

Investing in North Carolina's Infrastructure: Capital Improvements

The capital package consists of a combination of voter-approved bonds, general funds, and state agency receipts to meet the infrastructure needs of our growing state.

General Obligation Bond

\$4.7 billion General Obligation (GO) Bond (subject to November 2021 ballot):

- \$2.5 billion for **public school construction**, a start on addressing the more than over \$8 billion in documented capital needs in Public Schools across all 115 public school districts.
- \$783 million in large projects across **UNC System** campuses, including the Brody School of Medicine at ECU and the renovation of the School of Nursing at UNC-Chapel Hill.
- \$500 million for the **North Carolina Community College System**, which will be allocated across all 58 community colleges.
- \$430 million to **health and safety projects**, including expansion / renovation of HHS facilities, the relocation of DHHS from Dorothea Dix Park, and the renovation and expansion of Reedy Creek Lab.
- \$439 million for our state's **cultural and visitor attractions**, including state parks, the Museum of History, and the North Carolina Zoo.

Cash-funded Capital

\$1.14 billion in Cash Capital, including major investments in Repairs and Renovations:

- \$106 million planning and design for bond-funded projects.
- \$173 million for small capital projects at state agencies.
- \$462 million for small UNC capital projects.
- \$393 million for R&R at UNC and state agencies.

Receipt-funded Capital

\$125 million for receipt-supported projects at the Department of Agriculture, Department of Military and Veterans Affairs (Wake County Veterans Home), Wildlife Resources Commission, Department of Public Safety, Department of Natural and Cultural Resources, and Department of Transportation.

Capital Improvements Summary

Recommended Bond Proposal for 2021-23 Biennium

Agency	Project Category	Amount	
General Obligation Bond (on November 2021 Ballot)			
1	Health projects, of which:	\$429,821,500	
2	DOA Health and Human Services Relocation - Phase I	\$229,000,000	
3	HHS J Iverson Riddle Developmental Center	\$60,275,700	
4	HHS Black Mountain Neuro-Medical Center	\$20,808,000	
5	HHS Murdoch Developmental Center	\$50,904,000	
6	HHS O'Berry Neuro-Medical Center	\$23,833,800	
7	DEQ Reedy Creek Laboratory	\$45,000,000	
8	DPI Public Schools	\$2,500,000,000	See Table 1
9	UNC UNC System projects	\$783,000,000	See Table 2
10	NCCCS Community Colleges	\$500,000,000	See Table 3
11	DNCR Parks/Museums/Zoos	\$439,000,000	See Table 4
12	OSBM 1% Reserve	\$48,178,500	
13	Total General Obligation Bond	\$4,700,000,000	

Recommended Cash Funding for Infrastructure Investments

Capital Improvements Projects (CIP) Reserve	FY 2021-22	FY 2022-23	
1 Plan and Design Bond Projects	\$106,063,500	\$	See Table 5
2 UNC System R&R Recommendations (by campus)	\$143,550,000	\$	See Table 6
3 UNC System Comprehensive Renovation & Modernization (projects <\$15m)	\$ -	\$462,170,000	See Table 7
4 State Agency Recommendations (by agency)	\$173,941,234	\$	See Table 8
5 EO 80 R&R - energy saving	\$50,000,000	\$50,000,000	
6 Flexible R&R for State Agencies	\$75,000,000	\$75,000,000	
7 Total	\$548,554,734	\$587,170,000	

Receipt-Funded Capital Projects - See Table 9

Agency	2021-22	2022-23
1 DACS	\$ -	\$11,765,000
2 DMVA	\$29,995,000	\$ -
3 WRC	\$39,375,000	\$6,950,000
4 DPS	\$793,000	\$50,000
5 DNCR	\$9,873,491	\$ -
6 DOT	\$10,742,859	\$15,453,506
7 Total	\$90,779,350	\$34,218,506

Table 1. Recommended \$2.5B School Bond Allocation

Allocation Methodology		Allocation	
Base Amount		\$1,000,000,000	
ADM		\$1,125,000,000	
Low Wealth		\$375,000,000	

LEA	Allocation	LEA	Allocation
Alamance-Burlington Schools	\$34,874,446	Mooreville Graded School District	\$6,980,656
Alexander County Schools	\$16,709,635	Jackson County Schools	\$12,836,279
Alleghany County Schools	\$11,056,838	Johnston County Schools	\$63,312,573
Anson County Schools	\$15,064,575	Jones County Schools	\$11,093,218
Ashe County Schools	\$12,338,067	Lee County Schools	\$22,418,480
Avery County Schools	\$11,511,113	Lenoir County Public Schools	\$22,660,691
Beaufort County Schools	\$16,683,116	Lincoln County Schools	\$18,978,019
Bertie County Schools	\$13,233,208	Macon County Schools	\$13,503,962
Bladen County Schools	\$16,590,921	Madison County Schools	\$11,907,966
Brunswick County Schools	\$20,045,056	Martin County Schools	\$14,603,025
Buncombe County Schools	\$27,035,642	McDowell County Schools	\$18,405,781
Asheville City Schools	\$4,942,969	Charlotte-Mecklenburg Schools	\$127,439,205
Burke County Schools	\$28,300,253	Mitchell County Schools	\$11,667,420
Cabarrus County Schools	\$34,971,885	Montgomery County Schools	\$14,296,808
Kannapolis City Schools	\$6,304,299	Moore County Schools	\$20,107,038
Caldwell County Schools	\$25,523,960	Nash-Rocky Mount Schools	\$30,764,889
Camden County Schools	\$12,410,009	New Hanover County Schools	\$30,628,338
Carteret County Public Schools	\$16,405,361	Northampton County Schools	\$12,232,380
Caswell County Schools	\$13,255,541	Onslow County Schools	\$40,119,360
Catawba County Schools	\$19,414,925	Orange County Schools	\$9,538,608
Hickory City Schools	\$4,982,473	Chapel Hill-Carrboro City Schools	\$15,951,476
Newton Conover City Schools	\$3,609,638	Pamlico County Schools	\$11,119,472
Chatham County Schools	\$17,012,631	Elizabeth City-Pasquotank Public Schools	\$17,142,525
Cherokee County Schools	\$12,950,071	Pender County Schools	\$21,559,680
Edenton-Chowan Schools	\$12,141,115	Perquimans County Schools	\$11,427,632
Clay County Schools	\$11,004,270	Person County Schools	\$14,577,894
Cleveland County Schools	\$29,006,231	Pitt County Schools	\$39,576,828
Columbus County Schools	\$17,184,843	Polk County Schools	\$11,669,599
Whiteville City Schools	\$6,932,649	Randolph County Schools	\$30,550,704
Craven County Schools	\$23,697,447	Asheboro City Schools	\$8,693,497
Cumberland County Schools	\$76,089,112	Richmond County Schools	\$22,201,020
Currituck County Schools	\$13,243,479	Public Schools of Robeson County	\$54,816,032
Dare County Schools	\$14,057,879	Rockingham County Schools	\$27,014,100
Davidson County Schools	\$29,246,490	Rowan-Salisbury Schools	\$32,613,363
Lexington City Schools	\$4,729,131	Rutherford County Schools	\$20,219,066
Thomasville City Schools	\$3,551,668	Sampson County Schools	\$20,974,596
Davie County Schools	\$14,861,745	Clinton City Schools	\$7,772,279
Duplin County Schools	\$26,936,590	Scotland County Schools	\$20,475,669
Durham Public Schools	\$35,491,988	Stanly County Schools	\$20,814,385
Edgecombe County Public Schools	\$20,141,987	Stokes County Schools	\$17,697,124
Winston Salem/Forsyth County Schools	\$52,504,169	Surry County Schools	\$16,942,656
Franklin County Schools	\$21,323,806	Elkin City Schools	\$2,663,782
Gaston County Schools	\$40,018,446	Mount Airy City Schools	\$3,639,132
Gates County Schools	\$12,579,694	Swain County Schools	\$11,738,954
Graham County Schools	\$11,018,548	Transylvania County Schools	\$12,625,225
Granville County Schools	\$21,576,210	Tyrrell County Schools	\$11,084,332
Greene County Schools	\$15,470,113	Union County Public Schools	\$42,419,099
Guilford County Schools	\$66,432,142	Vance County Schools	\$19,682,254
Halifax County Schools	\$7,482,636	Wake County Schools	\$137,685,900
Roanoke Rapids City Schools	\$9,041,732	Warren County Schools	\$11,719,079
Weldon City Schools	\$2,559,110	Washington County Schools	\$11,611,162
Harnett County Schools	\$44,947,239	Watauga County Schools	\$13,682,847
Haywood County Schools	\$15,609,791	Wayne County Public Schools	\$38,550,468
Henderson County Schools	\$20,494,624	Wilkes County Schools	\$21,690,128
Hertford County Schools	\$14,215,742	Wilson County Schools	\$24,935,884
Hoke County Schools	\$27,679,093	Yadkin County Schools	\$16,705,048
Hyde County Schools	\$10,463,690	Yancey County Schools	\$11,668,815
Iredell-Statesville Schools	\$23,633,559	Total	\$2,500,000,000

Table 2. UNC Large Projects - Bond Funded

University	Project	Cost
1 Appalachian State	Duncan Hall Renovation	\$20,000,000
2 East Carolina	Brody School of Medicine	\$187,000,000
3 East Carolina	Howell Science Building South	\$30,000,000
4 Elizabeth City State	Infrastructure Upgrades - Water & Electrical, Phase 2	\$27,000,000
5 NC State	Renovation - 111 Lampe Drive	\$42,000,000
6 NC State	STEM Building	\$73,000,000
7 UNC Chapel Hill	Business School	\$68,000,000
8 UNC Chapel Hill	School of Nursing/Comprehensive Renovation Carrington Hall	\$40,500,000
9 UNC Charlotte	Cameron Second Floor Renovation	\$19,100,000
10 UNC Charlotte	Burson Renovation	\$25,900,000
11 UNC Greensboro	Jackson Library Renovation/Addition	\$81,000,000
12 UNC Pembroke	New School of Health Sciences (Rural Health Concentration)	\$67,500,000
13 UNC School of the Arts	Stevens Center Renovation-Phase 1	\$25,000,000
14 UNC Wilmington	Randall Library Renovation and Expansion	\$56,000,000
15 NCCAT	Residence Hall and Professional Development Center.	\$21,000,000
16 Total		\$783,000,000

Table 3. Bond Proposals - NC Community Colleges

Allocation Methodology

	Allocation
County Wealth Base	\$125,000,000
Repair and Renovation Needs	\$250,000,000
Square Footage Need	\$125,000,000
Total	\$500,000,000

College	County Wealth Base	R&R Need	Add'l Assignable Square Footage Need	Total
1 Alamance	\$1,824,818	\$3,330,068	\$3,284,558	\$8,439,444
2 Asheville-Buncombe	\$1,824,818	\$8,018,119	\$3,739,565	\$13,582,502
3 Beaufort County	\$1,824,818	\$2,584,879	\$159,732	\$4,569,429
4 Bladen	\$2,737,227	\$1,799,519	\$559,062	\$5,095,808
5 Blue Ridge	\$912,409	\$4,137,136	\$ -	\$5,049,545
6 Brunswick CC	\$1,824,818	\$3,693,263	\$ -	\$5,518,081
7 Caldwell	\$2,737,227	\$5,190,224	\$1,078,032	\$9,005,483
8 Cape Fear	\$1,824,818	\$6,628,605	\$5,552,852	\$14,006,275
9 Carteret	\$912,409	\$2,258,691	\$401,970	\$3,573,070
10 Catawba Valley	\$1,824,818	\$5,788,958	\$2,040,512	\$9,654,288
11 Central Carolina	\$1,824,818	\$5,008,222	\$2,797,887	\$9,630,927
12 Central Piedmont	\$912,409	\$16,668,592	\$8,571,842	\$26,152,843
13 Cleveland	\$2,737,227	\$3,224,999	\$1,838,747	\$7,800,973
14 COA	\$1,824,818	\$3,932,340	\$4,100,728	\$9,857,886
15 Coastal Carolina	\$2,737,227	\$3,592,073	\$560,971	\$6,890,271
16 Craven	\$1,824,818	\$2,908,270	\$1,807,514	\$6,540,602
17 Davidson County	\$1,824,818	\$4,839,135	\$1,738,509	\$8,402,462
18 Durham Tech	\$912,409	\$5,421,503	\$2,576,785	\$8,910,697
19 Edgecombe	\$2,737,227	\$2,536,652	\$1,902,281	\$7,176,160
20 Fayetteville Tech	\$2,737,227	\$8,939,154	\$10,888,131	\$22,564,512
21 Forsyth Tech	\$1,824,818	\$8,569,274	\$4,184,426	\$14,578,518
22 Gaston College	\$1,824,818	\$6,893,545	\$847,690	\$9,566,053
23 Guilford Tech	\$1,824,818	\$12,016,972	\$6,358,159	\$20,199,949
24 Halifax	\$2,737,227	\$2,700,586	\$ -	\$5,437,813
25 Haywood	\$1,824,818	\$3,587,352	\$ -	\$5,412,170
26 Isothermal	\$2,737,227	\$3,862,166	\$ -	\$6,599,393
27 James Sprunt	\$2,737,227	\$1,970,042	\$273,949	\$4,981,218
28 Johnston	\$912,409	\$4,713,477	\$1,414,736	\$7,040,622
29 Lenoir	\$2,737,227	\$5,262,809	\$2,034,946	\$10,034,982
30 Martin	\$2,737,227	\$2,895,043	\$ -	\$5,632,270
31 Mayland	\$2,737,227	\$1,730,233	\$807,566	\$5,275,026
32 McDowell Tech	\$1,824,818	\$1,891,530	\$549,043	\$4,265,391
33 Mitchell	\$912,409	\$4,151,592	\$591,409	\$5,655,410
34 Montgomery	\$1,824,818	\$1,500,812	\$260,479	\$3,586,109
35 Nash	\$2,737,227	\$2,791,860	\$2,934,178	\$8,463,265
36 Pamlico	\$1,824,818	\$804,307	\$217,190	\$2,846,315
37 Piedmont	\$1,824,818	\$2,313,093	\$901,570	\$5,039,481
38 Pitt	\$1,824,818	\$3,711,910	\$8,481,002	\$14,017,730
39 Randolph	\$2,737,227	\$4,210,172	\$358,077	\$7,305,476
40 Richmond	\$2,737,227	\$2,687,937	\$1,698,688	\$7,123,852
41 Roanoke-Chowan	\$2,737,227	\$1,914,613	\$ -	\$4,651,840
42 Robeson	\$2,737,227	\$3,124,260	\$1,604,016	\$7,465,503
43 Rockingham	\$2,737,227	\$4,044,715	\$ -	\$6,781,942

College	County Wealth Base	R&R Need	Add'l Assignable Square Footage Need	Total
44 Rowan-Cabarrus	\$2,737,227	\$4,850,025	\$5,043,662	\$12,630,914
45 Sampson	\$2,737,227	\$2,168,621	\$805,387	\$5,711,235
46 Sandhills	\$912,409	\$4,561,050	\$1,776,979	\$7,250,438
47 South Piedmont	\$2,737,227	\$5,047,929	\$ -	\$7,785,156
48 Southeastern	\$2,737,227	\$2,841,652	\$733,282	\$6,312,161
49 Southwestern	\$1,824,818	\$3,106,169	\$1,314,641	\$6,245,628
50 Stanly	\$1,824,818	\$2,326,721	\$2,466,607	\$6,618,146
51 Surry	\$2,737,227	\$4,653,088	\$535,096	\$7,925,411
52 Tri-County	\$2,737,227	\$2,065,135	\$249,554	\$5,051,916
53 Vance-Granville	\$2,737,227	\$4,196,328	\$1,729,460	\$8,663,015
54 Wake Tech	\$912,409	\$10,220,600	\$19,377,514	\$30,510,523
55 Wayne	\$2,737,227	\$3,921,201	\$2,357,765	\$9,016,193
56 Western Piedmont	\$2,737,227	\$4,876,288	\$ -	\$7,613,515
57 Wilkes	\$2,737,227	\$4,837,129	\$365,758	\$7,940,114
58 Wilson	\$2,737,227	\$2,479,360	\$1,127,491	\$6,344,049
59 Total	\$125,000,033	\$249,999,998	\$124,999,998	\$500,000,000

Table 4. Bond Proposals - Museums / Zoo

Agency	Item	Description	Bond
1 DNCR	Zoo - Asia Exhibit	Construction Funds for Asia	\$45,000,000
2 DNCR	Zoo - Australia Expansion	Design funds for Australia exhibits	\$25,000,000
3 DNCR	NC Museum of History	Funds Phase 1 expansion and renovations of the existing Museum of History Building.	\$54,000,000
4 DNCR	NC Museum of Art - Museum Park	Provides bond funding for the Phase 1 of the "Preserve Master Plan and Stream Restoration" and environmental center for the Museum Park at the NC MOA.	\$20,000,000
5 DNCR	Historic Sites - Colonial and Revolutionary-era historic site funding	Invests in colonial and Revolutionary-era historic sites, most of which have not received any infrastructure investment since the Bicentennial Commemoration of the nation in 1976, to prepare for almost two years of major events surrounding the America250th anniversary.	\$45,000,000
6 DNCR	Parks	Land purchases, construction, LWF program and local parks. <i>See breakout on next pages.</i>	\$250,000,000
7 Total			\$439,000,000

Table 4a. Summary of Parks Bond Proposal

Description	Proposed Spend FY 21-23
Land Acquisitions	\$28,656,000
Capital Projects	\$55,495,560
Bond Shortfall	\$7,000,000
Land and Water Fund Programs	\$95,000,000
Local Park Projects	\$63,848,440
Total	\$250,000,000

Table 4b. Parks Bond Proposal - Land Acquisitions

Park	County	Need	Cost
1 Bakers Lake Natural Area	Bladen	Initial acquisition	\$1,050,000
2 Chimney Rock State Park	Various	Natural resource protection	\$956,000
3 Crowders Mountain State Park	Various	Potential location for camping	\$750,000
4 Eno River State Park	Various	Natural Resource Protection	\$650,000
5 New River State Park	Ashe	Trail expansion	\$250,000
6 Overmountain Victory State Trail	Various	Trail expansion	\$2,000,000
7 Wilderness Gateway State Trail	Various	Trail expansion	\$2,000,000
8 Northern Peaks State Trail	Various	Trail expansion	\$2,000,000
9 Mountains-to-Sea State Trail	Johnston	Expansion in Johnston County	\$1,000,000
10 Pisgah View State Park	Buncombe	Initial acquisition	\$9,000,000
11 New Eastern Units	Various	Initial acquisition	\$9,000,000
12 Total			\$28,656,000

Table 4c. Parks Bond Proposal - Capital Projects

Park	Name	Cost	Proposed Spend FY 21-23
1 Chimney Rock State Park	Access road from Lake Lure	\$3,000,000	\$3,000,000
2 Medoc Mountain State Park	Campground renovation	\$3,420,000	\$3,420,000
3 Stone Mountain State Park	Campground renovation	\$250,000	\$0
4 Lumber River State Park	Campground renovation - Chalk Banks	\$3,000,000	\$3,000,000
5 Hanging Rock State Park	Campground Renovation - Showerhouse	\$1,500,000	\$1,500,000
6 New River State Park	Campground Renovation - 221 camper cabins	\$410,000	\$410,000
7 Lumber River State Park	Initial Access at Piney Island	\$500,000	\$500,000
8 Bob's Creek State Natural Area	Initial access development	\$500,000	\$500,000
9 Salmon Creek State Natural Area	Initial access development	\$500,000	\$500,000
10 Wilderness Gateway State Trail	Initial access development	\$2,000,000	\$0
11 Hanging Rock State Park	Initial Access Development - Mill Creek	\$650,000	\$650,000
12 Hanging Rock State Park	Initial Access Development - Vade Mecum	\$5,500,000	\$5,500,000
13 Bob's Creek State Natural Area	New Campground	\$5,500,000	\$0
14 Crowders Mountain State Park	New Campground	\$5,000,000	\$5,000,000
15 Elk Knob State Park	New Campground	\$6,400,000	\$6,400,000
16 Mayo River State Park	New Campground	\$5,500,000	\$5,500,000
17 Pisgah View State Park	New Campground	\$5,000,000	\$5,000,000
18 Salmon Creek State Natural Area	New Campground	\$2,000,000	\$0
19 Hanging Rock State Park	New Campground - Mill Creek	\$5,000,000	\$0
20 Lake James State Park	New Campground - RV sites	\$3,400,000	\$3,400,000
21 Grandfather Mountain State Park	New Maintenance Area	\$2,000,000	\$2,000,000
22 Carvers Creek State Park	Northern Access Road	\$1,500,000	\$1,500,000
23 System-Wide	Ranger Residence Renovation	\$8,440,222	\$0

Park	Name	Cost	Proposed Spend FY 21-23
24	Crowders Mountain State Park	Stair Replacement (2)	\$2,370,588 \$0
25	Pisgah View State Park	Structure repairs at initial acquisition	\$6,000,000 \$4,500,000
26	Hammocks Beach State Park	Teachers Building	\$1,400,000 \$1,400,000
27	Fort Macon State Park	Vehicle storage shed	\$659,133 \$0
28	Stone Mountain State Park	Visitor Center Renovation	\$1,815,560 \$1,815,560
29	Totals		\$83,215,503 \$55,495,560

Table 5. Cash Funding - Recommended Amounts for Project Planning

	Agency / UNC Campus	Project	Cash Planning Funding
1	HHS	J Iverson Riddle Development Center	\$6,697,300
2	HHS	Black Mountain Neuromedical	\$2,312,000
3	HHS	Murdoch Development Center	\$5,656,000
4	HHS	Oberry Neuro Medical Center	\$2,648,200
5	DEQ	Reedy Creek Laboratory	\$5,000,000
6	ECU	Brody School of Medicine	\$28,000,000
7	UNC CH	School of Nursing/Comprehensive Renovation Carrington Hall	\$4,500,000
8	UNCP	New School of Health Sciences	\$6,750,000
9	DNCR	Zoo - Asia Exhibit	\$5,000,000
10	DNCR	NC Museum of History	\$6,000,000
11	DNCR	Historic Sites - Colonial and Revolutionary-era historic site funding	\$5,000,000
12	Appalachian State	Duncan Hall Renovation	\$2,000,000
13	East Carolina	Howell Science Building South	\$3,000,000
14	Elizabeth City State	Infrastructure Upgrades - Water & Electrical, Phase 2	\$3,000,000
15	NC State	Renovation - 111 Lampe Drive	\$4,200,000
16	UNC Charlotte	Cameron Second Floor Renovation	\$1,910,000
17	UNC Charlotte	Burson Renovation	\$2,590,000
18	UNC Greensboro	Jackson Library Renovation/Addition	\$7,000,000
19	UNC School of the Arts	Stevens Center Renovation-Phase 1	\$2,500,000
20	NCCAT	Residence Hall and Renovated Professional Development Center	\$2,300,000
21	Total		\$106,063,500

Table 6. UNC - Proposed Cash-Funded Repair and Renovation Projects

Campus	Project	Project Total
1	ASU Walker Hall HVAC Repair and Upgrades	\$500,000
2	ASU Walker Hall Envelope and Structural Repair	\$1,300,000
3	ASU Campus Wide Electronic Door Access Installation	\$1,500,000
4	ASU Chapell Wilson Gutter/Soffit/Roof Replacement	\$600,000
5	ASU Smith Wright Hall Roof Repair and Replacement	\$1,000,000
6	ASU Holmes Convocation Center Chiller	\$200,000
7	ASU BB Dougherty Chiller Repair	\$100,000
8	ASU Facilities Operations/Motorpool Wall Repairs	\$300,000
9	ASU John E Thomas Chiller Compressor Upgrades	\$250,000
10	ASU Anne Belk Hall Hot Water Piping Replacement	\$500,000
11	ASU Edwin Duncan Hall HVAC and Lighting Improvements	\$800,000
12	ASU John E Thomas Envelope	\$300,000
13	ASU Howard Street Hall Road Opening	\$200,000
14	ASU Holmes Convocation Center VAV Replacement	\$150,000
15	ASU Peacock Elevator Upgrade	\$200,000
16	ASU University Hall Sprinkler System	\$250,000
17	ECU Brody Building Freight Elevators - Emergency Power	\$250,000
18	ECU Science & Technology Replace Roof	\$400,000
19	ECU Old Cafeteria Building Install Steam Manhole and Replace Piping	\$300,000
20	ECU Health Science Campus Catwalks Central Utility Plant	\$225,000
21	ECU Warren Life Sciences Replace Roof Section B	\$300,000
22	ECU Health Science Campus Central Utility Plant Transformer 1 & Transformer 2	\$404,000
23	ECU Bate Upgrade Elevators (2)	\$350,000
24	ECU Rivers Replace Roof	\$300,000
25	ECU Christenbury Replace Roof	\$410,000
26	ECU Brody Building Envelope Infiltration Repairs Phase 1	\$1,500,000
27	ECU Brody Chilled Water Loop Valve Replacement	\$100,000
28	ECU Jenkins Art North Building Envelope Repairs	\$1,750,000
29	ECU McGinnis Scene Shop Replace Roof	\$100,000
30	ECU Brody - Inline Fan Replacement Phase 1	\$200,000
31	ECU Jenkins Art Replace Distribution Sub Panels Westside Jenkins Art	\$225,000
32	ECU Messick Upgrade/Replace Elevator	\$150,000
33	ECU Building 127 Upgrade/Replace Elevator	\$150,000
34	ECU Coastal Studies Annex Repair and Coat Siding and Roofing	\$100,000
35	ECU School of Dental Medicine Community Service Learning Centers Upgrades (HVAC & Indoor Air Quality)	\$203,000
36	ECU Main Campus Steam Plant - Install Steam Blanket for Boilers	\$100,000
37	ECU McGinnis Auditorium Upgrade/Replace Elevator	\$300,000
38	ECU Brewster HVAC Controls Optimization - D Wing	\$400,000
39	ECU Greenville Centre HVAC Controls Upgrade (Specific Remote Terminal Unit Variable Air Volumes)	\$300,000
40	ECU Plate and Frame Heat Exchanger for Science & Technology Central Chiller Plant w/ Controls Upgrade	\$300,000
41	ECU Old Cafeteria Building Controls (Specific Direct Digital Control) Upgrade	\$300,000
42	ECU Carol Belk Building HVAC system (Specific Variable Air Volume integration)	\$300,000
43	ECU Rivers Building HVAC System (Specific Variable Air Volume) to Trane	\$300,000
44	ECU Austin Building Air Handlers Replacement	\$1,500,000
45	ECU Warren Life Sciences Extend Sprinkler System to Original Section	\$181,000
46	ECU Building 43 Upgrade Freight Elevator Replace Shaft and Jack	\$230,000
47	ECU Main Campus Replace Power Distribution System Steam Plant	\$250,000
48	ECU Biotechnology Building Upgrade Laboratory Exhaust System	\$452,000
49	ECU Biotechnology Building Replace Exhaust Fans	\$130,134
50	ECU Repair and Repave Service Drive at West End Dining Behind White Residence Hall	\$150,000
51	ECU Wright Building/Wright Auditorium Fire Alarm System Upgrade	\$300,000
52	ECU Old Cafeteria and Ragsdale Annex Replace Roof	\$240,000
53	ECU Brody School of Medicine Replace Computer Room Air Conditioning (CRAC) Units GE-99	\$200,000
54	ECU Cotanche Data Center - Renovations to Improve Fire Protection System in Data Rooms (Specific FM 200)	\$210,000
55	ECSU Underground Infrastructure - Replace all campus plumbing gate valves/infrastructure for fire pump	\$150,000
56	ECSU Underground Infrastructure - Replace 6" with 8" line to improve water volume on campus north	\$300,000
57	ECSU Jenkins Hall (Phase 2) - Renovation Laboratory and Classroom (Phase 1 starts in 2020-21 R&R Year)	\$400,000
58	ECSU Vaughn Center - Repair student phys ed learning spaces (pool, flooring, ceilings & building envelope)	\$550,000
59	ECSU Fine Arts - Roof Replacement	\$200,000
60	ECSU Dixon Hall - Classroom and Laboratory Renovations	\$400,000
61	ECSU ITC - Air Handler Replacement	\$300,000

Campus	Project	Project Total
62	ECSU Lester Hall - Demolition	\$495,000
63	FSU Barber/Collins Admin Complex: roof replacement	\$200,000
64	FSU Campuswide: exterior lighting retrofit	\$400,000
65	FSU Campuswide: brick paver & concrete walk repairs	\$500,000
66	FSU Telecom: roof replacement	\$150,000
67	FSU Butler: roof replacement	\$650,000
68	FSU Chesnutt: MEP (generator)	\$400,000
69	FSU Telecom: MEP (central plant tie, AHU, BAS, MDP, generator)	\$750,000
70	FSU University Advancement: MEP (AHU, Heat Pumps, BAS, MDP)	\$600,000
71	FSU FM complex: MEP (HVAC, MDP, generator, restrooms)	\$450,000
72	FSU Harris CBE: precast concrete structural repair	\$100,000
73	FSU Cook: exterior stairs and patio repairs	\$100,000
74	FSU J.Knuckles Science Annex: roof replacement	\$150,000
75	NC A&T Roof Repairs (General Classroom B side)	\$1,241,107
76	NC A&T Boiler Replacement	\$1,459,200
77	NC A&T Hines Hall HVAC Modifications	\$300,000
78	NC A&T Waterproofing Buildings	\$600,000
79	NC A&T HVAC Repairs/Replacement(IRC Building)	\$705,274
80	NC A&T HVAC Repairs/Controls Dudley	\$403,305
81	NC A&T MCNair Hall HVAC Repairs	\$250,000
82	NC A&T Elevator Repairs/Replacement	\$450,000
83	NC A&T Steam Leaks Campus Wide	\$500,000
84	NC A&T Building Steam system repairs	\$200,000
85	NC A&T Roof Repairs (Moore Gym, Hodgin Hall, Fraiser Hall)	\$1,000,000
86	NC A&T Window Replacement (Price Hall, 1020 Wendover, Hodgin Hall, Campbell Hall, C.H. Moore	\$200,000
87	NC A&T Asbestos Abatement Campus Wide(1020 Wendover, Price, Corbett Sports Center, Campbell & Carver)	\$150,000
88	NC A&T Back Flow preventors (Campus Wide)	\$300,000
89	NC A&T Electrical Improvements(Beef Barn, Bull Barn, Dairy Barn)	\$100,000
90	NCCU BN Duke Steam to Natural Gas Conversion	\$350,000
91	NCCU Art Museum Roof Replacement	\$250,000
92	NCCU Campus-wide steam system repairs (steam traps, valves, leaks, piping & insulation replacement, MHs)	\$600,000
93	NCCU Robinson Science Building - Repair & Restore Brick Facade	\$300,000
94	NCCU Hubbard Totton Building - Elevator Replacement	\$350,000
95	NCCU Campus-Wide ADA Compliance Upgrades -- Phase 2	\$100,000
96	NCCU William Jones Building HVAC Upgrades	\$450,000
97	NCCU Walker PE Complex - Elevator Replacement	\$350,000
98	NCCU Sanitary Sewer System: locate/ assess terra-cotta pipes to stop significant inflow and infiltration	\$100,000
99	NCCU Roof Gutters & Vent Repairs at multiple locations	\$310,000
100	NCCU Taylor Building - Repair & Restore Brick Façade	\$161,000
101	NCCU Water System: Re-route South and East sides for increased capacity	\$135,000
102	NCCU Campus Wide Annual Flat Roof Diagnostics, Preventive Maintenance and Leak Repairs	\$300,000
103	NCCU Fire Alarm Systems Upgrades & Repairs at multiple locations	\$250,000
104	NCCU Steam Plant Roof Repair	\$40,000
105	NCCU Asbestos/Mold remediation/Contaminants removal - Multiple locations	\$300,000
106	NCCU Shepard Library ITS NOC HVAC Upgrades	\$230,000
107	NCCU Fine Arts Building Fire Alarm System Replacement	\$495,000
108	NCCU Miller Morgan Building VFDs Replacement	\$80,000
109	NCCU BN Duke Auditorium - Repair & Restore Brick Façade	\$300,000
110	NCCU Edmonds Building Brick Façade Repair & ADA Access Ease of Entry and Code Compliant Steps and Handrails & Repl	\$245,300
111	NCSSM Cafeteria Renovation	\$2,500,000
112	NC State Research Bldg III - HVAC Upgrades	\$900,000
113	NC State Original Campus - Domestic Water Line repair under Railroad Tracks	\$270,000
114	NC State Dabney - Renovation - Labs	\$1,500,000
115	NC State Polk -2nd Floor Overhang structural repair	\$150,000
116	NC State Scott Hall - Renovation - Labs	\$2,500,000
117	NC State Brooks Hall - Renovation - Phase 1	\$1,500,000
118	NC State Mann - Electrical Upgrades	\$950,000
119	NC State Thomas Hall - Renovation - Labs	\$1,000,000
120	NC State Polk - Fire Alarm Upgrade	\$600,000
121	NC State CVM Equine AHU replacement	\$300,000
122	NC State Mckimmon - ADA Improvements Restrooms	\$500,000
123	NC State Morrill Drive Domestic Water Line Replacement	\$661,000
124	NC State Fire Alarm Panel Replacement (Nelson, Park Alumni, Beef Education Unit, Schaub, CVM Research)	\$250,000

Campus	Project	Project Total
125	NC State Campus - Domestic Water Line and Valve Replacement Ph 11	\$650,000
126	NC State BAS Controls Upgrade Phase 1(Don Ellis, Brooks)	\$100,000
127	NC State Polk Hall - Renovation - Labs - Phase 1	\$1,500,000
128	NC State Campus - Asbestos Removal Steam System	\$650,000
129	NC State Caldwell Hall - Pointing & Caulking	\$100,000
130	NC State Research Bldg #1 - AHU replacement	\$850,000
131	NC State Research Bldg IV - HVAC Upgrades	\$1,100,000
132	NC State Centennial Campus - Repair steam leaks	\$550,000
133	NC State CVM Main - Fire Alarm Upgrade Phase 3 of 3	\$400,000
134	NC State Mann Hall - Fire Sprinkler System	\$500,000
135	NC State Campus - Steam Leak Repair MH13	\$200,000
136	NC State Gardner - Renovation - Labs	\$480,000
137	NC State Textiles - COT Pod 2 South side - Foundation Waterproofing	\$350,000
138	NC State Campus - Cooling Tower Refurbish at CBC	\$250,000
139	NC State Polk Hall - Fire Alarm Upgrade	\$600,000
140	NC State Biltmore - Code Deficiencies	\$2,000,000
141	NC State Campus - Upgrade Campus Sanitary/Storm Water System Ph 1	\$844,000
142	NC State Campus - Chilled Water System improvements	\$575,000
143	NC State Kilgore - Foundation Waterproofing	\$350,000
144	NC State Cox - Pointing & Caulking	\$300,000
145	NC State Tompkins Hall - Above grade Waterproofing / Pointing	\$200,000
146	NC State Yarborough - Chiller Controls Upgrade	\$146,000
147	NC State Campus - Sewer Line replacement - Court of NC	\$175,000
148	UNCA Campus Wide: Arc Flash Compliance - Phase II	\$150,000
149	UNCA Replace and Upgrade Fueling Station w/ compliant storage tanks/system (FCAP #31053)	\$150,000
150	UNCA Replace the existing pedestrian pathways to connect main quad to Owen Hall	\$250,000
151	UNCA Replace walkways in Tennent Park to provide ADA accessible path to the main quadrangle/Carmichael Hall.	\$250,000
152	UNCA Repair concrete at Carmichael Plaza & walk along Ramsey/Tennent Park	\$200,000
153	UNCA Reuter Center: replace BAS, add VFD to AHU (FCAP #31131)	\$150,000
154	UNCA Roof Replacements: Reuter Center (EPDM) & Riverside Warehouse (single-ply) (FCAP #14433)	\$475,000
155	UNCA Rework intersection at Edgewood and University Heights	\$250,000
156	UNCA Utility Location Survey and installation of underground utility markers	\$200,000
157	UNCA Zageir Hall: Replace exist machinery in kind with new HE models, in-kind.(FCAP #31124)	\$225,000
158	UNCA Underground Waterline Repairs: replace domestic waterline, valves, and associated work	\$506,000
159	UNCA Campus Wide: Implement interoperable communications per 911 commission	\$250,000
160	UNCA Campus Wide: Install sub metering in all buildings - gas, electric, domestic hot water, rain water systems, and heati	\$150,000
161	UNCA Replace sidewalks at Zageir Hall	\$150,000
162	UNCA Weizenblatt Hall: Replace low slope roof with new membrane roof.	\$175,000
163	UNCA 118 WT Weaver HVAC Replacement: Replace major HVAC System equipment, update controls	\$518,974
164	UNCA Campus Wide: Replace deteriorated, rusted handrails with aluminum	\$250,000
165	UNC-CH 462 Art Studio Building Replace Roofing - Steel Roof	\$219,772
166	UNC-CH 12 Carroll Hall Replace Roofing - Built-Up Roof, Sector C	\$406,823
167	UNC-CH 209 First Dental Replace Roofing - Slate Roof	\$565,120
168	UNC-CH 166 General Storeroom Replace Roofing - Built-Up Roof - Sector 5	\$577,490
169	UNC-CH 625 ITS Building - Manning Replace Roofing - Built-Up Roof	\$672,719
170	UNC-CH 27 Memorial Hall Replace Barrel Roof	\$330,000
171	UNC-CH 226 Old Clinic Replace Built-Up Roof	\$283,355
172	UNC-CH 5 South Building Replace Roofing - Replace Metal Roof, Gutters and Install Fall Protection	\$927,239
173	UNC-CH 228 Brinkhous-Bullitt Building Electrical Service and Distribution - Replace Main/Sub Distribution	\$4,843,986
174	UNC-CH 12 Carroll Hall Repair and Renovate Elevator #1618	\$746,929
175	UNC-CH 12 Carroll Hall Repair and Renovate Elevator #6442	\$464,850
176	UNC-CH 41 Coastal Process Environmental Health Lab Building System Cumulative Deficiencies	\$675,000
177	UNC-CH 13 Davie Hall Replace Air Handling Unit 1A, 1st Floor 1967 Building	\$428,865
178	UNC-CH 13 Davie Hall Replace Air Handling Unit 1B, 1st Floor 1967 Building	\$169,045
179	UNC-CH 3 Ackland Art Museum Install Building Automation System	\$236,625
180	UNC-CH 13 Davie Hall Replace Air Handling Unit 1C, 1st Floor 1967 Building	\$225,461
181	UNC-CH 14 Dey Hall Repair and Renovate Elevator #4576	\$407,206
182	UNC-CH 369 Friday Center Replace Heating/Cooling Air Handling Units - AHU 01 - Office, 1st Floor	\$255,456
183	UNC-CH 369 Friday Center Replace Heating/Cooling Air Handling Units - AHU 02 - Mail/Book Room, 1st Floor	\$272,402
184	UNC-CH 462 Art Studio Building Install Fire Sprinkler System	\$326,540
185	UNC-CH 211 Brauer Hall Fire Alarm Systems - Replace Fire Alarm Initiating Devices and Control Panel	\$565,868
186	UNC-CH 13 Davie Hall Fire Alarm Systems - Replace Fire Alarm Control Panel	\$135,985
187	UNC-CH 498 Kenan Center Fire Alarm Systems - Replace initiating Devices and Control Panel	\$200,000

Campus	Project	Project Total
188	UNC-CH 3 Ackland Art Museum Air Handling Units, AHU 2, Rear Galleries, Admin, 1983 Building	\$419,748
189	UNC-CH 24 Wilson Library Replace AHU 7 HVAC System	\$5,086,299
190	UNC-CH 3 Ackland Art Museum Replace Windows - Painted Wood Window	\$484,785
191	UNC-CH 328 Bingham Facility (Building 1) Replace Roofing - EPDM Roof	\$225,560
192	UNC-CH 228 Brinkhous-Bullitt Building Provide Roof Fall Protection	\$156,547
193	UNC-CH 229 Burnett-Womack Building Provide Roof Fall Protection	\$138,419
194	UNCC Atkins Roof	\$911,250
195	UNCC Reese Roof	\$226,100
196	UNCC Reese Fire Systems	\$773,500
197	UNCC Memorial Hall Fire Systems	\$327,250
198	UNCC Duke HVAC & Controls	\$654,500
199	UNCC Friday Roof	\$1,011,000
200	UNCC RUP-2 HVAC & Controls	\$416,500
201	UNCC King Fire Systems & Abatement	\$729,000
202	UNCC Fretwell HVAC & Controls	\$1,574,009
203	UNCC Memorial Hall Envelope	\$120,311
204	UNCC Memorial Hall Roof	\$188,792
205	UNCC Reese Envelope	\$995,269
206	UNCC King Envelope	\$839,459
207	UNCC Grigg HVAC & Controls	\$561,202
208	UNCC Friday Fire Systems	\$631,072
209	UNCC Rowe Elevators	\$156,334
210	UNCC Rowe Electrical	\$154,042
211	UNCC Fretwell Fire Systems	\$362,670
212	UNCG Petty Bldg. Portico waterproofing	\$712,031
213	UNCG MHRA Building. Fire Alarm System Replacement	\$985,327
214	UNCG Mossman Bldg. Roof Replacement	\$773,128
215	UNCG ADA compliance project. Campus wide. Restrooms, entrances, etc.	\$400,000
216	UNCG UNCG State Building exterior envelope repairs	\$762,000
217	UNCG Cone Art Bldg. Replace gallery lighting and lighting controls (Phase 2 & 3)	\$861,750
218	UNCG Replace Generator Diesel Fuel tank	\$839,175
219	UNCG Campus Wide. Replace property line fences, Replace underground piping for roof drainage	\$230,000
220	UNCG Sullivan Science Bldg. Replace HVAC in Greenhouse	\$683,434
221	UNCG Campus Wide. Pedestrian crosswalks repairs and upgrades for safety.	\$486,000
222	UNCG Armfield-Preyer (Visitor's Center). Exterior renovation and water proofing.	\$435,000
223	UNCG Campus wide, Walks and hardscape improvements	\$240,000
224	UNCG Campus wide asbestos & Lead abatement	\$240,000
225	UNCG Petty Bldg. Replace EST QuickStart fire alarm system	\$400,000
226	UNCG Sink Bldg. Maintenance Compound - Asphalt Replacement.	\$140,000
227	UNCG Coleman Bldg. VCT flooring abatement and replacement.	\$250,000
228	UNCG Fire Alarm Upgrade. 996 Spring Garden, 1605 Spring Garden, 535 Tate Street, 2900 Oakland Ave.	\$250,000
229	UNCG Cone Arts. Lecture Hall, room 103 seating, flooring, lighting, others upgrade	\$187,000
230	UNCP Campus Gas line replacement	\$550,000
231	UNCP Jones Pool HVAC replacement	\$1,300,000
232	UNCP Livermore & Jones Generator	\$424,500
233	UNCP Honors College renovation	\$250,000
234	UNCP Jones auxiliary gym and Dance studio flooring and studio upgrades	\$625,000
235	UNCP Education Boiler replacement	\$110,000
236	UNCP Chavis Air Handlers	\$390,000
237	UNCP Moore Hall & Chavis boiler replacement	\$190,000
238	UNCP Lumbee Hall & Old Main Elevator replacement	\$465,000
239	UNCP Jones, Livermore, Lumbee, Old Main FACP replacement	\$682,000
240	UNCP Jones ceiling repaint	\$110,000
241	UNCSA Gray Bldg New Electrical Service Main	\$256,000
242	UNCSA Life Safety Code Correction - Design and Production, Workplace, Film Building 3	\$134,000
243	UNCSA Install Exit/Egress Lighting - Admin, Aquarius, Facilities, D&P Storage, WorkplaceWest V, Demille	\$115,000
244	UNCSA Renovate Drama Studios - Workplace	\$448,000
245	UNCSA Drainage and Landscape Improvements - Common Area at Moore and Sanford	\$397,000
246	UNCSA Renovate Drama Administrative Offices - Workplace	\$323,000
247	UNCSA Install Shop Exhaust and Heating System - Facilities Management	\$95,000
248	UNCSA Gray Bldg Remove boilers	\$123,000
249	UNCSA Repair/Replace Windows - Film School Buildings 1 and 2	\$202,000
250	UNCSA Film Archives Building A/C and controls	\$485,000

	Campus	Project	Project Total
251	UNCSA	Provide Heating and Cooling to Control Booth and Foley Booth - Performance Place, Film 2	\$87,000
252	UNCSA	Modifications to Heating, Ventilation and Air Conditioning System for Police - Gray	\$101,000
253	UNCSA	Paint Rooftop Components - Film School	\$81,000
254	UNCSA	Resurface Drives and Vehicle Staging - Facilities Management	\$75,000
255	UNCSA	Renovate Administrative and Faculty Offices - Design and Production	\$162,000
256	UNCSA	Mechanical System Retrocommissioning - Design and Production	\$134,000
257	UNCSA	ADA Campus-Wide Misc. Improvements	\$39,000
258	UNCSA	Roof Replacement - Chapel St Buildings	\$34,000
259	UNCSA	Exterior Waterproofing and Repairs - 300 Waughtown	\$73,000
260	UNCSA	Film School Bldg 3, Theater dimmers	\$232,000
261	UNCSA	Hanes Student Commons motor control center	\$150,000
262	UNCSA	Upgrade Air Distribution and Controls - Commons Building	\$93,000
263	UNCSA	Partial Interior Renovation - Commons	\$75,000
264	UNCSA	Replace Floor Slabs, Sidewalks and Stairs – Residence Halls A–F	\$118,000
265	UNCW	West Side Energy Plant Modernization	\$3,926,440
266	UNCW	Wagoner, Hurst, Hamilton roadways - Storm Water Refurbishment	\$2,500,000
267	UNCW	Replace Fire Alarm System - Warehouse - Receiving	\$161,000
268	UNCW	Replace Fire Alarm System - Telecommunications	\$62,000
269	UNCW	Fire/Life safety Improvements - Kenan Auditorium	\$75,000
270	UNCW	Fire Sprinkler - Isaac Bear Bldg.	\$410,000
271	UNCW	Replace Windows - Alderman Hall	\$280,000
272	WCU	HFR Building - Roof Replacement	\$660,000
273	WCU	Campus Wide - Fire Alarm System Upgrades	\$300,000
274	WCU	Reid Building - Gym Floor Replacement	\$275,000
275	WCU	Undersized Water Mains Replacement, Non-Functioning Valves and Upgrade Lines	\$3,000,000
276	WCU	Facilities Management Building - Roof Replacement	\$193,000
277	WCU	Highlands Biological Station - Structural Repairs	\$250,000
278	WCU	Ramsey Activities Center - Elevator Replacement	\$250,000
279	WCU	HFR Building - Chiller Replacement	\$200,000
280	WCU	Old Student Union - Foundation and Exterior Repair	\$450,000
281	WCU	Hunter Library - Cooling Tower Replacement	\$175,000
282	WCU	Egress Lighting and Exit Light Replacement - Campus Wide	\$100,000
283	WSSU	Repair Roof - Computer Science	\$120,000
284	WSSU	Replace Roof - Gaines Complex	\$660,000
285	WSSU	Exterior Wall Repairs - Computer Science	\$110,000
286	WSSU	Exterior Wall Repairs - W. B. Atkinson	\$125,000
287	WSSU	Elva Jones Computer Science - HVAC Upgrades and BAS Controls Replacement	\$1,450,000
288	WSSU	Upgrade HVAC Make-up Air System - O'Kelly Library	\$375,000
289	WSSU	Add Fire Alarm System - 1600 Lowery St	\$125,000
290	WSSU	Fire Alarm System Upgrades - Campus-wide	\$750,000
291	WSSU	Replace Roof - R.J. Reynolds	\$205,000
292	WSSU	Ext. Wall Repairs, Door and Window Repl. - Coltrane Hall	\$275,000
293	WSSU	Upgrade Electrical System - O'Kelly Library	\$250,000
294	Subtotal:		\$140,057,434
295		UNC System R&R Projects	\$3,497,566
296	Total for R&R Projects:		\$143,555,000

Table 7. UNC Comprehensive Renovation Projects - Cash Funded

University	Project	Proposed spend FY21-23
1 Appalachian State	Wey Hall Envelope and Roof Repair	\$5,000,000
2 Appalachian State	Wey Hall Partial Renovation - Building Systems	\$10,000,000
3 East Carolina	Brody High Rise Code Compliance - Phase 2	\$6,000,000
4 East Carolina	Main Campus - College Hill Drive Steam - Phase 3	\$2,500,000
5 East Carolina	Whichard Building Comprehensive Renovation	\$10,000,000
6 East Carolina	Speight Building Roof, Window, and Envelope Replacement	\$4,000,000
7 East Carolina	Chilled Water Extension to Whichard & Graham	\$6,475,000
8 East Carolina	Main Campus-Relocate Steam & Condensate - Phase 1	\$5,000,000
9 East Carolina	Health Science Building Envelope Infiltration Repairs	\$5,000,000
10 Elizabeth City State	Repair Campus Main Switch	\$700,000
11 Elizabeth City State	Repair Campus Pump Station	\$650,000
12 Elizabeth City State	Infrastructure Upgrades - Water & Electrical, Phase 1	\$12,000,000
13 Elizabeth City State	Emergency Generator Power - Operations	\$4,900,000
14 Elizabeth City State	Emergency Generator Power - Residence Halls	\$2,100,000
15 Elizabeth City State	Campus-wide Lockdown System	\$2,000,000
16 Elizabeth City State	Building Demolition - Four Buildings	\$1,500,000
17 Elizabeth City State	Butler Residence Hall Renovations	\$2,500,000
18 Fayetteville State	H.T. Chick Targeted Renovation	\$9,500,000
19 Fayetteville State	Lyons Science Renovation	\$1,500,000
20 Fayetteville State	Butler Renovation - HVAC, Bldg Envelope, Fire Alarm	\$3,450,000
21 Fayetteville State	A.B. Rosenthal Building - Targeted Renovation	\$10,000,000
22 Fayetteville State	Campuswide Utility Infrastructure	\$9,950,000
23 NC A&T	Lab Animal Science Research Unit Renovation	\$15,000,000
24 NC A&T	Carver Hall Comprehensive Modernization-Phase 2	\$10,400,000
25 NC A&T	Price Hall Renovation-Phase 2	\$8,500,000
26 NC A&T	Carver Hall Comprehensive Modernization-Phase 1	\$9,700,000
27 NC A&T	Price Hall Renovation- Phase 1	\$8,000,000
28 NC A&T	Marteena Hall Renovation	\$9,100,000
29 NC Central	Taylor Education Building Renovation	\$13,750,000
30 NC Central	Lee Biology Renovation	\$8,100,000
31 NC School of Science and Math	Academic Commons and Dining Hall Renovation	\$12,400,000
32 NC School of Science and Math	HVAC Campus Wide Renovations	\$2,000,000
33 NC School of Science and Math	Chiller Replacement	\$3,000,000
34 NC School of Science and Math	Building Envelope Repairs	\$5,850,000
35 NC State	Page Hall - Bldg Envelope Repairs & Plumbing Upgrades	\$4,000,000
36 NC State	Scott Hall - HVAC Renovation	\$5,000,000
37 NC State	Mann Hall - HVAC and Plumbing Renovation	\$10,000,000
38 NC State	Kilgore Hall - HVAC Renovation	\$10,000,000
39 NC State	Domestic Water Line Replacement-North and Central Campus	\$4,303,000
40 NC State	Fire Protection Systems - Poe Hall	\$3,500,000
41 NC State	HVAC Renovation - Thomas Hall	\$4,000,000
42 UNC Asheville	Lipinsky Renovation	\$10,000,000
43 UNC Asheville	Campus Safety Improvements, Access Control, Cameras	\$2,300,000
44 UNC Asheville	Campus Roadway Repairs	\$4,400,000
45 UNC Chapel Hill	Wilson Library - Means of Egress	\$9,300,000
46 UNC Chapel Hill	Swain Hall - Targeted Renovation	\$5,800,000
47 UNC Chapel Hill	Phillips Hall - 1958 Central HVAC System	\$6,000,000
48 UNC Chapel Hill	Hamilton Hall - Central HVAC System	\$8,800,000
49 UNC Chapel Hill	Wilson Library - 1953 Central HVAC System AHU 1 & 2	\$7,000,000
50 UNC Chapel Hill	Wilson Library - 1953 Central HVAC System AHU 3	\$4,000,000
51 UNC Charlotte	Atkins Library Tower - ADA & Elev	\$10,000,000

University	Project	Proposed spend FY21-23
52 UNC Charlotte	Smith Replace HVAC & Controls, Envelope, Replace Roof	\$5,950,000
53 UNC Charlotte	Atkins Library Tower - Fire and Smoke Systems	\$3,840,000
54 UNC Charlotte	Woodward Controls and Lab HVAC Modernization	\$2,700,000
55 UNC Charlotte	Friday HVAC, Controls, and Electrical Upgrade	\$9,700,000
56 UNC Greensboro	Coleman Fire Alarm Replacement	\$2,440,000
57 UNC Greensboro	Steam Distribution Replacement Phase IV -B	\$1,550,000
58 UNC Greensboro	Campus Chiller Water Infrastructure & Equip Improvmts	\$10,400,000
59 UNC Pembroke	Business Administration Renovation	\$12,500,000
60 UNC Pembroke	Demolition of Jacobs Hall with Site Restoration	\$1,250,000
61 UNC Pembroke	Campus Roof Replacement - Various	\$1,500,000
62 UNC Pembroke	Campus Safety and Regional Emergency Response Center	\$4,480,000
63 UNC School of the Arts	Stevens Center - Roof, Water Intrusion, Bldg Envelope	\$4,800,000
64 UNC School of the Arts	Gray Building - Roof, Bldg Envelope, HVAC, Fire Suppression	\$3,350,000
65 UNC School of the Arts	Replace Roofs - Performance Place, Workplace, WPV	\$2,435,000
66 UNC Wilmington	Coastal Marine Studies - Plumbing, Mech, Elec Renovation	\$9,930,000
67 Western Carolina	Moore Building Renovation	\$15,000,000
68 Western Carolina	Killian Building - HVAC Upgrades, Window Replacement	\$3,570,000
69 Western Carolina	Reid Building - Roof Replacement	\$2,520,000
70 Western Carolina	Moore Building - Abatement, Demo & Struct Improvmts	\$7,100,000
71 Western Carolina	Moore Building - Infrastructure and Accessibility	\$4,200,000
72 Winston Salem State	Hauser Hall Renovation - Phase 2	\$7,500,000
73 Winston Salem State	Restore the Core - Hauser Hall Renovations	\$9,500,000
74 UNC-TV	Tower Lighting, FAA Markers, Tower Elev Repair	\$2,200,000
75 UNC-TV	Bryan Center - Replace HVAC Air Handler and Controls	\$2,707,000
76 UNC-TV	Bryan Center - Chiller and Cooling Tower Replacement	\$1,120,000
77 NC Arboretum	Infrastructure Restoration and Road Repairs	\$1,000,000
78 Total		\$462,170,000

Table 8. Recommended Cash Funding for Other State Agency Capital Improvements Projects

Agency	Project	Amount
1 Administration	New Central Chiller	\$21,875,000
2 Administration	Jones St. Lighting and Enhancements	\$5,071,000
3 Administration	HHS Relocation - Move Utilities / Mail Service Warehouse	\$13,700,000
4 Administration	Covid-Related Measures in State Buildings, e.g. HVAC Upgrades	\$4,200,000
5 Agriculture	Eaddy Building Renovation and Expansion	\$1,632,000
6 Agriculture	NCFS Region 1 Headquarters	\$8,000,000
7 Health and Human Services	New Maintenance Facility New Broughton Hospital	\$1,600,000
8 Health and Human Services	Longleaf Neuro-medical Center	\$14,100,000
9 Health and Human Services	Julian Keith Alcohol and Drug Abuse Treatment Center	\$4,492,000
10 Health and Human Services	TROSA expansion grant-in-aid	\$9,000,000
11 Agriculture	Tidewater Research Station Swine Unit Replacements	\$3,518,000
12 DIT	Eastern Data Center Renovation	\$11,000,000
13 Justice	NCJA-W Residence Hall Water Intrusion	\$1,722,000
14 Justice	NCJA-E Residence Hall B Renovation	\$2,739,484
15 Justice	NCJA- Fallen Officer Monument	\$85,000
16 Justice	NCJA-E Campus Repaving	\$425,000
17 Justice	NCJA-W Campus Repaving	\$314,000
18 Justice	Old Education Building Window Replacement	\$1,137,000
19 Natural and Cultural Resources	Fort Fisher Historical Site Visitor Center	\$8,000,000
20 Natural and Cultural Resources	State Capital African American Monument	\$2,500,000
21 Natural and Cultural Resources	Graveyard of the Atlantic Renovation and Exhibits	\$4,200,000
22 Natural and Cultural Resources	Thomas Day House	\$800,000
23 Natural and Cultural Resources	Art Museum Light Control	\$1,000,000
24 Natural and Cultural Resources	Fort Fisher Aquarium Expansion	\$20,000,000
25 Natural and Cultural Resources	Museum of Natural Sciences Dueling Dinosaurs Lab	\$784,000
26 Natural and Cultural Resources	Art Amphitheater Restoration	\$2,448,102
27 Natural and Cultural Resources	Transportation Museum (Power House)	\$2,250,000
28 Natural and Cultural Resources	North Carolina Maritime Museum	\$1,500,000
29 Public Safety	Samarcand Cochran Land Purchase	\$127,000
30 Public Safety	ACDP - Arledge Building Modifications and Shop Building	\$6,422,000
31 Public Safety	DJJ Richmond Regional JDC Raise the Age Renovations	\$10,702,952
32 Public Safety	NCCIW HVAC	\$2,667,000
33 Public Safety	NSHP Troop B Elizabethtown	\$2,360,000
34 Public Safety	National Guard Armory and Facility Projects	\$3,569,696
35 State Agency Total		\$173,941,234

Table 9. Receipt-Funded Capital Projects

Project	FY2021-2022	FY2022-2023
1 Department of Agriculture and Consumer Services		
2 NC State Fair Improvements	\$0	\$4,000,000
3 Research Stations- Demolition	\$0	\$100,000
4 Research Stations- Irrigation Improvements	\$0	\$500,000
5 Research Stations Livestock Buildings	\$0	\$700,000
6 Research Stations- Storage Buildings	\$0	\$500,000
7 NC Forest Service Observation Platforms	\$0	\$825,000
8 NC Forest Service Storage Buildings	\$0	\$125,000
9 NC Forest Service Restrooms	\$0	\$580,000
10 NC Forest Service Picnic Shelters	\$0	\$150,000
11 NC Forest Service Parking Improvements	\$0	\$2,325,000
12 NC Forest Services Equipment Shelters	\$0	\$1,460,000
13 NC Forest Service Bridge Construction	\$0	\$500,000
14 Department of Military and Veterans Affairs		
15 Wake County Veterans Home	\$29,995,000	\$0
16 Wildlife Resources Commission		
17 Agency Land Acquisition	\$10,000,000	\$6,000,000
18 Setzer Fish Hatchery	\$18,500,000	\$0
19 Samarcand Training Facility	\$7,500,000	\$0
20 New Bern Depot Boat Storage Facility	\$275,000	\$0
21 Marion Aquaculture Building	\$360,000	\$0
22 Elizabethtown Depot Storage Shed	\$200,000	\$0
23 McKinney Lake Residence	\$300,000	\$0
24 Sandhills Depot Pole Shed	\$200,000	\$0
25 District 7 Storage Building - Wilkesboro	\$140,000	\$0
26 Burnsville Depot	\$500,000	\$0
27 Balsam Depot	\$400,000	\$0
28 Game Land Improvements	\$1,000,000	\$0
29 Morganton Depot Pole Shed	\$0	\$130,000
30 Mills River Depot Pole Shed	\$0	\$150,000
31 Rhems Depot Storage Building	\$0	\$230,000
32 Caswell Depot Storage Building	\$0	\$440,000
33 Department of Public Safety		
34 ABC Warehouse Storage	\$313,000	\$0
35 ABC Office Modifications	\$480,000	\$50,000
36 Department of Natural and Cultural Resources		
37 Edenton State Historic Site	\$291,940	\$0
38 Charlotte Hawkins Brown Tea House	\$425,000	\$0
39 USS NC Battleship - Living with Water	\$2,335,451	\$0
40 Transportation Museum - Southern Railway Car Exhibit	\$287,442	\$0
41 USS NC Battleship - Mast Repairs	\$1,000,000	\$0
42 Bentonville State Historic Site - Harper House Renovations	\$100,000	\$0
43 Charlotte Hawkins Brown Memorial Galen Stone Hall	\$1,100,000	\$0
44 NCMA - Terrace and Green Project	\$475,000	\$0

Project	FY2021-2022	FY2022-2023
45 Brunswick Town State Historic Site - Shoreline Stabilization	\$3,000,000	\$0
46 Bennett Place - Visitor Center Renovations	\$858,658	\$0
47 Department of Transportation		
48 Polk County Maintenance Office, Tire Repair Shop and Equipment Shop	\$745,285	\$0
49 Currituck Equipment and Maintenance Storage Facility	\$447,574	\$0
50 Northampton County Jackson Sub-Shop	\$3,000,000	\$0
51 Alamance County Graham Sub-Shop	\$0	\$1,792,764
52 Edgecombe County Maintenance and Storage	\$0	\$1,751,208
53 Cleveland County Division 12 Division Office	\$0	\$5,022,534
54 Alleghany County Equipment Shop	\$0	\$162,000
55 DOT R&R	\$6,550,000	\$6,725,000
56 Total	\$ 90,779,350	\$ 34,218,506