labs—Renovation	\$480,000					
Textiles—COT Pod 2, South Side Foundation Waterproofing	\$350,000					
Biltmore—Code Deficiencies	\$2,000,000					
Kilgore—Foundation Waterproofing	\$350,000					
Cox—Pointing & Caulking	\$300,000					
Tompkins Hall—Above-Grade Waterproofing/Pointing	\$200,000					
Campus Sewer Line Replacement/Court of NC	\$175,000					
EB 1 Roof Replacement		\$2,500,000			\$2,500,000	
DH Hill Freight Elevator Modernization		\$400,000			\$400,000	
HVAC Controls Upgrade - Cates Plant and Nelson Hall		\$275,000			\$275,000	
Campus Storm Water Device Improvements		\$300,000			\$300,000	
Classroom Improvements (Enrollment Growth)		\$500,000			\$500,000	
HVAC Component Replacements		\$500,000			\$500,000	
College of Textiles - Modernize 3 Elevators		\$250,000			\$250,000	
Monteith Research Center (MRC) Elevator Modernization		\$274,700			\$274,700	
2021-22 Cost Escalation and Contingency Reserve			\$187,500			
2022-23 Cost Escalation and Contingency Reserve				\$112,207		
2023-24 Cost Escalation and Contingency Reserve					\$0	
UNIVERSITY OF NORTH CAROLINA ASHEVILLE	\$4,299,974	\$2,587,855	\$2,000,000	\$2,000,000	\$2,000,000	
Rework Intersection at Edgewood & University Heights	\$250,000					
Campus-Wide—Arc Flash Compliance, Phase II	\$150,000		\$150,000			
Replace Walkways in Tennent Park/ADA Accessible Path to Main Quadrangle/Carmichael Hall	\$250,000		\$250,000			-\$603
Repair Concrete at Carmichael Plaza & Walk Along Ramsey/Tennent Park	\$200,000		\$200,000			-\$6,100
Reuter Center/Riverside Warehouse—Roof Replacements (FCAP #14433)	\$475,000		\$475,000			-\$109,456
Underground Waterline Repairs—(Replace Domestic Waterline/Valves & Assoc. Work)	\$506,000		\$506,000			
Utility Location Survey/Installation of Underground Utility Markers*	\$200,000		\$100,000	\$100,000		
Zageir Hall—Replace Machinery w/new HE Models (FCAP #31124)	\$225,000			\$225,000	\$246,670	\$3,330
Campus-Wide—Implement Interoperable Communications/911 Commission	\$250,000			\$250,000	\$75,000	
Weizenblatt Hall—Replace Low Slope Roof w/New Membrane Roof	\$175,000			\$175,000		
118 W.T. Weaver—HVAC Replacement (Replace Major HVAC Equip./Update Controls)	\$518,974	\$100,000		\$518,974	\$100,000	
Campus-Wide—Replace Deteriorated/Rusted Handrails w/Aluminum	\$250,000				\$53,330	
Replace & Upgrade Fueling Station/Compliant Storage Tanks & System (FCAP #31053)	\$150,000	\$50,000			\$200,000	
Replace Pedestrian Paths/Main Quad to Owen Hall	\$250,000					
Reuter Center—Replace BAS; Add VFD to AHU (FCAP #31131)	\$150,000					
Campus-Wide—Install Sub-Metering in all Buildings: Gas, Electric, Domestic Hot Water, Rain Water Systems, & Heating	\$150,000				\$50,000	
Replace Sidewalks at Zageir Hall	\$150,000					
Kellogg Roof Repairs		\$0	\$5,000			-\$5,000
Ramsey Library Emergency Generator Replacement		\$100,000	\$95,000			\$5,000
Weizenblatt & Sherrill Center Fire Panel Upgrades		\$20,642	\$22,000			-\$1,358
Phillips Hall Exterior Lighting Replacement Asbestos Abatement, Door		\$18,010	\$22,000			-\$3,990
Whitesides Hall Heat Pump Replacement		\$10,995	\$11,000			-\$5
Zageir Multistack Heat Exchanger Replacement		\$10,000	\$10,000			
Zeis Hall Dehumidification Filter Membrane Replacement		\$9,000	\$9,000			
Rhoades-Robinson Hall Heat Harvester Compressor Replacement		\$5,959	\$6,500			-\$541
Ramsey Library Replace carpet and stair nosing on main staircase		\$29,104	\$32,500			-\$3,396
Sam Millar Overhead Door Repairs		\$5,068	\$6,000			-\$932
Sherrill Center Boiler Replacement		\$175,201	\$100,000	\$101,026		-\$25,825
Zeis Vista Switch Repair				\$50,000		-\$50,000
Library Lane Vista Switch Replacement		\$520,000		\$320,000		\$200,000
Carol Belk Roof Replacement		\$250,000		\$250,000		
Zeis Hall Chiller Variable Speed Drive Repair		\$8,876		\$10,000		-\$1,124
Belk HVAC Retrofit		\$700,000			\$700,000	
Robinson Envelope Repairs		\$75,000			\$75,000	
Sherrill Center Exterior Concrete Stair Repair		\$150,000			\$150,000	
Carol Belk Roof Phase 2		\$300,000			\$300,000	
3D Printer Lab Renovations		\$50,000			\$50,000	
2021-22 Cost Escalation and Contingency Reserve			\$0			
2022-23 Cost Escalation and Contingency Reserve				\$0		
2023-24 Cost Escalation and Contingency Reserve					\$0	
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	\$20,448,094	\$13,792,166	\$8,151,456	\$8,007,341	\$6,198,839	

FY2023-24 MAINTENANCE REPAIR AND RENOVATION PROJECTS

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	Project Authorization per S.L. 2021-180	Additional R&R Authorizations	FY21-22 \$60M	FY22-23 \$60M	FY23-24 \$50M	Reallocated funds
12 Carroll Hall—Replace Roofing/Built-Up Roof, Sector C	\$406,823	\$300,000	\$406,823		\$300,000	
27 Memorial Hall—Replace Barrel Roof	\$330,000	\$1,170,000	\$1,500,000			
5 South Building—Replace Metal Roof/Gutters & Install Fall Protection	\$927,239		\$927,239			
228 Brinkhous-Bullitt Building—Electrical Service & Distribution (Replace Main/Sub-Distribution)*	\$4,843,986		\$1,029,513			
41 Coastal Process Environmental Health Lab Building—System						
Cumulative Deficiencies	\$675,000	\$200,000	\$675,000		\$200,000	
24 Wilson Library—Replace AHU 7 HVAC System*	\$5,086,299		\$508,000			
12 Carroll Hall—Repair & Renovate Elevator #1618	\$746,929	\$149,386	\$746,929	\$149,386		
12 Carroll Hall—Repair & Renovate Elevator #6442	\$464,850	\$92,970	\$464,850	\$92,970		
13 Davie Hall—Replace Air Handling Unit 1A, 1st Floor, 1967 Bldg.	\$428,865	\$350,000	\$428,865	\$350,000		
13 Davie Hall—Replace Air Handling Unit 1B, 1st Floor, 1967 Bldg.	\$169,045	\$150,000	\$169,045	\$150,000		
13 Davie Hall—Replace Air Handling Unit 1C, 1st Floor, 1967 Bldg.	\$225,461	\$200,000	\$225,461	\$200,000		
14 Dey Hall—Repair & Renovate Elevator #4576	\$407,206	\$81,441	\$407,206	\$81,441		
462 Art Studio Building—Install Fire Sprinkler System	\$326,540	\$123,460	\$326,540	\$81,635		\$41,825
13 Davie Hall-Fire Alarm Systems: Replace Fire Alarm Control Panel	\$135,985	\$200,000	\$135,985	\$200,000		
498 Kenan Center -Fire Alarm Systems: Replace Initiating Devices & Control Panel	\$200,000	\$300,000	\$200,000	\$300,000		
462 Art Studio Bldg.—Steel Roof	\$219,772				\$219,772	
625 ITS Building-Manning—Replace Roofing/Built-Up Roof	\$672,719				\$672,719	
211 Brauer Hall—Fire Alarm Systems: Replace Fire Alarm Initiating Devices & Control Panel	\$565,868				\$565,868	
369 Friday Center—Replace Heating/Cooling Air Handling Units: AHU 02/Mail/Book Room, 1st Floor	\$272,402					
209 First Dental—Replace Roofing/Slate Roof	\$565,120					
166 General Storerroom—Replace Roofing/Built-Up Roof, Sector 5	\$577,490					
226 Old Clinic—Replace Built-Up Roof	\$283,355					
3 Ackland Art Museum—Install Bldg. Automation System	\$236,625					
369 Friday Center—Replace Heating/Cooling Air Handling Units: AHU 01/Office, 1st Floor	\$255,456					
3 Ackland Art Museum—Air Handling Units: (AHU 2, Rear Galleries, Admin, 1983 Building)	\$419,748					
3 Ackland Art Museum—Replace Windows/Painted Wood Window	\$484,785					
328 Bingham Facility (Building 1)—Replace Roofing/EPDM Roof	\$225,560					
228 Brinkhous-Bullitt Building—Provide Roof Fall Protection	\$156,547					
229 Burnett-Womack Building—Provide Roof Fall Protection	\$138,419					
<i>Alumni Hall, Jackson Hall, Tarrson Hall, Koury Oral Sciences-Envelope</i>		\$1,826,909		\$1,826,909		
<i>Brinkhous-Bullitt, Lineberger Cancer Center, Hamilton-Elevator Repairs</i>		\$1,700,000		\$1,700,000		
EHS Building Roof Replacement		\$875,000		\$625,000	\$250,000	
<i>Campus Life Safety Phase 2 - EMCS</i>		\$1,800,000		\$1,800,000		
<i>Lineberger Cancer Center and Old Clinic-Fire Alarm Replacement</i>		\$293,000		\$293,000		
Marsico Hall Repair Foundations		\$200,000			\$200,000	
Window Replacement - Phillips Hall 1960 Sector		\$950,000			\$950,000	
Kenan Labs AHU Replacement		\$250,000			\$250,000	
Elevator #4643 & Elevator #7429 (1962) Modernization - Rosenau Hall		\$1,000,000			\$1,000,000	
Roof Replacement & Fall Protection - Graham Memorial		\$230,000			\$230,000	
Roof Replacement - Fordham Hall		\$650,000			\$650,000	
Campuswide Envelope Repairs (New East, New West, Old Playmakers, Hooker)		\$700,000			\$700,000	
<i>2021-22 Cost Escalation and Contingency Reserve</i>			\$0			
<i>2022-23 Cost Escalation and Contingency Reserve</i>				\$157,000		-\$41,825
<i>2023-24 Cost Escalation and Contingency Reserve</i>					\$10,480	
UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	\$10,632,260	\$3,504,883	\$4,162,870	\$4,201,421	\$3,240,526	
Reese—Roof	\$226,100		\$226,100			
Friday—Roof	\$1,011,000		\$1,011,000			
Reese—Fire Systems	\$773,500	\$126,500	\$773,500	\$126,500		
Memorial Hall—Fire Systems	\$327,250	\$50,000	\$327,250	\$50,000		
Duke—HVAC & Controls	\$654,500	\$100,000	\$654,500	\$100,000		
Reese—Envelope	\$995,269	\$750,000	\$995,269	\$150,000	\$600,000	
Rowe—Electrical	\$154,042	\$25,000	\$154,042	\$25,000		
RUP-2—HVAC & Controls	\$416,500	\$157,486		\$481,500	\$92,486	
Fretwell—HVAC & Controls	\$1,574,009	\$250,000		\$1,824,009		
Memorial Hall—Envelope	\$120,311	\$79,689		\$140,311	\$59,689	
Memorial Hall—Roof	\$188,792	\$136,208		\$218,792	\$106,208	
King—Envelope	\$839,459			\$400,000		
Rowe—Elevators	\$156,334	\$25,000		\$181,334		
Fretwell—Fire Systems	\$362,670	\$55,000		\$417,670		
Grigg—HVAC & Controls	\$561,202				\$561,202	
Atkins—Roof	\$911,250					
King—Fire Systems & Abatement	\$729,000					
Friday—Fire Systems	\$631,072					
Sanitary Sewer System Repair and Replacement (South Village)		\$1,750,000			\$1,750,000	
<i>2021-22 Cost Escalation and Contingency Reserve</i>			\$21,209			
<i>2022-23 Cost Escalation and Contingency Reserve</i>				\$86,305		
<i>2023-24 Cost Escalation and Contingency Reserve</i>					\$70,941	
UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	\$8,874,845	\$2,564,491	\$3,447,594	\$3,462,667	\$2,644,450	
MHRA Building—Fire Alarm System Replacement	\$985,327					
Petty Bldg.—Portico Waterproofing	\$712,031	\$150,000	\$712,031		\$150,000	

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	Project Authorization per S.L. 2021-180	Additional R&R Authorizations	FY21-22 \$60M	FY22-23 \$60M	FY23-24 \$50M	Reallocated funds
Cone Art Bldg.–Replace Gallery Lighting/Light Controls, Phases 2 & 3	\$861,750		\$861,750			
Armfield-Preyer/Visitor's Center–Exterior Renovation & Waterproofing	\$435,000	\$178,385	\$435,000			\$178,385
Mossman Bldg.–Roof Replacement	\$773,128	\$256,479	\$648,271	\$601,729		-\$220,393
Sullivan Science Bldg.–Replace HVAC/Greenhouse	\$683,434	\$100,000	\$683,434	\$100,000		
Campus-Wide ADA Compliance–Restrooms/Entrances, etc.	\$400,000			\$250,000		
UNCG State Building–Exterior Envelope Repairs	\$762,000			\$762,000		-\$178,385
Campus-Wide–Pedestrian Crosswalks Repair & Upgrade	\$486,000			\$100,000		
Coleman Bldg.–VCT Flooring Abatement & Replacement	\$250,000			\$250,000		-\$90,000
Campus-Wide Asbestos & Lead Abatement	\$240,000					\$100,000
Petty Bldg.–Replace EST QuickStart Fire Alarm System	\$400,000				\$400,000	
Sink Bldg./Maintenance Compound–Asphalt Replacement	\$140,000				\$140,000	
996 Spring Garden/1605 Spring Garden/535 Tate Street/2900 Oakland Ave.–Fire Alarm Upgrade	\$250,000				\$250,000	
Cone Arts/Lecture Hall, Room 103–Seating, Flooring, Lighting, Other Upgrades	\$187,000				\$187,000	
Replace Generator Diesel Fuel Tank	\$839,175					
Campus-Wide–Replace Property-Line Fences/Replace Underground Piping for Roof Drainage	\$230,000					
Campus-Wide Walks and Hardscape Improvements	\$240,000					
<i>Additional funding for Coleman Fire Alarm Replacement</i>				\$469,640		
<i>Additional funding for Steam Distribution Replacement, Phase IV-B</i>				\$884,622		
Campus Wide Access Controls-Blackboard Updates		\$590,000			\$590,000	
119-127 McIver Building Demolition		\$120,000			\$80,000	\$40,000
Campuswide Flooring Replacement (Sullivan Science, Grey Home Management House, HHP, Sink Building, Eberhart, Music Building)		\$199,234			\$187,450	\$11,784
Campuswide Structural Repairs (UNCG Auditorium, Bryan Building, Cone Arts, 840 Neal Street)		\$350,000			\$350,000	
Campuswide Roofing Repairs (UNCG Auditorium, MHRA, Stone Building)		\$50,000			\$50,000	
Campuswide Utilities Infrastructure (Water mains repairs)		\$570,393			\$260,000	\$310,393
2021-22 Cost Escalation and Contingency Reserve			\$107,108			-\$107,108
2022-23 Cost Escalation and Contingency Reserve				\$44,676		-\$44,676
2023-24 Cost Escalation and Contingency Reserve					\$0	
UNIVERSITY OF NORTH CAROLINA AT PEMBROKE	\$5,096,500	\$1,921,280	\$2,103,128	\$2,060,329	\$2,000,000	
Honors College–Renovation	\$250,000					
Jones–Ceiling Repaint	\$110,000			\$5,328		-\$5,328
Jones Auxiliary Gym/Dance Studio–Flooring/Studio Upgrades³	\$625,000		\$338,000			-\$207,323
Jones Pool–HVAC Replacement	\$1,300,000	\$302,558	\$1,300,000		\$83,606	\$218,952
Lumbee Hall & Old Main–Elevator Replacement	\$465,000		\$465,000			
Livermore & Jones–Generator	\$424,500			\$424,500		
Education–Boiler Replacement	\$110,000			\$110,000		
Moore Hall & Chavis–Boiler Replacement	\$190,000			\$190,000		
Jones/Livermore/Lumbee/Old Main–FACP Replacement	\$682,000	\$100,000		\$782,000		
Campus Gas Line Replacement	\$550,000				\$550,000	
Chavis–Air Handlers	\$390,000	\$124,509			\$514,509	
<i>Mary Livermore Library Special Collections (Increase in funding)</i>		\$542,328		\$542,328		
Replacement of Fire Alarm Panels (Lowry, Locklear, Moore, Oxendine, UC, Pinchback)		\$332,000			\$332,000	
DF Lowry Sewer Project		\$519,885			\$519,885	
2021-22 Cost Escalation and Contingency Reserve			\$128			-\$128
2022-23 Cost Escalation and Contingency Reserve				\$6,173		-\$6,173
2023-24 Cost Escalation and Contingency Reserve					\$0	
UNC SCHOOL OF THE ARTS	\$4,032,000	\$2,534,719	\$2,000,000	\$2,000,000	\$2,000,000	
Film School, Buildings 1 & 2–Repair & Replace Windows	\$202,000		\$202,000			-\$41,207
Drainage & Landscape Improvements/Common Area at Moore & Gray Building–Remove Boilers	\$397,000			\$311,000		-\$397,000
Commons Building–Upgrade Air Distribution & Controls	\$123,000			\$123,000		-\$1,734
Commons Building–Upgrade Air Distribution & Controls	\$93,000			\$93,000		-\$6,778
Gray Building–New Electrical Service Main	\$256,000		\$256,000			
Workplace–Renovate Drama Studios	\$448,000		\$448,000			
Workplace–Renovate Drama Administrative Offices	\$323,000		\$323,000			
Film Archives Building–A/C & Controls	\$485,000	\$400,000	\$485,000		\$400,000	
Film School, Building 3–Theater Dimmers	\$232,000		\$232,000			
Design and Production/Workplace/Film Building 3–Life Safety Code Correction	\$134,000			\$134,000		
Admin/Aquarius/Facilities/D&P Storage/Workplace West V/Demille–Install Exit/Egress Lighting	\$115,000			\$115,000		
Facilities Management–Install Shop Exhaust & Heating System	\$95,000			\$95,000		
Performance Place, Film 2–Provide Heating/Cooling to Control Booth and Foley Booth	\$87,000			\$87,000		
Gray Building–Modifications to Heating/Ventilation/AC System for Police	\$101,000			\$101,000		
Film School–Paint Rooftop Components	\$81,000	\$41,207		\$81,000		\$41,207
Facilities Management–Resurface Drives/Vehicle Staging	\$75,000			\$75,000		
Design & Production–Renovate Administrative/Faculty Offices	\$162,000			\$162,000		
Design & Production–Mechanical System Retrocommissioning	\$134,000			\$134,000		
Campus-Wide ADA/Misc. Improvements	\$39,000			\$39,000		
300 Woughtown–Exterior Waterproofing & Repairs	\$73,000			\$73,000		
Hanes Student Commons–Motor Control Center	\$150,000	\$8,512		\$150,000		\$8,512
Commons–Partial Interior Renovation	\$75,000			\$75,000		
Residence Halls A-F–Replace Floor Slabs, Sidewalks, & Stairs	\$118,000			\$118,000		

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	Project Authorization per S.L. 2021-180	Additional R&R Authorizations	FY21-22 \$60M	FY22-23 \$60M	FY23-24 \$50M	Reallocated funds
Chapel St. Buildings–Roof Replacement	\$34,000					
Improvements to meet ADA		\$54,000	\$54,000			
University Housing Repair		\$34,000		\$34,000		
Demille Theater HVAC Repair		\$500,000			\$500,000	
Workplace BAS Upgrade and New Switch Gear		\$300,000			\$300,000	
Welcome Center, School of Music, Performance Place, Sculpture & DeMille Fire Alarm Upgrade		\$475,000			\$475,000	
Watson Hall, Film Archives & Connector BAS Upgrade		\$175,000			\$175,000	
Welcome Center Chiller Replacement & BAS Upgrade		\$150,000			\$150,000	
Kudzu Valley Bridge Abutment Repair		\$397,000				\$397,000
2021-22 Cost Escalation and Contingency Reserve			\$0			
2022-23 Cost Escalation and Contingency Reserve				\$0		
2023-24 Cost Escalation and Contingency Reserve					\$0	
UNIVERSITY OF NORTH CAROLINA WILMINGTON	\$7,414,440		\$2,949,049	\$2,958,745	\$2,294,746	
Warehouse/Receiving–Replace Fire Alarm System	\$161,000					
West Side Energy Plant Modernization*	\$3,926,440		\$2,949,049	\$977,391		
Wagoner/Hurst/Hamilton Roadways–Storm Water Refurbishment	\$2,500,000			\$1,361,354		
Alderman Hall–Replace Windows	\$280,000	\$340,000		\$620,000		
Telecommunications–Replace Fire Alarm System	\$62,000					
Kenan Auditorium–Fire/Life Safety Improvements	\$75,000					
Isaac Bear Bldg.–Fire Sprinkler	\$410,000					
Lab Facilities-HVAC Control Systems Refurbishments (Teaching Lab, MARBIONC, McNeil Hall, & Friday Hall)					\$2,294,746	
2021-22 Cost Escalation and Contingency Reserve			\$0			
2022-23 Cost Escalation and Contingency Reserve				\$0		
2023-24 Cost Escalation and Contingency Reserve					\$0	
WESTERN CAROLINA UNIVERSITY	\$5,853,000	\$3,085,886	\$2,355,889	\$2,382,997	\$2,000,000	
HFR Building–Roof Replacement	\$660,000	\$1,000,000	\$660,000	\$1,000,000		
Campus-Wide Fire Alarm System Upgrades*	\$300,000		\$150,000	\$150,000		
Reid Building–Gym Floor Replacement	\$275,000		\$275,000			
Undersized Water Main Replacements/Non-Functioning Valves/Upgrade Lines*	\$3,000,000		\$1,000,000			
Ramsey Activities Center–Elevator Replacement	\$250,000		\$250,000			
Highlands Biological Station–Structural Repairs	\$250,000			\$250,000		
HFR Building–Chiller Replacement	\$200,000	\$303,886		\$503,886		
Hunter Library–Cooling Tower Replacement	\$175,000	\$325,000		\$500,000		
Facilities Management Building–Roof Replacement	\$193,000	\$307,000			\$500,000	
Old Student Union–Foundation & Exterior Repair	\$450,000				\$350,000	
Campus-Wide Egress Lighting/Exit Light Replacement	\$100,000					
Ramsey Center - ADA Drive Improvement		\$375,000			\$375,000	
Campus Wide - Sidewalk Repairs		\$100,000			\$100,000	
Forsyth Building - Cooling Tower Replacement		\$225,000			\$225,000	
Ramsey Center - Cooling Towers		\$450,000			\$450,000	
2021-22 Cost Escalation and Contingency Reserve (allocated to HFR Building-Chiller Replacement)			\$20,889			
2022-23 Cost Escalation and Contingency Reserve				\$0		
2023-24 Cost Escalation and Contingency Reserve					\$0	
WINSTON-SALEM STATE UNIVERSITY	\$4,445,000	\$1,555,000	\$2,000,000	\$2,000,000	\$2,000,000	
Computer Science–Roof Repair	\$120,000		\$120,000			
Gaines Complex–Roof Replacement	\$660,000		\$160,000	\$500,000		
Computer Science–Exterior Wall Repairs	\$110,000		\$110,000			
W. B. Atkinson–Exterior Wall Repairs	\$125,000		\$125,000			
Elva Jones Computer Science–HVAC Upgrades/BAS Controls Replacement	\$1,450,000			\$500,000	\$950,000	
O’Kelly Library–Upgrade HVAC Make-Up Air System	\$375,000		\$375,000			
1600 Lowery St.–Add Fire Alarm System	\$125,000		\$125,000			
Campus-Wide Fire Alarm System Upgrades	\$750,000			\$750,000		
R.J. Reynolds–Roof Replacement	\$205,000		\$205,000			
Coltrane Hall–Exterior Wall Repairs/Door & Window Replacement	\$275,000		\$275,000			
O’Kelly Library–Upgrade Electrical System	\$250,000	\$5,000		\$255,000		
Coltrane Hall Roof Replacement		\$500,000	\$500,000			
Hill Hall Lighting		\$740,000			\$740,000	
Gaines Complex - Roof Replacement (Phase 2)		\$200,000			\$200,000	
Campuswide Pavement Improvements and/or Replacement		\$110,000			\$110,000	
2021-22 Cost Escalation and Contingency Reserve (allocated to O’Kelly Library-Upgrade Electrical System)			\$5,000			
2022-23 Cost Escalation and Contingency Reserve				\$0		
2023-24 Cost Escalation and Contingency Reserve					\$0	
SYSTEM OFFICE			\$1,500,000	\$1,500,000	\$1,250,000	
PBS-NC		\$977,556				
Replace underground supply and return piping for Main Building		\$130,000	\$130,000			
Halon System replacement/abatement		\$306,875		\$306,875		
PBS NC Physical Security Improvements		\$253,000		\$253,000		
FAA Tower Lighting Upgrade - WUNG Concord Aviation Lighting		\$263,692			\$263,692	
FAA Tower Lighting Upgrade - Wendell Aviation Lighting Upgrade		\$11,961			\$11,961	
FAA Tower Lighting Upgrade - Wilson Aviation Lighting Upgrade		\$12,028			\$12,028	
Total for PBS-NC	\$0		\$130,000	\$559,875	\$287,681	
NORTH CAROLINA ARBORETUM		\$1,840,000				
Replace Operations Center Roof		\$55,000	\$200,000			-\$145,000

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<i>Baker Visitor Center Heat Pump Replacement</i>		\$70,000	\$70,000			
<i>Baker Visitor Center Heat Pump Renovation</i>		\$200,000	\$200,000			
<i>Fire Alarm System Replacement (completed with other funds)</i>		\$0	\$150,000			-\$150,000
<i>Replace Education Center Roof</i>		\$520,000		\$520,000		
Greenhouse Boiler Replacement (Adv planning/design)		\$60,000			\$60,000	
Headhouse Roof Replacement		\$350,000			\$350,000	
Education Chiller and Air Handler		\$210,000			\$210,000	
Electrical infrastructure upgrades incl. emergency power (Adv Planning)		\$80,000			\$80,000	
Baker Visitor Center Door, Frame & Hardware Replacement and Front Entrance and Education Center Plaza Design (Adv Planning only)		\$150,000				\$150,000
		\$145,000				\$145,000
Total for NC Arboretum	\$0		\$620,000	\$520,000	\$700,000	\$0
<i>UNC System 2021-22 Cost Escalation and Contingency Reserve</i>			\$750,000			
<i>UNC System 2022-23 Cost Escalation and Contingency Reserve</i>				\$420,125		
<i>UNC System 2023-24 Cost Escalation and Contingency Reserve</i>					\$262,318	
TOTAL OF FY2023-24 MINOR R&R PROJECTS INCL. CONTINGENCY RESERVE					\$50,000,000	

LEGEND

Project has been completed.

Projects in italics were not included in the 2021 Budget Act and are additional R&R projects.

Projects in bold will be funded from FY23-24 SCIF or are requesting an adjustment to prior year SCIF funding.

* Project will be phased over multiple years.

** Project will be completed with other funding.

ADDITIONAL NOTES

¹ NC State has combined the following projects into a single project: Research Building III–HVAC Upgrades 1, Research Building I–AHU Replacement, and Research Building IV–HVAC Upgrade.

² NC State has combined the following projects into a single project: Morrill Drive Domestic Water Line Replacement and Campus-Wide Domestic Water Line & Valve Replacement, Phase

³ UNC Pembroke has completed the Jones Auxiliary Gym project. 2021-22 R&R funding will complete the project.