

Sen. Tammy Story, *Chair*
Sen. Rhonda Fields
Sen. Jerry Sonnenberg

Rep. Edie Hooton, *Vice Chair*
Rep. Janice Rich
Rep. Donald Valdez



Capital Development Committee

State Capitol Building, Room 029
Denver, Colorado 80203-1784
(303) 866-3521



February 15, 2022

Representative Julie McCluskie, Chair
Joint Budget Committee
200 East 14th Avenue, Third Floor
Denver, CO 80203

Dear Representative McCluskie,

The Capital Development Committee (CDC) is pleased to forward its FY 2022-23 capital construction and controlled maintenance recommendations to the Joint Budget Committee (JBC) for inclusion in the 2022 Long Bill.

The CDC is recommending, in priority order, state funding for 142 projects, including the full list of 108 projects included in Level 1, Level 2, and Level 3 controlled maintenance. The CDC is also recommending cash funds spending authority for five projects. The CDC recognizes that state-funded capital projects will be funded almost entirely through a General Fund transfer. The CDC requests that the JBC fund the listed projects in priority order.

The CDC submits these recommendations with the understanding that its recommendations may need to be revisited by the JBC due to new revenue projections, new information received about projects, or pending legislation that impacts the General Fund. If, during its deliberations, the JBC considers changing the order, cost, or scope of the priority recommendation, the CDC requests that the two committees meet to discuss these changes, pursuant to Section 2-3-203 (1)(b.1)(I)(B), C.R.S.

State-Funded Recommendation

The CDC is recommending state funding for 142 projects. The recommendations include 2 annual lease payments for certificates of participation (COP) issuances, 7 state department capital construction projects, 7 state department capital renewal projects, 12 higher education capital construction projects, 6 higher education capital renewal projects, and the entire list of Levels 1 (39 projects), 2 (46 projects), and 3 (23 projects) controlled maintenance. The projects total \$581,049,328 million for FY 2022-23 and \$391,011,964 million for each of the three subsequent fiscal years, as shown in Figure 1.

Figure 1
Summary of FY 2022-23 State-Funded Recommendation
With Subsequent Year Impact
(in millions)

FY 2022-23	
Fund Source	Totals
Capital Construction Fund	\$509,402,414
Cash Funds	\$71,646,914
<i>Totals</i>	<i>\$581,049,328</i>
Out-year Requests	
Fund Source	Totals
Capital Construction Fund	\$328,110,176
Cash Funds	\$62,901,788
<i>Totals</i>	<i>\$391,011,964</i>

Figure 2 summarizes the FY 2022-23 state-funded recommendations by category and source of funding.

Figure 2
Summary of FY 2022-23 State-Funded Recommendations
(in millions)

Project Type	# of Requests	Total Cost	State Funds	Cash Funds
FY 22-23				
Capital Construction	19	\$319.0	\$250.0	\$69.0
Capital Renewal	13	\$113.5	\$113.0	\$0.4
Certificates of Participation	2	\$22.2	\$22.2	0
Controlled Maintenance	108	\$126.3	\$124.2	\$2.2
Grand Total	142	\$581.0	\$509.4	\$71.6

Explanation of CDC state-funded recommendation. On January 3, 2022, the Governor’s Office of State Planning and Budgeting (OSPB) submitted a reordered capital project list recommendation totaling \$309.9 million in state funding. During its deliberations about capital project funding, the CDC referenced the prioritized funding recommendations made by OSPB. The CDC recommendation is \$509.4 million in state funding, which is \$199.5 million more than OSPB’s recommendation. CDC reordered the priorities assigned to many projects by OSPB and recommended more than the OSPB state-funded budget amount due to the availability of one-time funds and the need to catch up on capital projects that have long been neglected. The CDC also ranked non-recommended projects in the event that additional funding for capital construction is identified.

Projects recommended for funding by the CDC. The 142 projects recommended by the CDC include 128 projects also recommended for funding by OSPB: 108 Levels 1, 2, and 3 controlled maintenance projects, 11 capital renewal projects, 7 capital construction projects, and 2 COP payments. In reordering OSPB’s priorities, the CDC focused on including each agency’s, department’s, and higher education institution’s top priority project. The committee recommends funding for every institution of higher education’s first priority project, which did not necessarily reflect the highest-ranked project for each institution by the Colorado Commission on Higher

Education (CCHE) or OSPB, so long as these recommendations do not upset the enterprise status of certain higher education institutions. CDC's intent is to honor the prioritization as set out by the institutions themselves, while also not excluding any institution. The recommendations reflect CDC's ongoing commitment to maintaining the state's existing real estate inventory. In addition to recommending funding for all three levels of controlled maintenance, of the remaining 32 recommended projects (and excluding the 2 COP payments), 13 are capital renewal projects.

The CDC also gave special consideration to projects that address health and safety issues. This includes focusing on higher education programs that help fill workforce needs, especially in the healthcare field. This resulted in recommending 18 higher education projects for funding, three of which support career-oriented education in disciplines that are in high demand in Colorado (priorities #21, #22, and #27). In particular, the committee highlighted Metropolitan State University of Denver's (MSUD) Health Institute project (#22), which has been requested for several years, but not funded up until this point due to its high price point. This year, the committee took into consideration not only the urgent need for healthcare workers but also the impending displacement of the MSUD nursing labs from the Boulder Creek Building, which was funded in last year's Long Bill. The committee worked with MSUD to make an adjustment to the phasing of their request to move up the space renovation portion of the project to accommodate the nursing labs. This resulted in a slightly higher funding recommendation (\$10 million) than originally requested by MSUD (\$7.7 million).

The CDC would like to note one area of overlap between projects for the JBC: a Level 2 Controlled Maintenance project (#62 on the State Architect's list) funds a small portion of the improvements that are included in the University of Colorado – Denver's (CU Denver) Building Infrastructure Replacement and Renovation project (#20). The CDC notes this overlap for the JBC so that those improvements are not double funded in the event that both Level 2 Controlled Maintenance and the CU Denver Building Infrastructure Replacement and Renovation project are included in the Long Bill.

The recommendation also includes two COP payments: the annual payments for the projects funded through Senate Bill 20-219 and the annual payment for the Colorado State University (CSU) National Western Center COP issuance.

The CDC is recommending funding the full amount for the Senate Bill 20-219 COP payments using state funds. The Governor's capital budget proposal recommended that some of the payment come from cash funds controlled by Colorado State University and the University of Colorado. In a January 25, 2022, letter to the JBC, the CDC reiterated that the committee's intent has always been to fund the payments using state funds. The CDC is reaffirming this intent once again through its capital budget recommendation.

The source of the CSU National Western Center COP payment is a General Fund transfer to and payment from the National Western Center Trust Fund created in Section 23-31-902, C.R.S. Because of this, the COP payment is likely to be reflected as cash funds in the 2022 Long Bill. However, the CDC lists this as state funds in its recommendation in recognition of the fact that the payment is ultimately a transfer from the General Fund.

Projects not prioritized for funding by the CDC. The CDC includes in its FY 2022-23 recommendation a list of projects for which funding was requested, but for which the committee does not anticipate funding to be available. These projects were also ranked by the CDC in the event that additional state funding is identified.

Sources of revenue. The available revenue for capital construction, as identified by Legislative Council Staff, totals \$76.9 million from the sources listed in Figure 3. To make up the difference between the CDC's state-funded recommendation (\$581.0 million) and the identified available revenue, the CDC is recommending a General Fund transfer to the Capital Construction Fund of \$504.2 million to support its recommendation.

**Figure 3
 Proposed Revenue for FY 2022-23 State-Funded Projects**

Amount	Source
\$ 2,606,932	Capital Construction Fund balance as of October 22, 2021
2,600,000	Capital Construction Fund projected FY 2020-21 interest earnings
71,646,914	Cash match for recommended projects
\$76,853,846	Subtotal
\$581,049,328	Cost of recommended, state-funded projects
\$504,195,482	General Fund transfer required for recommended projects

Source: Legislative Council Staff.

Cash Recommendation

The CDC is recommending cash funds spending authority for five projects totaling \$61.9 million for FY 2022-23. Typically, this section includes only state department projects because higher education cash-funded projects are reviewed under a separate process. This year, one project for Fort Lewis College has been included due to its association with a state-funded project; it reflects the cash contribution to the Health Sciences Center project whose state-funded portion was funded by the Senate Bill 20-219 COP issuance.


Attachments

Six documents are attached for your reference. Attachments A through F are described below.


- Attachment A lists the CDC's state-funded capital recommendations in priority order. Attachment A also reflects the OSPB recommended priority order.
- Attachment B lists the CDC's state-funded capital recommendations in priority order, with descriptions of each project and the FY 2022-23 state-funded costs.
- Attachment C lists the cash-funded requests the CDC recommends for funding, with project descriptions.
- Attachment D includes descriptions of the Level 1, 2, and 3 controlled maintenance projects, which were recommended for funding.
- Attachment E provides details about the source of cash funds for all projects.
- Attachment F lists all remaining projects which were considered by the CDC, but not recommended for funding, with descriptions of each project.

The CDC welcomes the opportunity to meet with the JBC to discuss these recommendations. If you have any questions or concerns about the CDC's recommendations, please call Bo Pogue, Legislative Council Staff, at 303-866-5390.

Sincerely,




Senator Tammy Story, *Chair*



Senator Rhonda Fields



Senator Jerry Sonnenberg



Representative Edie Hooton, *Vice-Chair*



Representative Janice Rich



Representative Donald Valdez

- c: Capital Development Committee Members
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- Capital Development Committee Staff
- Lauren Larson, Office of State Planning and Budgeting
- Meredith Moon, Office of State Planning and Budgeting
- Vanessa Reilly, Office of State Planning and Budgeting
- Lauren Gilliland, Department of Higher Education
- Cheri Gerou, Office of the State Architect
- Carolyn Kampman, Joint Budget Committee Staff
- Amanda Bickel, Joint Budget Committee Staff
- Andrea Uhl, Joint Budget Committee Staff

Attachment A

Capital Development Committee FY 2022-23 Prioritized Funding Recommendation for February 10, 2022

CDC Rank	OSPB Rank	CCHE Rank	Department	Name	CCF	CF	Outyear CCF	Outyear CF	New, Recurring, or Continuation
Projects Recommended for State Funding by CDC									
N/A	N/A	N/A	Colorado State University	National Western Center Lease Payments	17,496,791	0	69,998,116	0	R
N/A	N/A	N/A	Higher Education	Senate Bill 20-219 COP Payment	4,746,375	0	7,716,449	11,299,551	N, R
1	1		Personnel and Administration	Controlled Maintenance Level 1	44,105,652	504,537	0	0	R
2	2		Personnel and Administration	Controlled Maintenance Level 2	53,722,139	1,648,793	0	0	R
3	6		Human Services	HVAC Replacement, Four Buildings, CMHI at Pueblo (Capital Renewal)	17,559,780	0	29,701,999	0	C
4		2	University of Colorado Boulder	Hellems Arts and Sciences Building Renovation and Mary Rippon Outdoor Theatre Renovation	10,868,038	16,302,057	10,867,541	16,301,312	C
5	27	3	Community College of Denver	Boulder Creek Building Remodel and Addition	21,080,134	1,857,988	0	0	C
6	26	4	Trinidad State Junior College	Freudenthal Library Renovation	1,165,125	0	0	0	C
7	8		Human Services	Upgrade Campus Utility Infrastructure, CMHI at Fort Logan (Capital Renewal)	19,114,483	0	11,410,960	0	C
8	21		Human Services	Suicide Risk Mitigation Continuation	5,123,993	0	0	0	C
9	9		Human Services	Office of Behavioral Health Transitional Housing	2,341,663	0	0	0	N
10	18		Corrections	Kitchen Renovation, Sterling Correctional Facility (Capital Renewal)	2,800,000	0	42,546,904	0	
11	3		Corrections	Utility Water Lines Replacement, Arkansas Valley Correctional Facility (Capital Renewal)	9,539,209	0	0	0	
12	20		Education	Colorado State Board of Education Board Room Renovation	1,774,654	0	0	0	N
13		5	Northeastern Junior College	Applied Technology Campus Expansion and Remodel	11,500,000	1,075,000	3,650,000	500,000	N
14	14	5	Fort Lewis College	Berndt Hall 300s (Capital Renewal)	4,200,399	221,074	0	0	N
15	16	5	Lamar Community College	Bowman Building Renovation (Capital Renewal)	3,944,152	0	5,850,030	0	
16		5	Colorado Mesa University	Robinson Theater Replacement	39,454,194	4,432,562	0	0	N
17		5	Colorado State University	Clark Building Renovation and Addition	38,927,539	30,000,000	37,480,741	25,000,000	
18			Human Services	Kitchen Improvements, Colorado Mental Health Institute at Pueblo	20,450,520	0	0	0	N
19	17		Human Services	Upgrade Campus Utility Infrastructure, CMHI at Pueblo (Capital Renewal)	10,682,004	0	31,649,491	0	
20	11		Agriculture	Roof, HVAC, and Windows Replacement, Palace of Agriculture	5,278,877	0	0	0	N
21		12	Pueblo Community College	Dental Hygiene Growth/Expansion	6,300,000	0	0	0	
22		26	Metropolitan State University of Denver	Health Institute	10,000,000	0	77,237,945	9,800,925	
23	12		Corrections	Water Tank Repair and Replacement, East Canon City Prison Complex (Capital Renewal)	5,349,710	0	0	0	
24	7	13	University of Northern Colorado	Gray Hall Mechanical Systems Improvements (Capital Renewal)	4,540,656	46,000	0	0	
25		16	Auraria Higher Education Center	Critical Campus-Wide Building Envelope and Energy Code Deficiencies (Capital Renewal)	22,147,382	0	0	0	N
26	15	14	Western Colorado University	Hurst Hall Lab Renovation (Capital Renewal)	3,831,677	163,815	0	0	N
27		17	Pikes Peak Community College	FREE Complex	33,395,759	2,923,718	0	0	
28		21	Adams State University	Central Technology Building Addition and Renovation	7,633,103	77,102	0	0	
29		24	Colorado School of Mines	Arthur Lakes Library Renovation	12,000,152	3,000,000	0	0	
30		10	University of Colorado Denver	CU Denver Building Infrastructure Replacement and Renovation	25,883,686	9,094,268	0	0	
31	24		Agriculture	Insectary Greenhouse Expansion, Repair, and Replacement	625,629	0	0	0	N
32			Transportation	Automated Weather Observing Stations	450,000	300,000	0	0	N
33	23		Human Services	DYS Transitional Housing	997,879	0	0	0	N
34			History Colorado	Grant-Humphreys Mansion Exterior Renovation (Capital Renewal)	4,043,639	0	0	0	
35	10		Personnel and Administration	Controlled Maintenance Level 3	26,327,421	0	0	0	R
Subtotal, Projects Recommended for State Funding					\$509,402,414	\$71,646,914	\$328,110,176	\$62,901,788	
Projects Recommended For Cash Funding by CDC									
			Human Services	Depreciation Fund Capital Improvements	0	1,037,372	0	0	R
			History Colorado	Georgetown Loop Preservation Projects	0	385,000	0	0	N
			Parks and Wildlife	Infrastructure and Real Property Maintenance	0	46,502,450	0	0	R
			Parks and Wildlife	Property Acquisition and Improvements	0	11,000,000	0	0	R
			Fort Lewis College	Health Sciences Center	0	2,952,432	0	0	C
Total, Projects Recommended for Cash Funding					\$0	\$61,877,254	\$0	\$0	

Capital Development Committee FY 2022-23 Prioritized Funding Recommendation for February 10, 2022

CDC Rank	OSPB Rank	CCHE Rank	Department	Name	CCF	CF	Outyear CCF	Outyear CF	New, Recurring, or Continuation
Projects Not Recommended For Funding by CDC									
36	4		Corrections	Sanitary Sewer Line Replacement, Buena Vista Correctional Facility (Capital Renewal)	2,324,904	0	0	0	
37	13		Corrections	ADA Improvements, Fremont Correctional Facility (Capital Renewal)	6,055,136	0	0	0	N
38	5		Corrections	Critical Living Unit Shower Drain Replacement, AVCF (Capital Renewal)	12,402,937	0	0	0	
39			Human Services	Grand Mesa and Platte Valley Separation of Use	2,812,095	0	34,121,566	0	N
40			Human Services	DYS Career Technical Education	11,319,279	0	25,335,359	0	N
41	22		Human Services	Visitation Centers at Three DYS Campuses	3,239,873	0	0	0	N
42	19	20	Western Colorado University	Leslie J. Savage Library (Capital Renewal)	2,940,516	125,715	0	0	N
43		25	Pueblo Community College	Medical Technology Renovation	600,000	0	0	0	
44			Human Services	Mental Health Institutes, Facility Modernization	28,545,182	0	882,738,878	0	
45			Human Services	Gilliam Youth Services Center Replacement and DYS Training Center	4,827,171	0	54,673,491	0	N
46	25	23	Adams State University	Facility Services Center Replacement	18,758,534	189,480	0	0	
47			Corrections	Electronic Security System Replacement, Colorado State Penitentiary (Capital Renewal)	4,696,314	0	0	0	
48			Corrections	Electronic Security System Replacement, AVCF (Capital Renewal)	3,520,144	0	0	0	
49		34	Colorado Community College System	North Quad Remodel	1,998,685	0	0	0	
50		18	Colorado State University	Anatomy/Zoology Revitalization (Capital Renewal)	18,200,336	0	12,381,896	6,263,831	
51		18	Colorado Mesa University	Maverick Center Renovation and Expansion	38,026,716	4,272,189	0	0	N
52		28	Colorado State University	ARDEC Infrastructure Improvements	11,907,013	0	6,431,078	3,756,000	
53			Corrections	Support Building Roof Replacement, Denver Women's Correctional Facility (Capital Renewal)	2,225,500	0	0	0	
54			Corrections	Electrical Distribution Infrastructure Replacement, ECCPC (Capital Renewal)	14,764,340	0	0	0	
55		11	University of Colorado Boulder	Guggenheim Geography Building Renovation	12,077,829	18,116,744	0	0	
56		31	Colorado Mesa University	Student Parking Garage	22,842,301	2,566,265	0	0	
57		21	University of Colorado Colorado Springs	Engineering Building Renovation	15,687,153	0	22,548,807	0	
58		32	Colorado Mesa University	Electrical and Computer Engineering Building	21,029,766	2,362,633	0	0	
59		27	University of Colorado Boulder	Macky Auditorium Renovation	8,349,469	12,524,204	12,308,592	18,462,889	N
60		33	Colorado Mesa University	Energy Independence at CMU	6,785,071	762,283	0	0	
61		30	University of Colorado Denver	CU Denver Engineering Building	14,643,751	5,145,102	46,964,795	14,157,982	
62		15	Metropolitan State University of Denver	Classroom 2 Career Hub	15,215,574	1,709,425	0	0	N
Subtotal, Projects Not Recommended for Funding					\$305,795,589	\$47,774,040	\$1,097,504,462	\$42,640,702	
Grand Total					\$815,198,003	\$181,298,208	\$1,425,614,638	\$105,542,490	

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
N/A 2020-020	CCF	\$17,496,791
Colorado State University		
<i>National Western Center Lease Payments</i>		
The project makes an annual lease payment for the COPs issued to finance the construction of buildings on the National Western Center campus and affiliated buildings on the main Colorado State University campus. This request makes the annual lease payment for FY 2022-23. COP payments for the project will continue through June 2039.		
N/A 2023-039	CCF	\$4,746,375
Higher Education		
<i>S.B. 20-219 COP Payment</i>		
The project makes an annual lease payment for the COPs issued to finance the construction of buildings at Colorado State University, the University of Colorado, and Fort Lewis College, pursuant to Senate Bill 20-219. This request makes the annual lease payment for FY 2022-23. COP payments for the project will continue through 2041.		
1 1995-099	CCF CF	\$44,105,652 \$504,537
Controlled Maintenance		
<i>Controlled Maintenance Projects — Level 1</i>		
Level 1 controlled maintenance projects make the most critical repairs to state facilities and address concerns such as life safety and loss of use. This year's list includes funding for 39 projects.		
2 2002-170	CCF CF	\$53,722,139 \$1,648,793
Controlled Maintenance		
<i>Controlled Maintenance Projects — Level 2</i>		
Level 2 controlled maintenance projects make repairs to state facilities and address potential program disruption. This year's list includes funding for 46 projects.		
3 2021-003	CCF	\$17,559,780
Human Services		
<i>HVAC Replacement, Four Buildings, CMHI at Pueblo (Capital Renewal)</i>		
The project replaces the HVAC systems in four buildings at the Colorado Mental Health Institute (CMHI) at Pueblo. The project will benefit patients of the facility, who are impacted by major temperature changes, and many of whom are on psychotropic medications. This year's request for Phase II performs construction and abatement on two buildings, and Phase III will perform construction and abatement on two additional buildings. Phase I funded design work and initiated construction.		
4 2004-120	CCF CF	\$10,868,038 \$16,302,057
University of Colorado at Boulder		
<i>Hellems Arts and Sciences Building Renovation and Mary Rippon Outdoor Theatre Renovation</i>		
The three-phase project addresses concerns with various electrical and mechanical systems within the 95,065-GSF Hellems Arts and Sciences Building, renovates the building's interior to address programming needs, and updates the adjacent Mary Rippon Outdoor Theatre. The university says the project upgrades a facility that is structurally sound in order to address repairs and renovations necessary for code and ADA compliance, energy efficiency, occupant safety, and program functionality.		

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
5 2018-028 Community College of Denver <i>Boulder Creek Building Remodel and Addition</i> The three-phase project remodels the 63,700-GSF Boulder Creek Building and constructs an 18,405-GSF addition to the building to consolidate its healthcare programming in one location. Each phase remodels a portion of the building, and the building's addition along Colfax Avenue will be constructed in Phase III.	CCF CF	\$21,080,134 \$1,857,988
6 2017-057 Trinidad State Junior College <i>Freudenthal Library Renovation</i> The two-phase project renovates the Freudenthal Library. This building houses the campus library, student services, classroom space, faculty offices, and the Loudon-Henritze Archaeology Museum. The project creates new student study spaces and reorganizes student support offices.	CCF	\$1,165,125
7 2002-108 Human Services <i>Upgrade Campus Utility Infrastructure, CMHI at Fort Logan (Capital Renewal)</i> The three-phase capital renewal project repairs or replaces underground campus infrastructure on the Colorado Mental Health Institute at Fort Logan campus, such as domestic water mains, sewer mains, storm water drainage, irrigation lines, and fire lines. The project also replaces roads, parking lots, and sidewalks and adds underground conduit for future communication cabling. This year's request for Phase II continues these improvements.	CCF	\$19,114,483
8 2020-039 Human Services <i>Suicide Risk Mitigation Continuation</i> The project mitigates suicide risk at the Colorado Mental Health Institute at Pueblo in order to maintain good standing with accrediting bodies. The proposed improvements were largely identified through a survey by the Joint Commission, the body that accredits the state's mental health institutes. Additional improvements were identified by department staff. Improvements include installation of ligature-resistant plumbing fixtures, door alarms to mitigate pinch points, continuous hinges in place of three-point hinges, shorter cords to wall-mounted phones, hard ceilings in place of a drop-in ceiling grid, and wall-mounted bottle-filling sinks.	CCF	\$5,123,993
9 2023-007 Human Services <i>Office of Behavioral Health Transitional Housing</i> The project renovates five vacant buildings to expand transitional-care treatment capacity by 48 beds. Two of the buildings are 12- to 16-bed facilities located at the Colorado Mental Health Institute at Fort Logan, two are eight-bed residential homes located in Pueblo, and one is an eight-bed residential home located in Broomfield. The department says the increased capacity will help it comply with a U.S. Supreme Court ruling concerning segregation of persons with disabilities.	CCF	\$2,341,663
10 2017-067 Corrections <i>Kitchen Renovation, Sterling Correctional Facility (Capital Renewal)</i> The two-phase capital renewal project renovates the 31,440-GSF kitchen at the Sterling Correctional Facility to address hazards due to slips and falls, unsanitary conditions, and assaults facilitated by the kitchen's layout. The project replaces the roof, security systems, plumbing systems, flooring, walls, doors and frames, the ceiling, mechanical systems, climate-control systems, and all electrical systems. This year's request for Phase I initiates project design, while Phase II will complete design and perform the renovations.	CCF	\$2,800,000

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
11 2017-068	CCF	\$9,539,209
Corrections		
<i>Utility Water Lines Replacement, Arkansas Valley Correctional Facility (Capital Renewal)</i>		
The capital-renewal project replaces the lines that provide hot and cold water to the Arkansas Valley Correctional Facility. The department explains that frequent leaks require it to shut down the hot water system for repairs, which interrupts the supply of heating and hot water to the facility. The leaks also require repairs to surfaces and equipment, such as fire alarm and security door control panels.		
12 2023-028	CCF	\$1,774,654
Education		
<i>State Board Room Renovation</i>		
The project remodels, expands, and modernizes the board room in the State Office Building at 201 East Colfax Avenue in Denver. The board room hosts State Board of Education meetings, and the project is driven by increased space needs due to an expansion of the board by two members. The project upgrades infrastructure in the room and improves remote participation and live-streaming capabilities.		
13 2023-024	CCF CF	\$11,500,000 \$1,075,000
Northeastern Junior College		
<i>Applied Technology Campus Expansion and Remodel</i>		
The project expands and renovates the existing buildings on the Applied Technology Campus to allow for the expansion of the Automotive Technology, Diesel Technology, and Wind Technology programs; move the Precision Agriculture and Welding Technology programs; and allow for the addition of new programs such as Skilled Trades and Solar Technology. The project connects a new 37,500 GSF pre-engineered metal building to the existing Lebsach-Schmidt Building. The project will also renovate 45,470 GSF of existing building space and make improvements to the plumbing, HVAC, electrical, and fire protection systems.		
14 2023-021	CCF CF	\$4,200,399 \$221,074
Fort Lewis College		
<i>Berndt Hall 300s (Capital Renewal)</i>		
The capital renewal project renovates approximately 12,573 GSF in the Berndt Hall Building to bring it up to current codes and standards and to better serve user needs. The area to be renovated is underused and has multiple code deficiencies.		
15 2022-010	CCF	\$3,944,152
Lamar Community College		
<i>Bowman Building Renovation (Capital Renewal)</i>		
The two-phase, capital renewal project addresses major health, life safety, and code issues in the Bowman Building. This year's request for Phase I performs design, contractor engagement, code review, and asbestos mitigation, and installs a fire sprinkler system. It also completes part of the plumbing, HVAC, and electrical system repairs, and performs demolition and infrastructure work in preparation for Phase II reconstruction.		
16 2016-044	CCF CF	\$39,454,194 \$4,432,562
Colorado Mesa University		
<i>Replace Robinson Theater</i>		
The project reconstructs the 600-seat Robinson Theater within the Moss Performing Arts Center, and improves several auxiliary spaces within the center. The university says the project will address numerous life-safety, code, functional, and operating issues in a facility that serves as the performing arts epicenter for western Colorado. The university further explains that Robinson Theater's shortcomings cannot be addressed by a renovation, largely due to the grade of the seating, and thus must be completely demolished and rebuilt.		

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
17 2020-019 Colorado State University <i>Clark Building Revitalization (Capital Renewal)</i> The two-phase project renovates 222,000 GSF in and adds 100,000 GSF to the A and C wings, and demolishes the B wing of the Clark Building on the Fort Collins campus. This year's request for Phase I includes the entire design and utility work for the project as well as construction of a new addition to and renovation of A wing. Phase II includes the deconstruction of B wing and construction of a new addition to and renovation of C wing.	CCF CF	\$38,927,539 \$30,000,000
18 2023-023 Human Services <i>Kitchen Improvements, CMHI at Pueblo</i> The project relocates the kitchen operations at the Colorado Mental Health Institute at Pueblo to a new, 34,085 GSF, stand-alone commissary kitchen. The project includes replacement and enhancement of equipment, new food production technologies, and additional office and storage space. The department says it will make kitchen operations more efficient and will help reduce labor costs, reduce food waste, and implement a just-in-time food delivery system.	CCF	\$20,450,520
19 2015-049 Human Services <i>Upgrade Campus Utility Infrastructure, CMHI at Pueblo (Capital Renewal)</i> The three-phase capital renewal project completes a number of critical controlled maintenance projects on the Colorado Mental Health Institute at Pueblo campus. The project installs new water and sewer systems, reinforces the campus tunnel infrastructure, replaces hydrants, and installs new roadways, parking lots, and sidewalks.	CCF	\$10,682,004
20 2023-010 Agriculture <i>Palace of Agriculture: Roof, HVAC, and Windows Replacement</i> The replaces the entire roof system on the Palace of Agriculture, part of the Colorado State Fairgrounds in Pueblo, and install an updated HVAC system. The project will also include replacing the current windows with energy-efficient windows throughout the building.	CCF	\$5,278,877
21 2021-007 Pueblo Community College <i>Health Science Consolidation</i> The project renovates the Health Sciences Building. It consolidates the dental hygiene program into one building and addresses deferred maintenance issues. The project updates educational and clinical technologies, increasing the capacity of clinic space, updating computerized office management systems, increasing storage, and creating a consultation area for patient and student privacy. The 23,060-GSF Health Sciences Building was constructed in 1955; the project renovates 15,393 GSF to make room for hygiene dental stations, X-ray booths, and labs.	CCF	\$6,300,000
22 2020-012 Metropolitan State University of Denver <i>Health Institute</i> The four-phase project constructs a 144,219-GSF (93,720-ASF) Health Institute on the Auraria Higher Education Center campus to house health-related programs, and renovates 32,937 ASF in other buildings for program back-fill. This year's request for Phase I will design the project; Phase II will construct and shell the building; Phase III will finish office space for faculty, staff, and administrators; and Phase IV will renovate vacated spaces.	CCF	\$10,000,000

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
23 2022-005	CCF	\$5,349,710
Corrections		
<i>Water Tank Repair and Replacement, East Canon City Prison Complex (Capital Renewal)</i>		
The capital renewal project increases potable water storage capacity at the East Canon City Prison Complex. The project will bring total water storage capacity to fire code while maintaining adequate supply to meet average daily demand by adding a 1.63 million gallon water tank and refurbishing an existing 1.60 million gallon tank.		
24 2017-049	CCF CF	\$4,540,656 \$46,000
University of Northern Colorado		
<i>Gray Hall Mechanical Systems Improvements (Capital Renewal)</i>		
The capital renewal project upgrades various mechanical systems in the 27,531-GSF Gray Hall. Specifically, the project upgrades the HVAC system and associated infrastructure, installs a sprinkler system, and installs air conditioning in certain areas of the building.		
25 2023-002	CCF	\$22,147,382
Auraria Higher Education Center		
<i>Critical Campus-Wide Building Envelope and Energy Code Deficiencies (Capital Renewal)</i>		
The capital renewal project addresses a variety of building envelope and energy efficiency needs, including replacing roofs on seven buildings, repairing exterior walls on three buildings, replacing single-pane windows in eight buildings, and updating lighting across campus.		
26 2023-020	CCF CF	\$3,831,677 \$163,815
Western Colorado University		
<i>Hurst Hall Lab Renovation (Capital Renewal)</i>		
The capital renewal project renovates 13,434 ASF in the 54,478-ASF Hurst Hall to provide additional teaching and laboratory space for the Natural and Environmental Sciences Department, and specifically the Physics, Chemistry, and Life Sciences programs. The project addresses deferred maintenance and a shortage of laboratory space.		
27 2021-022	CCF CF	\$33,395,759 \$2,923,718
Pikes Peak Community College		
<i>First Responders Emergency Education (FREE) Complex</i>		
The project constructs a complex for training first responders, including firefighters, police officers, and emergency managers. The project will address first responder workforce needs in southern Colorado in an interdisciplinary manner. The project constructs two new buildings, installs three prefabricated buildings, creates a seven-acre driving course, and renovates existing space.		
28 2017-051	CCF CF	\$7,633,103 \$77,102
Adams State University		
<i>Central Technology Building Renovation and Addition</i>		
The project renovates the Central Technology Building, which houses information technology staff, offices, and infrastructure (e.g., servers) for the campus. The project also constructs a 5,742-GSF addition to the building. The project renovates working spaces, addresses fire code and accessibility standard deficiencies, and expands the building to accommodate its workforce, which has grown since the building was renovated for its current function in 1999. The project also upgrades the building's roofing, mechanical, electrical, and plumbing systems.		

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
29 2011-007 Colorado School of Mines <i>Arthur Lakes Library Renovation</i> The project updates and modernizes the 76,719-GSF library and increases student study and resource spaces. It also builds a new accessible entry and creates a grand staircase connecting the levels of the library. According to the university, the existing building does not meet the needs of the campus due to a shortage of space, inadequate ADA accessibility, and inadequate wayfinding.	CCF CF	\$12,000,152 \$3,000,000
30 2022-009 University of Colorado Denver <i>CU Denver Building Infrastructure Renewal (Capital Renewal)</i> The project replaces and upgrades mechanical and electrical infrastructure that has exceeded its useful life in the CU Denver Building. The project also renovates 30,605 GSF of existing space.	CCF CF	\$25,883,686 \$9,094,268
31 2023-011 Agriculture <i>Insectary Greenhouse Expansion, Repair, and Replacement</i> The project expands, repairs, and replaces the greenhouses at the Colorado State Insectary. The project will involve replacing the west greenhouse with a new 1,320 GSF greenhouse, updating the east greenhouse with new benches and a new drip system, and building a new 1,320 GSF greenhouse on the east side of the current greenhouses.	CCF	\$625,629
32 2023-001 Transportation <i>Automated Weather Observing Stations</i> The project installs three new automated weather observing stations: one at the Creede/Mineral County Airport, and two at off-airport locations along the I-70 and I-76 corridors. The project will close coverage gaps in southwest Colorado and between airports on the eastern plains to improve safety and accessibility for the aviation industry.	CCF CF	\$450,000 \$300,000
33 2023-005 Human Services <i>DYS Transitional Housing</i> The project conducts a study to identify the need and capacity for transitional housing within the Division of Youth Services (DYS) and renovates a DHS-owned facility to operate a pilot program for transitional housing. The study will identify service gaps and explore options to fill the gaps. The results of the study will inform the creation of the pilot program, as well as potential future requests for additional transitional housing. The project will lay the groundwork for improved continuum of care of youth served by DHS.	CCF	\$997,879
34 2020-031 Colorado Historical Society (History Colorado) <i>Grant-Humphreys Mansion Exterior Renovation (Capital Renewal)</i> The project rehabilitates the exterior of the mansion, including its terra cotta features, walkways, doors, windows, and gutters. Over the past year, pieces of the terra cotta decoration have fallen off of the mansion, creating a life, health, and safety issue when the property is used for special events.	CCF	\$4,043,639

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
35 2002-171	CCF	\$26,327,421

Controlled Maintenance

Controlled Maintenance Projects — Level 3

Level 3 controlled maintenance projects address varying degrees of damage and deterioration. This year's list includes funding for 23 projects.

<i>Total Request Amount \$581,049,328</i>

FY 2022-23 Capital Construction Funding Recommendation

Project Title	Fund Source	Amount
NP 2023-029	CF	\$385,000
Colorado Historical Society (History Colorado)		
<i>Georgetown Loop Preservation Projects</i>		
History Colorado is requesting cash funds spending authority to address maintenance and infrastructure needs at the Georgetown Loop railroad facility. History Colorado says that it has statutory responsibility to reconstruct, restore, repair, install, and furnish state monuments to the extent funds are available. The repairs will include improvements to locomotives, passenger cars, kitchen cars, and work cars.		
NP 2020-040	CF HUTF	\$46,202,450 \$300,000
Natural Resources — Parks and Wildlife		
<i>Infrastructure and Real Property Maintenance</i>		
The ongoing project rehabilitates and improves infrastructure and facilities at state parks, state wildlife areas, state fishing units, and state administrative areas. This project includes maintenance, enhancement, or replacement of a variety of existing physical assets.		
NP 2020-041	CF	\$11,000,000
Natural Resources — Parks and Wildlife		
<i>Property Acquisition and Improvements</i>		
The ongoing project allows Colorado Parks and Wildlife (CPW) to acquire interests in real property through a competitive bidding process. In addition to protecting critical wildlife habitat for game species, CPW's efforts also include protecting the habitat of species of concern, preserving wildlife diversity, and acquiring public access for wildlife-related recreation.		
NP 2023-009	CF	\$1,037,372
Human Services		
<i>Depreciation Fund Capital Improvements</i>		
The project makes improvements to group homes at two of its three regional centers. The homes provide residential care for adults with severe intellectual and developmental disabilities. The improvements will be made to the Grand Junction and Wheat Ridge Regional Centers. The source of cash funds for the project is the Regional Center Depreciation Account within the Capital Construction Fund. This special subaccount consists of all moneys received by the Department of Health Care Policy and Financing for the annual calculated depreciation of the state's regional centers.		
NP 2007-130	CF	\$2,952,432
Fort Lewis College		
<i>Health Sciences Center</i>		
The two-phase project renovates 6,800 GSF within Whalen Gymnasium and constructs a 45,043-GSF expansion to the south and east of the building for use by the Exercise Science Program. Coupled with a companion project to renovate and expand other portions of the gymnasium, the college says the project will create a single facility to serve as home for two departments that share an emphasis on organized physical activity as a basis for study, competition, research, and exploration. This year's request for Phase II constructs and equips the Exercise Science space.		

<u>Total Request Amount</u>	<u>\$61,877,254</u>
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FY 2022-23 Level 1 Controlled Maintenance Request

Project Title	Fund Source	Amount
1 1995-048	CCF	\$2,000,000
Personnel and Administration		
<i>Controlled Maintenance Emergency Account</i>		
The project funds the Controlled Maintenance Emergency Account, which is administered by the Office of the State Architect for emergency projects on an as-needed basis throughout the fiscal year. Criteria for requests for emergency funding are: (1) a need that is immediate in nature; and (2) a problem that directly affects the health, safety, and welfare of the public and day-to-day operations of the agencies. Requests may involve systems and fixed equipment critical to the functionality of a facility.		
2 2023-040	CCF	\$851,015
University of Colorado at Boulder		
<i>Upgrade Elevators, Ramaley and SLHS Buildings</i>		
The project upgrades the elevators and associated equipment rooms in the Ramaley and Speech, Language, and Hearing Sciences Buildings to bring them into compliance with current elevator, life-safety, and electrical codes and standards. The university says these elevators are required for accessibility and have been experiencing excessive service calls since 2018.		
3 2022-035	CCF	\$618,036
Colorado School of Mines		
<i>Repair Elevators, Five Buildings</i>		
The two-phase project replaces elevator controls in five buildings and refurbishes or replaces associated major components, including power units, controllers, cables, door operators, and fire alarm interfaces. In the past year, the school has experienced 73 elevator outages and five elevator entrapments in academic buildings. Phase I will address the elevators in Coolbaugh and Berthoud Halls. This year's request for Phase II will address the elevators in Alderson, the Green Center, and Engineering Hall.		
4 2022-022	CCF	\$1,988,134
Education		
<i>Install Fire Sprinklers and Update HVAC and ADA, Hubert Work Gymnasium, Colorado School for the Deaf and the Blind</i>		
The three-phase project installs a fire sprinkler system, performs asbestos abatement, makes security improvements, improves indoor air quality, and brings facilities into compliance with the federal ADA. This year's request for Phase II will abate asbestos and replace existing flooring. Phase III will bring ADA compliance to bleachers, drinking fountains, and doors, and will install an elevator. Phase I installed the fire sprinkler system, initiated asbestos abatement, and removed the drop ceiling and pipe insulation.		
5 2022-020	CCF	\$1,363,493
University of Colorado at Boulder		
<i>Repair Exterior Structure, Macky Auditorium</i>		
The three-phase project addresses significant water damage to emergency exit bridges, area wells, and perimeter parapets at Macky Auditorium, which the university says presents life-safety issues. The project also improves drainage and accessibility. This year's request for Phase II makes exit bridge, accessibility, and well improvements on the east side of the building, while Phase III will address these issues on the west side. Phase I included project design, parapet walls restoration, and waterproofing.		
6 2023-041	CCF	\$1,432,425
Agriculture		
<i>Install Fire Sprinklers and Upgrade for Code, 4-H Complex</i>		
The project installs fire suppression in the boys and girls dormitories, auditorium, dining hall, and Exposition Building in the 4-H Complex at the Colorado State Fairgrounds. The project also abates asbestos and lead and makes roof, ceiling, and wall repairs to accommodate the fire suppression. Additionally, the project updates egress doors and signage where necessary.		

FY 2022-23 Level 1 Controlled Maintenance Request

Project Title	Fund Source	Amount
<p>7 2019-095</p> <p>Auraria Higher Education Center <i>Replace Transformers, North Chiller Plant and PE Events Center</i></p> <p>The two-phase project replaces electrical transformers in two buildings, which the campus says are beyond their useful life expectancy and present environmental contamination issues due to rusting and leaking. The campus further says that a transformer failure would result in facility shutdown, and the potential for failure continues to increase. This year's request for Phase II replaces the transformer in the PE Events Center. Phase I replaced the transformer in the North Chiller Plant, which provides cooling to the Library, Science, and Arts Buildings.</p>	<p>CCF</p>	<p>\$518,943</p>
<p>8 2023-042</p> <p>University of Colorado Denver <i>Repair Cagewash Exhaust System, R1 North</i></p> <p>The project installs new exhaust and filtration equipment in the Research 1 North Building on the Anschutz Medical Campus to serve the laboratory animal research facilities. The university says the improvements are required to comply with federal grant and accreditation requirements associated with vivarium operations.</p>	<p>CCF</p>	<p>\$1,280,513</p>
<p>9 2023-043</p> <p>University of Colorado at Boulder <i>Replace Heat Exchangers, Fiske, Porter, DLC, Regent, and Theater Buildings</i></p> <p>The project replaces the exchangers that convert steam to domestic hot water in multiple campus buildings, along with associated valves, controls, and piping. The university says the current equipment cannot be maintained and replacement parts are no longer available.</p>	<p>CCF</p>	<p>\$690,005</p>
<p>10 2023-044</p> <p>University of Colorado at Colorado Springs <i>Install Fire Suppression, Cragmor Hall</i></p> <p>The project installs a complete fire-suppression system in Cragmore Hall, which does not currently have such a system. The building was constructed in 1984 and hosts several student services-related functions.</p>	<p>CCF</p>	<p>\$1,058,476</p>
<p>11 2023-045</p> <p>Auraria Higher Education Center <i>Install Fire Sprinkler System, St Cajetan's and PE Gymnasium</i></p> <p>The project installs complete fire suppression systems in the St. Cajetan's Building and the PE Gymnasium, both of which lack such systems. Both buildings host large gatherings.</p>	<p>CCF</p>	<p>\$637,050</p>
<p>12 2023-046</p> <p>University of Northern Colorado <i>Install Fire Sprinklers, Arts Annex Addition</i></p> <p>The project installs a fire suppression system in the Arts Annex, which does not have such a system. The university says its insurance provider has requested the system's installation to complete fire suppression throughout the entire building.</p>	<p>CCF</p>	<p>\$242,722</p>

FY 2022-23 Level 1 Controlled Maintenance Request

Project Title	Fund Source	Amount
13 2023-047	CCF	\$1,464,774
Colorado State University		
<i>Upgrade Fire Lane and ADA Accessibility, MRB to Chemistry</i>		
<p>The project improves the bike/pedestrian and emergency route between the Chemistry Building and the Molecular & Radial Biosciences Building to address emergency access and ADA issues. The project will separate the various uses along the route while bringing it up to ADA, lighting, and stormwater management standards. The project also removes parking, trash pickup, and delivery functions from the route to reduce accident potential. The university says the route is affected by deteriorated pavement, insufficient storm drainage, insufficient room for the populations using it, obstacles to mobility-challenged individuals, and poor lighting.</p>		
14 2021-048	CCF	\$1,795,309
Adams State University		
<i>Repair Electrical Distribution, Campuswide</i>		
<p>The three-phase project replaces the switchgear, transformers, and distribution system for most of the campus. The medium-voltage electrical distribution for 75 percent of the campus is about 30 years old and beyond its estimated useful life of 20 years. This year's request for Phase II replaces one switchgear unit, eight transformers, and associated distribution. Phase I replaced 11 transformers, 3 switchgear units, and distribution associated with these replacements. Phases III will replace an additional two switchgear units and seven transformers.</p>		
15 2023-048	CCF	\$779,350
Otero Junior College		
<i>Improve Campus Storm Water Flood Control</i>		
<p>The project creates a comprehensive drainage plan and connects stormwater flow to a campus collection point, and may allow Otero to use the captured water for landscaping. The college explains that the campus has both a high groundwater table and runoff from adjoining neighborhoods, resulting in flooding during even small storm events. The flooding causes damage to buildings, washouts, and erosion. The high water table results in sump pumps in some campus buildings to run continuously year round.</p>		
16 2021-065	CCF	\$1,768,537
Corrections		
<i>Improve Door Security, Lower North, Buena Vista Correctional Facility</i>		
<p>The four-phase project replaces 72 open-grille cell doors in the Close Custody Housing Unit. The open grilles allow offenders to throw items at staff, yell and talk to one another, and create conditions counter to the intended restrictive conditions. Physical assaults on staff have been documented. Each request will replace one tier of one day hall, or 18 cells.</p>		
17 2020-075	CCF	\$411,851
Colorado Historical Society (History Colorado)		
<i>Fire Mitigation, Georgetown Railway Loop Area C</i>		
<p>The three-phase project addresses fire risk on 351 acres by removing, de-limbing, or chipping forest fuel. The dead and overgrown live trees, if ignited, pose a threat to property and personnel at the railroad. Each phase will address about 117 acres. Previous efforts have mitigated 292 acres, including through an earlier controlled maintenance project funded in FY 2015-16 and FY 2016-17.</p>		
18 2018-061	CCF	\$1,480,224
Colorado State University — Pueblo		
<i>Replace/Upgrade Building Fire Alarm Equipment, Campuswide</i>		
<p>The three-phase project replaces all fire alarm wires, components, and devices in all of the general-funded buildings to complete a fire system upgrade on campus. Random false alarms are increasing on campus due to aging systems, disrupting programming. Phase I determined the most critical buildings and upgraded the most critical components. This year's request for Phase II will address the next set of buildings in order of criticality, and Phase III will complete work in the general-funded buildings.</p>		

FY 2022-23 Level 1 Controlled Maintenance Request

Project Title	Fund Source	Amount
19 2023-049 Military and Veterans Affairs <i>Replace Fire Alarm, Buckley Air Force Base Aviation Readiness Center Building 1000</i> The project installs a new fire alarm system in Building 1000 that meets applicable codes and standards and communicates with the Buckley Space Force Garrison Fire Department. The current system is original to when the building was constructed in 1989, does not meet code, and does not communicate with the fire department. A fire at the facility would not be noticed until visibly detected by base personnel.	CCF FF	\$168,179 \$504,537
20 2023-050 Trinidad State Junior College <i>Install Card Access and Update Door Hardware</i> The project update's the college's building access system to use access cards, allowing the college to keep one entry point unlocked for public access and all other entry points accessible only by students and staff. All doors in the classroom buildings are currently unlocked during business hours. Proximity to Interstate 25 and related factors have resulted in numerous unwanted people in the buildings. The college does not have a campus resource officer during nights and weekends to ensure the buildings are locked when not in use.	CCF	\$615,039
21 2023-051 Community College of Aurora <i>Upgrade Campus Access and Accessibility</i> The project addresses a number of accessibility issues to comply with ADA requirements. Upgrades include installing signage, correcting routes both inside and out for accessibility, installing ramps, repairing concrete to address trip hazards, and renovating restroom features such as door openers, sinks, toilet stalls, and urinals. The college received a letter from the Colorado Community College System noting deficiencies.	CCF	\$1,710,415
22 2023-052 Colorado Northwestern Community College <i>Upgrade Electrical Service and Install Backup Generator, Johnson Building, Rangely Campus</i> The project updates and repairs the electrical system and installs a backup generator for the Johnson Building, which serves 100 percent of the student body through services such as financial aid, campus life, campus security, registration, dining, and the health care clinic. The current electrical infrastructure is mostly original to the 1960s, and acquiring replacement parts has been a challenge. The building does not have a backup generator, and these circumstances could result in a prolonged power outage. The degraded electrical system also lowers protections for personnel and equipment.	CCF	\$1,554,542
23 2019-085 Human Services <i>Replace HVAC Systems, Two Youth Services Sites</i> The two-phase project replaces HVAC equipment at the Platte Valley and Marvin W. Foote Youth Services Centers. The existing equipment is over 20 years old and intermittent failures have caused program disruptions in recent years. Phase I installed a new chiller, piping, pumps, and pipe insulation at Platte Valley. This year's request for Phase II will install similar equipment at Marvin Foote.	CCF	\$682,682
24 2022-048 Office of Information Technology <i>Replace Microwave Towers, Group F</i> The project replaces the next group of microwave towers forming a critical link for communications equipment that supports public safety and other programs. The project is part of an ongoing program initiated by a 2008 analysis of the towers, a high percentage of which are 45 years old and showing severe metal fatigue. This year's request replaces two towers on Monarch and Kenosha Passes. The scope of the project includes replacing the associated equipment shelters and removing the existing towers.	CCF	\$1,315,802

FY 2022-23 Level 1 Controlled Maintenance Request

Project Title	Fund Source	Amount
25 2020-109	CCF	\$1,228,584
Human Services		
<i>Upgrade Interiors Group Home, Pueblo Regional Center</i>		
<p>The three-phase project makes improvements to group homes, which are designed as residential units to house patients in a home-like setting. Increased use has increased costs for maintenance and repair, and many interior components are original and nearing the end of their useful lives. Increased patient acuity has also impacted the original design of the homes. Phase I updated three group homes. This year's request for Phase II updates three group homes, and Phase III will update two group homes.</p>		
26 2023-053	CCF	\$1,418,851
Colorado State University		
<i>Replace Roofs, A, D, and E Wings, Engineering Building</i>		
<p>The project completes roof replacement on the Engineering Building. The aging roof has repeatedly failed, and the leaks have damaged laboratory equipment. Low areas in the roof have also created drainage problems and resulted in damaged insulation. The new roof will also address building code issues. Previous controlled maintenance projects have replaced roofing over other building wings.</p>		
27 2023-054	CCF	\$1,689,002
Corrections		
<i>Replace Roofs, Living Units and Support Buildings, Delta Correctional Center</i>		
<p>The three-phase project replaces the roofs on all 20 buildings at the Delta Correctional Center. The center was constructed in 1964, and the roofs are at the end of their useful life. Leaks are causing interior damage to finishes and equipment while disrupting facility operations and offender programs. This year's request for Phase I replaces roofs on four buildings. Phases II and III will replace roofs on eight buildings each.</p>		
28 2023-055	CCF	\$1,532,694
Fort Lewis College		
<i>Replace Roof, Whalen Gymnasium</i>		
<p>The project replaces the roof over the original portion of Whalen Gymnasium, which covers 35,438 GSF of the 42,390-GSF building. Project design has been completed under a separate capital project already underway.</p>		
29 2021-062	CCF	\$689,611
Education		
<i>Replace Roofs, West and Argo Halls</i>		
<p>The two-phase project replaces old and damaged roofs in two buildings at the Colorado School for the Deaf and the Blind with built-up type roofs and repairs or replaces interior finishes damaged by water infiltration. Phase I addressed West Hall, which houses the Outreach and Student Life Departments and was built in 1934. This year's request for Phase II addresses Argo Hall, which houses IT servers, a conference room, a cafeteria, and dorms, and was built in 1923.</p>		
30 2020-097	CCF	\$1,981,039
Human Services		
<i>Refurbish Secondary and Emergency Electrical Systems, Tier 1, CMHIP</i>		
<p>The three-phase project upgrades electrical systems at the Colorado Mental Health Institute at Pueblo. Phase I replaced the overhead primary power lines on the southern campus with a new, underground primary system, and upgraded electrical systems in Buildings 106 and 130. This year's request for Phase II migrates Buildings 126, 127, 128, and 137 to the new primary system on the north campus. Phase III will upgrade secondary electrical service for Building 121.</p>		

FY 2022-23 Level 1 Controlled Maintenance Request

Project Title	Fund Source	Amount
31 2019-077	CCF	\$553,164
University of Colorado at Colorado Springs		
<i>Modernize Elevators</i>		
<p>The three-phase project modernizes nine campus elevators in six buildings to address safety issues, code deficiencies, life-cycle deterioration, and obsolescence. Phase I upgraded one elevator each in Cragmore and Columbine Halls. This year's request for Phase II upgrades two elevators in the El Pomar Building and one elevator in the Engineering and Applied Sciences Building. Phase III upgrades two elevators each in University Hall and Main Hall.</p>		
32 2022-036	CCF	\$1,465,818
Personnel and Administration		
<i>Replace Plumbing and Abate Asbestos, Centennial Building</i>		
<p>The two-phase project replaces all restroom plumbing; abates asbestos covering existing piping and in restroom plaster; and installs new restroom walls, ceilings, and flooring in the Centennial Building. Phase I made upgrades in the top half of the building. This year's request for Phase II upgrades the restrooms in the rest of the building.</p>		
33 2021-067	CCF	\$1,511,564
Colorado School of Mines		
<i>Replace Hazardous Laboratory Exhaust Fans</i>		
<p>The three-phase project replaces industrial-scale fans in three laboratory buildings. These fans are part of exhaust systems that remove hazardous fumes and vapors from the labs, and are beyond their useful life. This year's request for Phase II replaces fans in Coolbaugh Hall, while Phase III will replace the fans in Anderson Hall. Phase I replaced the fans in Berthoud Hall</p>		
34 2021-046	CCF	\$648,648
Auraria Higher Education Center		
<i>Provide ADA Walkways, Curtis and Champa Streets and Classroom Courtyard</i>		
<p>The two-phase project provides for ADA accessibility on former streets that have converted to pedestrian corridors, and makes the Central Classroom courtyard ADA accessible. The cross slopes on the Curtis and Champa corridors are greater than the two percent permitted by code, and water ponds in the Central Classroom courtyard during significant rain events, resulting in building inaccessibility. This year's request for Phase II designs, provides drainage reports, and constructs the Champa Street corridors. Phase I designed and provided drainage reports for Curtis Street, Lawrence/Colfax, and the courtyard, and constructed these corridors.</p>		
35 2023-056	CCF	\$525,000
Lamar Community College		
<i>Replace Pumps, Controls, and Valves, Campus Irrigation System</i>		
<p>The project replaces pumps, piping, the control system, the expansion tank, and fencing associated with the campus irrigation system. Various components of the existing system are deteriorated, leaking, or nonfunctional, and fencing around the system has rotted.</p>		
36 2020-078	CCF	\$1,473,641
Arapahoe Community College		
<i>Replace HVAC Primary Equipment, Main Building</i>		
<p>The three-phase project addresses deterioration of the cooling, heating, and air handling systems in the Main and Annex Buildings. This year's request for Phase III will replace a steam boiler, which was manufactured in 1973, and the associated air handling units. Phase II replaced the cooling tower, which is nearing the end of its life cycle and moved it onto the roof for ease of access. Phase I replaced the chiller, which was also manufactured in 1973, is beyond its life expectancy, and has no redundancy system.</p>		

FY 2022-23 Level 1 Controlled Maintenance Request

Project Title	Fund Source	Amount
37 2020-091	CCF	\$1,015,351
Human Services		
<i>Replace Hydronic Valves, Southern District</i>		
<p>The two-phase project replaces control valves and pneumatic actuators at three buildings at the Colorado Mental Health Institute at Pueblo. The department says that equipment has degraded such that efficient controls are no longer effective, resulting in poor air control and increased energy use. This year's request for Phase II addresss equipment in Building 119 and Building 120. Phase I addressed equipment in Building 121.</p>		
38 2023-057	CCF	\$830,000
Front Range Community College		
<i>Replace Roof Top Units, South Roof, Westminster Campus</i>		
<p>The project replaces four mixed-air units that offer heating and cooling to the automotive programming space, kitchen area, and campus security office on the Westminster Campus. The units are at the end of their life expectancy and have failed in recent years, resulting loss of heat capacity in these areas. Burst pipes and 35-degree temperatures have resulted. The project also removes two non-functional evaporative coolers and associated equipment.</p>		
39 2023-058	CCF	\$1,115,169
Colorado Community Colleges — Lowry		
<i>Replace Roof, Building 758</i>		
<p>The project fully replaces the roof, brings the roofing insulation up to code, and upgrades the roof drains on Building 758. The existing roof dates to 1969, plants are growing on exposed insulation, and numerous leaks have yet to be fully repaired. Roof drains are clog easily and are hard to clear and there are no overflow drains, which may create structural problems.</p>		

<u>Total Request Amount</u>	<u>\$44,610,189</u>
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FY 2022-23 Level 2 Controlled Maintenance Request

Project Title	Fund Source	Amount
40 2023-059	CCF	\$1,425,249
Colorado State University		
<i>Replace Pitkin Eastern Switchgear</i>		
The project replaces one of two switchgears in the Pitkin electrical substation that enable delivery of power to campus buildings. The switchgear to be replaced is over 50 years old, its technology was phased out almost 30 years ago, and replacement parts are unavailable. Failure of the switchgear would bring down about one third of the campus electrical system, affecting mainly academic buildings on the east side. The other switchgear in Pitkin was replaced in 2009.		
41 2023-060	CCF	\$687,440
Local Affairs		
<i>Replace Emergency Generators, Buildings 6 and 8, Fort Lyon</i>		
The project replaces the generators for the building housing the kitchen and dining facilities (Building 6) and a building housing 80 residents (Building 8) at Fort Lyon. Both generators are incapable of fully serving the buildings in the event of a power outage. Loss of power could result in the inability to feed the approximately 250 residents of this rehabilitation facility, resulting in residents being relocated or leaving the program until service could be resumed. The existing generators will be repurposed for use in other campus buildings.		
42 2020-099	CCF	\$1,115,826
Pikes Peak Community College		
<i>Improve Electrical Infrastructure, Rampart Range Campus</i>		
The project replaces the 50-kilowatt diesel generator serving the Rampart Range Campus with a new 80-kilowatt diesel generator. A 2017 assessment determined that the existing generator is not sufficient to support life-safety systems, emergency lighting, or necessary mechanical systems.		
43 2023-061	CCF	\$1,885,584
Arapahoe Community College		
<i>Expand Fire Sprinkler System, Main Building</i>		
The project installs a fire sprinkler system throughout the Main Building. The existing fire sprinklers only cover areas modified in or added to the building since it was constructed in 1974. The project will resolve certain building deficiencies and bring it into compliance with current code requirements.		
44 2023-062	CCF	\$427,250
Pueblo Community College		
<i>Replace Fire Suppression and Notification Panel</i>		
The project repairs and replaces components in the fire suppression and notification panel serving the Fremont Campus, which is original to the 2001 facility and has exceeded its 10-year life expectancy. The system requires annual repairs to pass inspection, and certain components do not work.		
45 2023-063	CCF	\$803,551
University of Colorado at Boulder		
<i>Repair Exterior Structure, Hale Science</i>		
The three-phase project reconstructs the L-shaped stone stairs and renovates associated elements on the north side of Hale Science, which was constructed in 1894. The deteriorating staircase has reduced its load-bearing capabilities and the structural stability of the sandstone above it. This year's request for Phase I designs the project; shores up the front entry to protect it from structural failure; and demolishes the wrap-around staircase, landings, and foundation. Phase II will reconstruct the staircase, including drainage elements and entry lighting. Phase III will address ADA accessibility issues, stormwater drainage, site lighting, and tuckpointing on the main building structure.		

FY 2022-23 Level 2 Controlled Maintenance Request

Project Title	Fund Source	Amount
46 2023-064	CCF CF	\$1,991,000 \$388,000
Front Range Community College		
<i>Replace Interior Mechanical System, Blanca Peak Building, Larimer Campus</i>		
The project replaces interior components of the HVAC system and updates system controls in the Blanca Peak Building, three modular buildings, and the bookstore storage building. A cash-funded component of the project replaces the building's boiler system and associated infrastructure. The HVAC system is at the end of its useful life and loss of functional controls is making it difficult for the college to regulate temperature in the building and associated spaces.		
47 2021-049	CCF	\$1,742,483
University of Colorado Denver		
<i>Replace Chiller, Fitzsimons Building</i>		
The two-phase project replaces three chiller units that provide cooling for an animal vivarium, electronic communications infrastructure, and other critical university systems. The units are unreliable, present ongoing maintenance problems, and use R-22 refrigerant, which has been phased out by federal regulation. This year's request for Phase II removes the old chillers and installs the three new chillers. Phase I modified piping distribution to provide a looped system and made water treatment upgrades.		
48 2019-087	CCF	\$1,741,938
Personnel and Administration		
<i>Upgrade/Replace HVAC Systems, 690 and 700 Kipling</i>		
The two-phase project replaces variable air volume units and associated HVAC system components in two buildings. The existing equipment is outdated, has reached the end of its useful life, and requires sourcing of parts that are no longer manufactured. This year's request for Phase II replaces equipment in 700 Kipling. Phase I replaced equipment in 690 Kipling.		
49 2023-065	CCF	\$1,153,423
Morgan Community College		
<i>Replace Roof-Top Units, Cottonwood, Aspen, and Spruce Halls and Bloedorn Center</i>		
The project replaces 13 roof-top units that provide cooling to Cottonwood, Aspen, and Spruce Halls and the Bloedorn Center. Fixing the units has become costlier each year, and requires an annual service agreement with a local contractor for emergency, on-call repairs.		
50 2023-066	CCF	\$1,142,004
Public Safety		
<i>Repair/Upgrade Mechanical and Electrical Systems, Fort Collins and Castle Rock</i>		
The project installs modern HVAC equipment and LED lighting in two Colorado State Patrol facilities. The existing HVAC systems are failing and inefficient, parts are difficult to source, and components have been damaged by storms. The lighting is energy intensive, has minimal occupancy control, and is comprised of a mixture of fixture types.		
51 2023-999		
Personnel and Administration		
<i>This project was withdrawn.</i>		
52 2023-068	CCF	\$971,078
Colorado Northwestern Community College		
<i>Repair/Replace Parking Lots and Adjacent Sidewalks, Rangely Campus</i>		
The project strips, levels, and repairs sidewalks; pours concrete for curbs and gutters for stormwater management; levels and pours asphalt on parking lots; and stripes the asphalt for spaces, fire lanes, and crosswalks on the Rangely Campus. The parking lots exhibit cracking, potholes, standing water and ice, sloping, and ADA compliance issues. The lots have no van-accessible parking spots, and lack drainage and erosion control.		

FY 2022-23 Level 2 Controlled Maintenance Request

Project Title	Fund Source	Amount
53 2020-087	CCF	\$924,495
Colorado State University — Pueblo		
<i>Replace Campus Water Lines</i>		
The three-phase project replaces campus domestic and irrigation water lines. The water lines are deteriorating and many of the isolation valves are inoperable. The irrigation system runs 24 hours per day and does not cover all areas. This year's request for Phase III installs a new water main tap and associated infrastructure to separate irrigation on the east side of campus from the domestic water loop. Phase I designed the project, replaced six main loop isolation valves, and increased the size of a main water line. Phase II addressed the west side of campus in a similar manner to Phase III.		
54 2023-069	CCF	\$632,795
Colorado School of Mines		
<i>Replace Hazardous Lab Controls, General Research Lab Building</i>		
The two-phase project replaces the ventilation controls in the laboratories where flammable and hazardous materials are handled in the General Research Lab Building. This request covers the first phase of the project, and each phase will install direct digital controls in half the ventilation zones.		
55 2023-070	CCF	\$354,458
Colorado State University		
<i>Upgrade Exterior ADA, Various Locations</i>		
The project repairs existing ramps, adds ramps, repairs or replaces sidewalks, removes asphalt and lays concrete, and adds pedestrian crossing signage at 14 high-priority locations around campus. A 2019 report by Resources for Disabled Students noted deficiencies ranging from missing or inadequate sidewalks, curb cut ramps, and difficult access routes that push wheelchair users out into the street.		
56 2023-071	CCF	\$1,868,581
Western Colorado University		
<i>Upgrade Lighting for Security and Efficiency</i>		
The project replaces all exterior light fixtures, including pole lights and wall packs, and installs new lights where needed for security. The project also converts interior task lighting fixtures to LED fixtures. The existing lighting is inefficient and does not meet the security needs of a contemporary campus. High-pressure sodium lamps require near-constant lamp changes across campus.		
57 2023-072	CCF	\$1,995,242
Colorado State University		
<i>Upgrade Foothills Underground Electric, Rampart Road</i>		
The project replaces a total of 4,905 linear feet of overhead lines with underground lines along Rampart Road to serve the Foothills Research Campus. The lines support research and other functions in the fish ponds, fisheries, maintenance, Equine Research Lab, Aggies Lab, sheep barns, and the College Lake Pump House. The overhead lines are susceptible to power outages cause by animals, wind, and inclement weather.		
58 2019-073	CCF	\$970,439
University of Colorado Denver		
<i>Improve Heating System, Building 500</i>		
The five-phase project replaces the outdated steam system used to heat the perimeter of Building 500 with a new hot water system to address water leaks and poor environmental control. The project also installs new air terminals and automatic controls. This year's request for Phase III performs upgrades on the second floor and for the heat exchangers in Upper North Wing. Phases I and II addressed the first floor and ground floor. Phases IV and V will address the fourth through eighth floors.		
59 2019-074	CCF	\$1,016,426
Human Services		
<i>Refurbish HVAC and Mechanical Equipment, Zebulon Pike, Pueblo, and Spring Creek Youth Services Centers</i>		
The two-phase project upgrades mechanical equipment in three youth services centers to address equipment that is at or near the end of its useful life and failing with increasing frequency. This year's request for Phase II replaces the chiller and installs code-compliant associated infrastructure at Spring Creek Youth Services Center (YSC). Phase I replaced the original hydronic equipment, high-efficiency pumps, water heaters, and expansion tanks at Zebulon Pike YSC and Pueblo YSC.		

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Project Title	Fund Source	Amount
60 2022-047	CCF	\$193,975
Colorado Mesa University		
<i>Upgrade HVAC, Wubben and Health Sciences Buildings</i>		
The two-phase project installs air conditioning units in server rooms that house building automation systems. The existing cooling units are at capacity. This year's request for Phase II adds one unit to the Health Sciences Building. Phase I added two units to the Wubben Sciences Building.		
61 2023-073	CCF FF	\$662,985 \$662,985
Military and Veterans Affairs		
<i>Replace Roof and Upgrade Site Security, Joint Forces Headquarters</i>		
The two-phase project replaces roofs on two buildings and upgrades exterior security lighting at the Joint Forces Headquarters. The type and spacing of existing lighting is not in compliance with current anti-terrorism/force protection requirements, and the roofs on Building 248 and Building 268 are leaking and contain damaged elements. This year's request for Phase I replaces existing exterior lights and mounts and installs forty new pole-mounted lights. Phase II will replace the two roofs.		
62 2022-042	CCF	\$1,209,056
University of Colorado Denver		
<i>Upgrade Electrical Systems, CU Denver Building</i>		
The two-phase project upgrades electrical systems in the CU Denver Building, most of which are original to the building's construction in 1977 and are past their useful life. Risk of loss of use of the building due to system failure is significant. This year's request for Phase II replaces lighting, mechanical panel boards, and general power panel boards. Phase I upgraded the main electrical service distribution, including connecting the elevators to the emergency generator.		
63 2020-083	CCF	\$1,794,236
Personnel and Administration		
<i>Replace Short Tunnel Roof, Capitol</i>		
The project excavates the ground over the State Capitol utility tunnel and constructs a new, reinforced structural concrete casing enclosing the tunnel, and provides for waterproofing, structural backfill, and interior finishing. The tunnel carries the building's energy, water, and communications lines. Water infiltration has been detected in the tunnel, which could lead to structural fatigue. Failure of the tunnel will compromise the utility lines and the south entrance to the Capitol will be closed.		
64 2019-110	CCF	\$1,991,473
Corrections		
<i>Replace Roof, Programs and Support Buildings, Trinidad Correctional Facility</i>		
The project replaces roofs on the Programs and Support Buildings with new roofing that meets drainage and energy efficiency building code requirements. The existing roofs lack sufficient sloping for proper drainage, require extensive maintenance, and have developed leaks that cause damage to interior finishes and disrupt programming.		
65 2019-124	CCF	\$1,371,505
Pueblo Community College		
<i>Repair Exterior Walls, Gorsich Advanced Technology Center</i>		
The project repairs all failures in the exterior walls and roof membrane on the Gorsich Advanced Technology Center to prevent further moisture intrusion. The building's exterior walls have significant exterior cracking due to foundation movement, and evidence shows that moisture intrusion has caused cracking where the roof deck meets the exterior wall.		
66 2015-158	CCF	\$1,773,750
Pikes Peak Community College		
<i>Replace Chiller, Rampart Range Campus</i>		
The project replaces an older chiller at the end of its useful life with a new chiller, a redundant chiller, and associated hardware. Repairs are becoming more expensive and frequent with the existing chiller, and it has no redundancy, creating the risk of no cooling for the building if it fails.		

FY 2022-23 Level 2 Controlled Maintenance Request

Project Title	Fund Source	Amount
67 2023-074	CCF	\$928,928
Colorado Community Colleges — Lowry		
<i>Upgrade HVAC, Building 849</i>		
The project replaces the chiller, boiler, pumps, and associated equipment and controls in Building 849. The current chiller's model is no longer manufactured, parts for it are hard to acquire, and it uses R-22 refrigerant, which has been phased out by the federal government and is no longer manufactured.		
68 2023-102	CCF	\$350,000
Education		
<i>Repair Parapet Walls, Industrial Building, Colorado School for the Deaf and the Blind</i>		
The single-phase project repairs loose masonry, ledges, and mortar joints on the Industrial Building. The parapet is sufficiently degraded that freeze-thaw cycles are loosening bricks, which then fall from the building.		
69 2023-103	CCF	\$326,040
Colorado State University		
<i>Rehabilitate Irrigation Wells, SLVRC</i>		
The project addresses low water flow from irrigation wells at the San Luis Valley Research Center. It realigns one well, redrills another, and replaces pumping equipment for both wells. The wells are more than 40 years old, and provide water to fields dedicated to growing potato varieties adaptable to the region.		
70 2023-075	CCF	\$1,505,441
University of Colorado Denver		
<i>Repair Exterior Curtain Wall, Academic Office Building</i>		
The two-phase project revitalizes the curtain, or outer, wall of the Academic Office Building to address water intrusion and ensure the integrity of the building's envelope. The repairs include removing trim covers and pressure plates to replace missing seals and removing glass units to apply sealing to corners. The project will work in vertical sections, with an initial focus on the area where the curtain wall meets interior walls.		
71 2019-097	CCF	\$1,966,852
Human Services		
<i>Refurbish Ash Conveyor System, Heat Plant, CMHIP</i>		
The two-phase project replaces the system that pneumatically removes ash and soot produced by the two coal-fired boilers in the Colorado Mental Health Institute at Pueblo's Central Heating Plant. The department explains that the system, which was put into service in 1988 and is required for boiler operation, has suffered multiple failures over the years due to the abrasive and corrosive material conveyed, and delivering waste product to the storage silo has become extremely difficult. This year's request for Phase II replaces the blower, ash conditioner, particle separator, and other components. Phase I replaced all ash piping, valves, and grinders.		
72 2019-099	CCF	\$1,733,905
Human Services		
<i>Replace Roofs, Five Buildings, CMHIFL</i>		
The three-phase project replaces deteriorated roofs on five buildings that are beyond their useful life at the Colorado Mental Health Institute at Fort Logan. This year's request for Phase II replaces the roofing systems on Buildings C and J. Phase I replaced the roofing systems of Buildings A and B. Phase III will replace the roofing system on Building KE.		
73 2023-076	CCF	\$1,429,785
University of Northern Colorado		
<i>Replace Roof, Butler Hancock</i>		
The project replaces older sections of roof on the Butler Hancock Athletic Center and repairs any aging areas with a fully adhered rubber roofing system.		

FY 2022-23 Level 2 Controlled Maintenance Request

Project Title	Fund Source	Amount
74 2023-077	CCF	\$1,382,405
Human Services		
<i>Replace Roof, Platte Valley YSC</i>		
The two-phase project replaces the roof on the Platte Valley Youth Services Center. This year's request for Phase I replaces half of the built-up roofing at the facility, and repairs or replaces the metal roofing on Building 100. Phase II will replace the remaining sections of built-up roofing.		
75 2023-078	CCF FF	\$597,808 \$597,808
Military and Veterans Affairs		
<i>Replace Roofs at Fort Collins, Watkins, and Aurora Readiness Centers</i>		
The two-phase project repairs or replaces the roofs, or portions thereof, at three National Guard readiness centers. The roofs are variously experiencing age, environmental wear, leaks, and energy consumption-related issues. This year's request for Phase I repairs or replaces roofing at the Fort Collins and Watkins facilities. Phase II will repair or replace the roof at the Aurora facility.		
76 2019-098	CCF	\$379,682
Colorado Mesa University		
<i>Replace Roof, Wubben/Science Building</i>		
The project removes the existing ballast and membrane roof on Wubben Hall and the Science Building and replaces it with a new, fully-adhered roofing membrane and additional insulation. The existing roof is more than 20 years old and has begun to leak on a consistent basis over the last four years, potentially damaging sensitive lab equipment. The Science Building was constructed as an addition to Wubben Hall.		
77 2020-107	CCF	\$190,347
Local Affairs		
<i>Refurbish Water Tower</i>		
The project corrects all deficiencies on the water tower at Fort Lyon, thus allowing the department to enter into a maintenance contract with a private firm for ongoing service. The scope of work includes cleaning and repainting the water tower's exterior, and touching up damaged paint and insulation areas of the interior structure and stand pipe.		
78 2022-049	CCF	\$1,432,689
Fort Lewis College		
<i>Replace Fire Alarm Equipment, Multiple Buildings</i>		
The two-phase project replaces fire alarm panels in five buildings on campus. The existing panels are approaching obsolescence and replacement parts are difficult to obtain. This year's request for Phase II replaces panels in the Community Concert Hall, the Center of Southwest Studies, and Kroeger Hall. Phase I conducted design work and replaced panels in Reed Library and Jones Hall.		
79 2019-037	CCF	\$547,737
Colorado School of Mines		
<i>Remediate Campus Fall Hazards</i>		
The three-phase project installs fall hazard mitigation systems in 15 buildings on campus. The new systems improve safety conditions by providing secure attachment points, ladders, self-closing gates, guardrail extensions, steps, and grab bars for maintenance workers working on the roofs. This year's request for Phase III will install systems in three buildings. Phases I and II installed systems in six buildings each.		
80 2023-079	CCF	\$627,000
Lamar Community College		
<i>Replace Chiller, Valves, Pipes, and Controls, Bowman</i>		
The project replaces the chiller and associated controls in the Bowman Building, and upgrades its controls. Installed in 1992, the chiller has exceeded its life, requires expensive maintenance, and shows readings of an imminent major malfunction. It also uses the discontinued R-22 refrigerant.		

FY 2022-23 Level 2 Controlled Maintenance Request

Project Title	Fund Source	Amount
81 2023-080	CCF	\$639,075
Colorado Community Colleges — Lowry		
<i>Replace Chiller, Building 901</i>		
The project replaces the chiller, associated equipment, and controls in Building 901. The equipment is no longer manufactured, parts are difficult to source, and the system uses the discontinued R-22 refrigerant.		
82 2023-081	CCF	\$1,020,018
University of Colorado at Colorado Springs		
<i>Upgrade HVAC Controls, Columbine Hall</i>		
The project demolishes and removes the HVAC/temperature controls and associated compressors serving Columbine Hall and replaces them with direct digital controls that are compatible with the campus systems. The current controls have several leaks and they are becoming obsolete, making maintenance activities difficult and component replacement impossible.		
83 2023-082	CCF	\$1,683,875
Colorado Mesa University		
<i>Replace HVAC Fine Arts Building</i>		
The project replaces the HVAC system in the Fine Arts Building and converts the old system to the campus ground source heat pump system. The HVAC and control systems are 20 years old and require continual repair. Further, the system lacks the ability to circulate air sufficiently and the system controls provide limited control over building heating and cooling.		
84 2023-083	CCF	\$1,985,000
Front Range Community College		
<i>Replace Roof Top Units, Blanca Peak Building, Larimer Campus</i>		
The project replaces or rebuilds the three roof-top units providing climate control to the Blanca Peak Building on the Larimer Campus, upgrades associated infrastructure, and integrates the system with new HVAC controls installed under a different controlled maintenance request. The HVAC system is at the end of its useful life, and the loss of functional controls has made it difficult to regulate building temperatures. Further, the system uses R-22 refrigerant, the use of which has been discontinued by the federal government.		
85 2022-051	CCF	\$1,666,730
Human Services		
<i>Repair/Replace Sewer and Steam Producers, CMHIFL</i>		
The three-phase project updates sewer and HVAC systems in multiple buildings at the Colorado Mental Health Institute at Fort Logan. The project continues an effort to remove buildings from the 55-year-old hot water central plant in favor of individual building independence, thus avoiding a potential single point of failure. It also creates system redundancy. Many of the components associated with the central plant are deteriorated and are outdated, making replacement parts difficult to source and qualified maintenance staff hard to find. This year's request for Phase II replaces sanitary sewer lines in H and D Buildings and replaces the steam producers that feed A and D Buildings. Phase III will replace the steam producers that feed F1 and J Buildings and the K Building Complex. Phase I replaced steam producers, a chiller, and related HVAC equipment in H Building.		
86 2023-084	CCF	\$1,482,580
Red Rocks Community College		
<i>Replace East Wing Roof, Lakewood Campus</i>		
The two-phase project replaces the roof over the East Wing and Middle Building of the Lakewood Campus. The roof has reached the end of its useful life, is tenting in areas, and is separating from curb and wall locations. Leaking has the potential to cause significant financial impacts. This year's request for Phase I repairs and replaces the lower level of the multi-tiered roof system. Phase II will repair and replace the upper two levels.		
Total Request Amount		\$55,370,932

FY 2022-23 Level 3 Controlled Maintenance Request

Project Title	Fund Source	Amount
87 2023-085 Auraria Higher Education Center <i>Replace Mechanical System, King Center</i> The project installs a new HVAC system and integrates it with the existing building automation system. The campus is in the midst of upgrading its HVAC systems campus-wide. Maintenance issues have increased for the cooling tower and associated air handling units in the last two years. The project will reduce maintenance and energy costs.	CCF	\$1,909,778
88 2019-106 University of Colorado at Colorado Springs <i>Replace Roof, Columbine Hall</i> The project replaces about 30,860 square feet of roofing over the Classroom Wing and Office Wing portions of Columbine Hall. These roofing areas experience chronic leaking due to normal lifecycle deterioration, causing damage to academic and office spaces.	CCF	\$1,423,323
89 2023-086 Corrections <i>Replace Roof, Minimum Living Unit, SCF</i> The two-phase project replaces roofs over several buildings in the Minimum-Restricted Living Unit at Sterling Correctional Facility. The roofs require extensive maintenance, and have developed leaks causing damage to walls and equipment and disrupting programming. An audit will determine whether the roofs of particular buildings require repairs or full replacement. This year's request for Phase I addresses Living Units 21-25. The insulation in the roofing system of Living Unit 21 is wet enough to warrant full replacement. Phase II will address Living Units 31-36.	CCF	\$1,109,909
90 2019-107 Fort Lewis College <i>Replace Roof, Aquatic Center</i> The project replaces the roof over the Aquatic Center with a roof that satisfies building codes, energy efficiency requirements, and OSHA protection standards. The membrane in the 1994 roofing system is cracking and the roof coating no longer adheres uniformly, compromising the roofing system.	CCF	\$1,014,088
91 2022-023 Adams State University <i>Upgrade Campus Security and Safety</i> The two-phase project addresses safety and security deficiencies by replacing fire panels, improving door keying, and installing automated building access and surveillance cameras. This year's request for Phase II installs a campus-wide video surveillance system. Phase I replaced fire panels in six buildings across campus, upgraded nine fire panel control modules, and installed an electronic key access system in select buildings.	CCF	\$721,310
92 2020-105 Colorado State University <i>Upgrade Campus Exterior Lighting</i> The project upgrades exterior light fixtures to provide better light quality, improved energy efficiency, and extended life on the main campus. The project will improve campus safety and security.	CCF	\$610,895
93 2023-087 Colorado Northwestern Community College <i>Upgrade Lighting, Rangely Campus</i> The project replaces old lamps and fixtures with new, energy efficient and longer lasting lighting. The new lighting will provide code-compliant light levels and improve campus safety and security. Federal lamp rules have made bulbs for the existing lighting systems difficult to obtain.	CCF	\$107,877

FY 2022-23 Level 3 Controlled Maintenance Request

Project Title	Fund Source	Amount
94 2023-088 Trinidad State Junior College <i>Install Boiler System and Upgrade Associated Building Automation System, Berg</i> The two-phase project installs modulating, high-efficiency boilers and controls, and replaces windows in the Berg Building. The building initially had no building-wide mechanical ventilating and air-conditioning system. A previous controlled maintenance project upgraded the cooling system only. This project improves the heating system, and replaces single-pane windows with insulated units. This year's request for Phase I installs the boilers and controls, while Phase II will replace windows.	CCF	\$1,993,739
95 2019-079 Colorado Historical Society (History Colorado) <i>Paint High Bridge, Georgetown Loop Railroad</i> The project strips, water blasts, and repaints the High Bridge along the Georgetown Loop Railroad. The paint is starting to peel, which exposes the underlying steel framing. The paint protects the bridge from rust damage and, in turn, from structural fatigue.	CCF	\$792,628
96 2023-089 Corrections <i>Replace Roof, Rifle Correctional Center</i> The project replaces seven roofs at the Rifle Correctional Facility. Deteriorated conditions include blistered surfaces, cracking, and open seams that allow moisture to soak the roofing insulation, resulting in leaks that cause interior damages to finishes and equipment and disrupt programming.	CCF	\$1,492,686
97 2023-090 Colorado State University — Pueblo <i>Replace Roofs, Physical Plant, Heat Plant, and Music Building</i> The project replaces roofs, associated gutters, and downspouts as necessary on the Physical Plant, Heat Plant, and Music Buildings. The roofs are at the end of their useful life. Numerous patches have extended their lifespans.	CCF	\$1,384,639
98 2023-091 Colorado Community Colleges — Lowry <i>Install New Windows and Doors, Building 905</i> The project replaces windows and doors in Building 905 to improve energy efficiency and building security. These elements are original to the building, which was constructed in 1953. The single-pane, aluminum-framed windows are hard to open and do not seal, allowing water and air to leak into the building. The doors are hard to open, close, and lock properly, creating a security concern.	CCF	\$1,260,504
99 2023-092 Human Services <i>Remove and Replace Plumbing and Life-safety Systems, GMYSC</i> The project replaces the mechanical infrastructure for certain fire sprinkler system elements in the Grand Mesa Youth Services Center, including the wet-pipe fire suppression valves and the dry-system piping. The project also lines the sanitary sewer. Fire sprinkler system components are outdated and corroding, leading to leaks. The sanitary sewer main lines and laterals are failing.	CCF	\$1,252,543
100 2023-093 Front Range Community College <i>Replace Roof, Main Building, Westminster Campus</i> The two-phase project replaces the roof on the Main Building with a roof that meets energy efficiency code requirements. Deficiencies with the current roof include blistering around all asphalt flashings, open flashing seams, wind scouring of surfaces, and insufficient insulation. This year's request for Phase I replaces about 68,000 square feet of roofing. Phase II will replace the remaining 78,600 square feet of roofing.	CCF	\$1,993,000

FY 2022-23 Level 3 Controlled Maintenance Request

Project Title	Fund Source	Amount
101 2023-094	CCF	\$1,681,307
Human Services		
<i>Replace Roof at Ridge View</i>		
<p>The three-phase project replaces roofs over 13 buildings at the Ridge View Youth Services Center. The roofs are original to the facility, over 20 years old, and at the end of their useful life. This years request will replace roofs on the Gym and Administration Buildings. Phase II will replace the roofs over the Student Center, Library and West Academic Building. Phase III will replace roofs over seven resident units and the East Academic Building.</p>		
102 2021-061	CCF	\$529,237
Colorado Mesa University		
<i>Improve Building Envelope, Archuleta Engineering and Wubben/Science Buildings</i>		
<p>The project replaces the windows and skylights in two buildings. The current window systems are failing, allowing water to enter the buildings, and the windows in Archuleta Engineering do not meet energy code requirements.</p>		
103 2023-095	CCF	\$1,665,261
Human Services		
<i>Repair/Replace Roofs, 13 Buildings at Mount View YSC</i>		
<p>The three-phase project replaces the roofs over 13 buildings at Mount View Youth Services Center. The buildings to be improved by the request range in age from 24 to 63 years old, and all the roofing exceeds its useful life. Leaking is causing safety, security, and interior damage and degradation issues. This year's request for Phase I upgrades roofing in Buildings 50, 54, and 56. Phases II and III will repair roofs over an additional five buildings each.</p>		
104 2023-096	CCF	\$521,107
Colorado Mesa University		
<i>Replace Roof, Western Colorado CC Building A</i>		
<p>The project replace the roof on Building A on the Western Colorado Community College campus. The membrance is splitting in several locations, allowing leaks that enter an electrical room, damage the roof insulation, and damage interior elements such as ceiling tiles, walls, and paint. The new roof will feature increased roof insulation.</p>		
105 2023-097	CCF	\$1,840,806
Human Services		
<i>Replace Domestic and Hot Water Heating Systems, Platte Valley, Marvin Foote, and Mount View YSCs</i>		
<p>The three-phase project replaces the hot water heating and domestic water systems at three youth services centers. The systems supply heat for campus residential and support buildings, along with hot water for sinks and showers. The older systems are failing and difficult to maintain, and parts are no longer readily available. This year's request will replace the water systems at the Platte Valley facility. Phase II will replace the water systems at the Marvin Foote facility, and Phase III will replace the water systems serving Buildings #55 and #56 at the Mount View facility.</p>		
106 2023-098	CCF	\$1,201,556
Human Services		
<i>Replace Domestic Water Softeners, Pumps, and Compressors, Building 35 and Replace Chiller, Building 118, CMHIP</i>		
<p>The two-phase project replaces domestic water softeners, pumps, and compressors in the Heating Plant (Building 35) on the Colorado Mental Health Institute at Pueblo campus. The project also replaces the absorption chiller in Building 118 with an electric chiller and associated cooling tower. The domestic water infrastructure to be replaced in Building 35 are between 34 and 37 years old and experiencing pitting, leaks, mineral build-up, and condensation. Parts are also difficult to source for the system. The chiller system in building 118 is one of four serving the campus, and replacing it will provide the campus with complete redundancy. This year's request for Phase I will address Building 35. Phase II will address Building 118.</p>		

FY 2022-23 Level 3 Controlled Maintenance Request

Project Title		Fund Source	Amount
107	2023-099	CCF	\$248,325
Pikes Peak Community College			
<i>Upgrade Building Automation System, Centennial Campus</i>			
<p>The project removes and replaces the building automation system in the Breckenridge Building on the Centennial Campus, which controls the building's climate. The system hardware and software cannot be updated, and finding a qualified technician to work on the system is becoming increasingly difficult. Loss of climate control could result in class cancellation or campus closure. The new system will match the system used on the majority of the campus.</p>			
108	2023-100	CCF	\$646,664
Colorado Mesa University			
<i>Repair Failed Parking Lots, Western Colorado CC</i>			
<p>The project removes failed asphalt and concrete on three parking lots, repairs and compacts the subgrade, and paves the lots on the Western Colorado Community College campus. The lots are about 20 years old, have poor drainage, and are too deteriorated for patching.</p>			
109	2023-101	CCF	\$926,239
Pikes Peak Community College			
<i>Mitigate Slope at Firing Range, Centennial Campus</i>			
<p>The hillside at the Firing Range Main Building on the Centennial Campus has experienced slope failure due to a nearby stream, rendering the sanitary waste system inoperable and endangering the concrete piers supporting the Education Building. The project hires a firm to conduct a geological investigation, and repairs and stabilizes the hillside to prevent future failures. The project also installs a permanent sanitary sewer system, a propane tank, and associated utilities, and replaces a concrete slab and storm sewers.</p>			

Total Request Amount	\$26,327,421
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Attachment E
FY 2021-22 Capital Budget Submission: Source of Cash Funds

CDC Priority	Agency and Project Title	Explanation of Source of Cash Funds	CCF	CF
Projects With Cash Funds Recommended for State Funding by the CDC				
4	University of Colorado Boulder Hellem Arts and Sciences Building Renovation and Mary Rippon Outdoor Theatre Renovation	Campus cash funds derived from various uncommitted, unrestricted net assets	10,868,038	16,302,057
5	Community College of Denver Boulder Creek Building Remodel and Addition	Institutional reserves and donations	21,080,133	1,857,988
13	Northeastern Junior College Applied Technology Campus Expansion and Remodel	Institutional reserves	11,500,000	1,075,000
14	Fort Lewis College Berndt Hall 300s (Capital Renewal)	Institutional reserves	4,200,399	221,074
16	Colorado Mesa University Robinson Theater Replacement	Campus reserves and fundraising	39,454,194	4,432,562
17	Colorado State University Clark Building Renovation and Addition	The university's General Fund and donations	38,927,539	30,000,000
24	University of Northern Colorado Gray Hall Mechanical Systems Improvements (Capital Renewal)	Capital reserves	4,540,656	46,000
26	Western Colorado University Hurst Hall Lab Renovation (Capital Renewal)	Institutional reserves	3,831,677	163,815
27	Pikes Peak Community College FREE Complex	Institutional cash funds and donations	33,395,759	2,923,718
28	Adams State University Central Technology Building Addition and Renovation	Institutional reserves	7,633,103	77,102
29	Colorado School of Mines Arthur Lakes Library Renovation	Anticipated donor contributions	12,000,152	3,000,000
30	University of Colorado Denver CU Denver Building Infrastructure Replacement and Renovation	Institutional reserves	25,883,686	9,094,268
32	Department of Transportation Automated Weather Observing Stations	Aviation fuel tax revenue to the Discretionary Aviation Grant Program	450,000	300,000
Total, Projects With Cash Funds Recommended for State Funding by the CDC			\$213,765,336	\$69,493,584
Cash-Funded Projects Recommended for Funding by the CDC				
N/A	Department of Human Services Depreciation Fund Capital Improvements	Regional Center Depreciation Account within the Capital Construction Fund	0	1,037,372
N/A	History Colorado Georgetown Loop Preservation Projects	State Historical Fund, which generates revenue from limited gaming activities	0	385,000
N/A	Colorado Parks and Wildlife Infrastructure and Real Property Maintenance	Funds from the Wildlife Cash Fund (\$46,202,450), created in Section 33-1-112 (1)(a), C.R.S., and the Highway Users Tax Fund (\$300,000), created in Section 43-4-201 (1)(a), C.R.S., and appropriated to CPW per Section 33-10-111 (4), C.R.S. The Wildlife Cash Fund generates revenue from hunting and fishing license fees and various other sources.	0	46,502,450
N/A	Colorado Parks and Wildlife Property Acquisition and Improvements	Funds from the Wildlife Cash Fund, created in Section 33-1-112 (1)(a), C.R.S., which accrues revenue from wildlife hunting and fishing license fees and various other sources. Habitat stamp sales revenue is also deposited in the fund and is the primary source of funding for land and water acquisitions.	0	11,000,000
N/A	Fort Lewis College Health Sciences Center	Fundraising	0	2,952,432
Total, Cash-Funded Capital Projects Recommended for Funding by the CDC			\$0	\$61,877,254

FY 2021-22 Capital Budget Submission: Source of Cash Funds (cont.)

CDC Priority	Agency and Project Title	Explanation of Source of Cash Funds	CCF	CF
Projects With Cash Funds Not Recommended For State Funding by the CDC				
42	Western Colorado University Leslie J. Savage Library (Capital Renewal)	University reserves	2,940,516	125,715
46	Adams State University Facility Services Center Replacement	Institutional reserves	18,758,534	189,480
51	Colorado Mesa University Maverick Center Renovation and Expansion	Institutional reserves	38,026,716	4,272,189
55	University of Colorado Boulder Guggenheim Geography Building Renovation	Debt, capital reserves, and indirect cost recovery reserves	12,077,829	18,116,744
56	Colorado Mesa University Student Parking Garage	University internal funds or fundraising	22,842,301	2,566,265
58	Colorado Mesa University Electrical and Computer Engineering Building	Campus reserves and fundraising	21,029,766	2,362,633
59	University of Colorado Boulder Macky Auditorium Renovation	Debt and capital reserves	8,349,469	12,524,204
60	Colorado Mesa University Energy Independence at CMU	Institutional reserves and fundraising	6,785,071	762,283
61	University of Colorado Denver CU Denver Engineering Building	Institutional reserves, gifts, and donations	14,643,751	5,145,101
62	Metropolitan State University of Denver Classroom 2 Career Hub	Donations	15,215,574	1,709,425
Total, Projects With Cash Funds Not Recommended for State Funding by the CDC			\$160,669,527	\$47,774,039

FY 2022-23 Capital Projects Not Recommended for Funding

Project Title	Fund Source	Amount
36 2022-006	CCF	\$2,324,904
Corrections		
<i>Sanitary Sewer Line Replacement, Buena Vista Correctional Facility (Capital Renewal)</i>		
The capital renewal project repairs and replaces failing sanitary sewer lines serving the Buena Vista Correctional Facility. The department explains that portions of the line are negatively sloped, which inhibits wastewater flow, and are blocked by grease, deteriorating, and exhibiting signs of intrusion from outside elements.		
37 2023-012	CCF	\$6,055,136
Corrections		
<i>ADA Improvements, Fremont Correctional Facility (Capital Renewal)</i>		
The capital renewal project renovates existing facilities and systems at Fremont Correctional Facility (FCF) to meet Americans with Disabilities Act (ADA) guidelines. The project adds 63 mobility accessibility beds. Paired with a previously funded project, this brings the total number of such beds to 100.		
38 2021-023	CCF	\$12,402,937
Corrections		
<i>Critical Living Unit Shower Drain Replacement, Arkansas Valley Correctional Facility (Capital Renewal)</i>		
The capital renewal project replaces the entirety of the drain and plumbing lines within the living units at the Arkansas Valley Correctional Facility. The project brings these areas into compliance with minimum fixture and shower drainage requirements. Fixtures will be upgraded to prevent over-usage, exhaust systems will be upgraded, and cells will be reconfigured to make way for new shower and toilet space.		
39 2023-027	CCF	\$2,812,095
Human Services		
<i>Grand Mesa and Platte Valley Youth Services Centers Separation of Use</i>		
The three-phase project renovates existing space and constructs new units at the Grand Mesa and Platte Valley Youth Services Centers in order to allow the department to separate the centers' commitment and detention functions. Commitment refers to a youth being placed in the department's long-term custody after having been found guilty of a crime, while detention refers to short-term custody while a youth awaits trial. The department explains that confining both populations in the same space results in program disruption. This request for Phase I will design the project, Phase II will construct the project at Grand Mesa, and Phase III will construct the project at Platte Valley.		
40 2023-030	CCF	\$11,319,279
Human Services		
<i>DYS Career Technical Education</i>		
The three-phase project renovates and expands Career Technical Education spaces at five commitment facilities operated by the Division of Youth Services (DYS). Phase I renovates 500 GSF, constructs a 10,000-GSF expansion, and relocates a fence at the Campus at Lookout Mountain.		
41 2023-003	CCF	\$3,239,873
Human Services		
<i>Visitation Centers at Three DYS Campuses</i>		
The project constructs new visitation centers at the campuses at Lookout Mountain, Mount View Youth Services Center, and Grand Mesa Youth Services Center. The project will create dedicated visitation spaces in a homelike setting for families that protect the confidentiality of youth and the safety of visitors.		

FY 2022-23 Capital Projects Not Recommended for Funding

Project Title	Fund Source	Amount	
42	2023-019	CCF CF	\$2,940,516 \$125,715
Western Colorado University			
<i>Leslie J. Savage Library (Capital Renewal)</i>			
The capital renewal project revitalizes the windows, mechanical controls, and boilers in the Savage Library. The university says all three systems pose a threat of failure, and replacement parts are difficult to acquire due to system obsolescence.			
43	2022-008	CCF	\$600,000
Pueblo Community College			
<i>Medical Technology Renovation</i>			
The project renovates about 5,400 GSF in the Medical Technology Building to accommodate the Cosmetology program. The Dental Hygiene program is vacating the space to be renovated to consolidate in the Health Sciences Building under a separate project, allowing Cosmetology to terminate a lease and occupy the space.			
44	2019-130	CCF	\$28,545,182
Human Services			
<i>Mental Health Institutes, Facility Modernization</i>			
The three-phase project replaces the hospitals at the Colorado Mental Health Institutes at Fort Logan and Pueblo in order to expand the number of inpatient psychiatric beds in the system. This year's request for Phase I covers the design phase of the project, accounting for 40 percent of professional services, including pre-design due diligence items. Phase II will fund the remainder of the design and cover some construction and demolition work. Phase III will fund the balance of construction through completion and occupancy. Due to the size of the request, the department recommends funding the construction process through the issuance of Certificates of Participation.			
45	2023-004	CCF	\$4,827,171
Human Services			
<i>Gilliam Youth Services Center Replacement and DYS Training Center</i>			
The Department of Human Services (DHS) is requesting state funds for the first phase of a three-phase project to replace the 117-year old Gilliam Youth Services Center in Denver and construct a new Division of Youth Services (DYS) Training Center. Phase I consists of 40 percent of design costs for the new youth services center, professional services associated with site acquisition, and all of the design and construction of the new training center.			
46	2017-052	CCF CF	\$18,758,534 \$189,480
Adams State University			
<i>Facility Services Center Replacement</i>			
The project constructs a new, 33,867-GSF facility to replace the Facility Services Center. It will address space and facility deficiencies facing Facility Services, which maintain the grounds, buildings, and vehicles owned by the university.			
47	2021-004	CCF	\$4,696,314
Corrections			
<i>Electronic Security System Replacement, Colorado State Penitentiary (Capital Renewal)</i>			
The project upgrades the electronic security control system and the man-down system at the Colorado State Penitentiary in Canon City. These systems control and restrict movement, monitor and maintain secure conditions, observe and prevent incidents, and provide communication throughout the facility. A man-down system detects distress incidents and sends an alert to a monitoring center.			

FY 2022-23 Capital Projects Not Recommended for Funding

Project Title	Fund Source	Amount
48 2020-010	CCF	\$3,520,144
Corrections		
<i>Electronic Security System Replacement, Arkansas Valley Correctional Facility (Capital Renewal)</i>		
The capital renewal project upgrades the door control and intercom systems at the Arkansas Valley Correctional Facility in Ordway. The department says failures and outages in these systems create security and life-safety risks for offenders, staff, and the public.		
49 2020-033	CCF	\$1,998,685
Colorado Community Colleges — Lowry		
<i>North Quad Remodel</i>		
The project renovates hallways, classrooms, and HVAC systems on the first floor of the North Quad Building. The project centralizes hallways, adapts classrooms for mixed-media, and upgrades mechanical and HVAC systems to meet code requirements.		
50 2006-160	CCF	\$18,200,336
Colorado State University		
<i>Anatomy/Zoology East Wing Revitalization (Capital Renewal)</i>		
The two-phase capital renewal project upgrades and replaces multiple systems in the 160,000-GSF Anatomy/Zoology Building on the Fort Collins campus. The project updates mechanical, electrical, and plumbing systems; installs a new roof; abates asbestos; and upgrades the fire sprinkler system.		
51 2023-025	CCF CF	\$38,026,716 \$4,272,189
Colorado Mesa University		
<i>Maverick Center Renovation and Expansion</i>		
The project renovates 10,790 GSF in the Maverick Center, and constructs a 72,000-GSF sports arena in the Maverick Center Complex. The project also constructs nine tennis courts and supporting buildings on the edge of campus for dual use between the university and Grand Junction High School. The project supports the university's athletics program, numerous health care- and fitness-related academic disciplines, and special events.		
52 2022-011	CCF	\$11,907,013
Colorado State University		
<i>ARDEC Infrastructure Improvements</i>		
The two-phase project makes infrastructure improvements to the Agricultural Research, Development, and Education Center (ARDEC) facility, an off-campus farm, working livestock, and horticulture field research facility north of Fort Collins. This year's request for Phase I performs design and stormwater management, increases water service, and makes site improvements. Phase II addresses wastewater and security.		
53 2022-007	CCF	\$2,225,500
Corrections		
<i>Support Building Roof Replacement, Denver Women's Correctional Facility Capital Renewal)</i>		
The capital renewal project replaces the roof on the Support Building at the Denver Women's Correctional Facility. The roof is at the end of its useful life and has developed leaks resulting in damage to finishes and equipment and disruption of programming, including the kitchen, according to the department.		

FY 2022-23 Capital Projects Not Recommended for Funding

Project Title	Fund Source	Amount
54 2022-004	CCF	\$14,764,340
Corrections		
<i>Electrical Distribution Infrastructure Replacement, East Canon City Prison Complex (Capital Renewal)</i>		
The capital renewal project replaces the East Canon City Prison Complex's electricity distribution infrastructure. The replacement system will have two power supply points that distribute electricity via an underground loop network, serving all critical facilities and offender housing units. The project further reconfigures the existing standby generators at the Centennial Correctional Facility to support the entire complex in the event of power loss at a primary supply point.		
55 2008-056	CCF CF	\$12,077,829 \$18,116,744
University of Colorado at Boulder		
<i>Guggenheim Geography Building Renovation</i>		
The project renovates the 22,908-GSF Guggenheim Geography Building with both capital renewal system upgrades and academic/programmatic improvements. The university says the project will revitalize an antiquated building and facilitate greater operational and energy efficiency.		
56 2013-024	CCF CF	\$22,842,301 \$2,566,265
Colorado Mesa University		
<i>Student Parking Garage</i>		
The project constructs a five-level, 818-space parking garage to alleviate a commuter student parking deficit that has been exacerbated by construction on former surface lots. All levels will be above grade and accessible through stairs and elevators. The new structure will be built on the site of an existing surface parking lot.		
57 2015-062	CCF	\$15,687,153
University of Colorado at Colorado Springs		
<i>Engineering Building Renovation</i>		
The two-phase project renovates the 74,019-GSF Engineering and Applied Sciences Building and constructs a 2,156-GSF addition to address building deficiencies and to improve classroom and research areas. The university says the project will improve energy efficiency, reallocate space to support additional research functions, and update finishes in existing research and teaching spaces.		
58 2020-037	CCF CF	\$21,029,766 \$2,362,633
Colorado Mesa University		
<i>Electrical and Computer Engineering Building</i>		
The project constructs a three-story, 38,481-GSF academic building to house its Electrical and Computer Engineering program and the Computer Science Department, and to provide space for growing engineering programs housed in the adjacent Confluence Hall. The new building will provide specialized learning space for several of the university's growing STEM programs, while freeing up vacated space for other growing disciplines.		
59 2023-008	CCF CF	\$8,349,469 \$12,524,204
University of Colorado at Boulder		
<i>Macky Auditorium Renovation</i>		
The three-phase project comprehensively renovates the 86,721-GSF Macky Auditorium. The university says the project will update an antiquated building to meet 21st century needs, address deferred maintenance, bring the building into code compliance, and increase space efficiency.		

FY 2022-23 Capital Projects Not Recommended for Funding

Project Title	Fund Source	Amount
<p>60 2015-008</p> <p>Colorado Mesa University <i>Energy Independence at CMU</i></p> <p>The project expands the campus-wide geo-exchange and solar panel systems for power generation. The geo-exchange system will provide a cleaner, more energy-efficient means of heating, cooling, and providing domestic hot water. The solar panel system installs 1.1 megawatts of rooftop solar panels, 2,000 kilowatt hours (kWh) of battery capacity, and a 500 kW two-way inverter/charger. This system will collect and store energy to be used during periods of peak demand, and will thereby allow CMU to avoid high-demand charges.</p>	<p>CCF CF</p>	<p>\$6,785,071 \$762,283</p>
<p>61 2015-061</p> <p>University of Colorado Denver <i>CU Denver Engineering Building</i></p> <p>The three-phase project constructs a 94,200-GSF, three-story academic building and renovates 5,000 GSF in the nearby North Classroom Building. The University of Colorado Denver says the project will allow for growth and consolidation of the College of Engineering, Design, and Computing and will address the needs of other institutions at the Auraria Higher Education Center via vacated space.</p>	<p>CCF CF</p>	<p>\$14,643,751 \$5,145,102</p>
<p>62 2023-006</p> <p>Metropolitan State University of Denver <i>Classroom 2 Career Hub</i></p> <p>The project renovates the west corner of the Tivoli Student Union, which consists of two historic buildings, the Warehouse and the Bottling House, to create a new, consolidated space for the university's Classroom to Career (C2) Hub. The project renovates 36,625 GSF in the two 19th century buildings and constructs a 1,300 GSF entryway, which replaces the existing exterior stair structure and encompasses the existing ramped entry into the Tivoli Student Union.</p>	<p>CCF CF</p>	<p>\$15,215,574 \$1,709,425</p>

<u>Total Request Amount</u>	<u>\$353,569,629</u>
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