

Rep. Daneya Esgar, Chair
Rep. Jon Becker
Rep. Chris Hansen

Sen. Randy Baumgardner, Vice-Chair
Sen. John Kefalas
Sen. Jerry Sonnenberg



Capital Development Committee

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



February 21, 2017

Senator Kent Lambert
Chair, Joint Budget Committee
200 East 14th Avenue, Third Floor
Denver, Colorado 80203

Dear Senator Lambert:

The Capital Development Committee (CDC) is pleased to forward its FY 2017-18 capital construction and controlled maintenance recommendation to the Joint Budget Committee (JBC) for inclusion in the 2017 Long Bill.

The CDC is recommending, in priority order, state funding for 75 projects, including the full list of projects included in Level 1 controlled maintenance and more than half of the projects included in Level 2 controlled maintenance. Recognizing that state-funded capital projects will be funded almost entirely through a General Fund transfer, the CDC prioritized projects to two funding lines. The first line funds projects recommended by, and included in, the Governor's Office of State Planning and Budgeting (OSPB) November 2016 budget submission to the General Assembly. The second line fully funds the CDC list, which prioritizes funding up to 1.0 percent of the current replacement value of the state's inventory of General Fund supported and academic buildings, or about \$120.8 million. The CDC requests that the JBC fund these projects in priority order. If, during its deliberations, the JBC considers partially funding any of the state-funded projects included in the CDC recommendation, the CDC requests that the two committees meet to discuss how project funding could be split over multiple fiscal years.

The CDC is also recommending cash funds spending authority for nine projects and is recommending three projects to be financed through a future issuance of certificates of participation (COPs). 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.

State-Funded Recommendation

The CDC is recommending state funding for 75 projects — 8 state department capital construction projects, 3 higher education capital construction projects, 36 Level 1 controlled maintenance projects, and 28 Level 2 controlled maintenance projects. The projects total 120.9 million for FY 2017-18 and \$35.3 million for FY 2018-19, as shown in Figure 1. A General Fund transfer of \$114.8 million is necessary to fully fund the CDC's recommendation for FY 2017-18 (see Figure 3).

**Figure 1
 Summary of FY 2017-18 State-Funded Recommendation
 With Subsequent Year Impact**

Fiscal Year	Total Cost	Capital Construction Fund (CCF)	Cash Funds (CF)
2017-18	\$120,943,322	\$118,149,889	\$2,793,433
2018-19	\$35,265,812	\$28,674,019	\$6,591,793

Figure 2 summarizes the FY 2017-18 state-funded recommendations by category and source of funding.

**Figure 2
 Summary of FY 2017-18 State-Funded Recommendations
 (in millions)**

Project Type	# of Requests	Total Amount	State Funds	Cash Funds
Controlled Maintenance				
<i>Level 1</i>	36	\$31.3	\$30.8	\$0.5
<i>Level 2 (through score 15 projects)</i>	28	\$23.4	\$23.1	\$0.3
Capital Construction				
<i>All other capital requests</i>	11	\$66.3	\$64.2	\$2.1
Total	75	\$120.9	\$118.1	\$2.8

During its deliberations about capital project funding, the CDC referenced the prioritized funding recommendations made by OSPB. The CDC made some minor adjustments to the OSPB priority order, but concurred with its overall recommendation. In addition to the projects recommended for funding by OSPB, the CDC also recommends funding the remaining Level 1

controlled maintenance request, two additional capital construction projects, and more than half of the Level 2 controlled maintenance request.

Explanation of CDC state-funded recommendation. While OSPB recommended as its first priority partial funding of Level 1 controlled maintenance (\$20.0 million for 21 projects), the CDC recommends funding all of Level 1 controlled maintenance as its first priority, or \$30.8 million for 36 projects. This recommendation reflects the CDC's commitment to funding deferred maintenance for capital infrastructure. The CDC is also recommending partial funding for Level 2 controlled maintenance (through score 15, 28 projects). The CDC strongly supports continuing to explore ways to fund controlled maintenance on a consistent annual basis.

The CDC and JBC discussed this issue extensively at its February 7 meeting, with a JBC-staff proposal to commit a certain amount of state funding annually to capital projects that are predominantly renovation or maintenance in nature creating a platform for the discussion. The proposal envisioned appropriating an amount equal to 1 percent of the current replacement value (CRV) of the state's General Fund supported or academic building inventory to renovation or maintenance. The CRV of state buildings is based on the insured value identified by the Office of Risk Management within the Department of Personnel and Administration. This information is reported to the CDC annually by the Office of the State Architect. The full CRV reported in December 2016 is \$12.1 billion. Based on industry standards, the State Architect recommends, through controlled maintenance, that a minimum of 1 percent of the CRV, or \$120.8 million annually, be spent to maintain the state's facilities. The CDC used this figure as a benchmark for its total FY 2017-18 state-funded recommendation of \$118.3 million. The committee notes that most of the projects in this recommendation are renovation projects, controlled maintenance, or capital renewal.

Information about specific funding recommendations is detailed below:

The CDC recommends funding the Public Safety Communications Network Microwave Infrastructure Replacement, Office of Information Technology project. The committee recommendation is \$0.9 million less than the amount originally requested for funding. This amount was excluded from the recommendation because CDC staff determined that it pays for operating costs. The Office of Information Technology has submitted a FY 2017-18 budget amendment to the JBC to pay these costs.

The committee includes in its recommendation one project prioritized by OSPB for funding as a regular supplemental request. This project, the Paul Wright Gymnasium Steam Heating System Replacement project on the Western State Colorado University campus, was recommended to the CDC to be funded primarily through cost savings realized from a completed capital project funded with state dollars in FY 2014-15. Rather than recommending approval of the supplemental request, the CDC elected to include the project in the list of projects under consideration for funding in FY 2017-18. The cost of this project is not reflected in Figure 1 or Figure 2 because the committee recommends paying the costs from the savings from the FY 2014-15 project.

The committee discussed splitting the costs for the Adams County Youth Services Center Replacement, Department of Human Services project over two fiscal years. The project is in its third and final phase, and the department stated that the scope and size of the facility does not allow for any further phasing of the project. However, if the JBC determines that partial funding

for this project is necessary given this year's budget constraints, the CDC would like to discuss how project funding could be split over two fiscal years with the JBC.

The committee includes in its recommendation two projects that were not prioritized by OSPB for funding: the Grand Junction One-Stop Remodel, Department of Military and Veterans Affairs (DMVA) project and the Psychology Building Renovation and Addition, Colorado State University (CSU) — Pueblo project. The DMVA project is included in the CDC recommendation because it addresses a need for veteran services on the Western Slope and because it repurposes an existing state-owned facility. The CSU Pueblo project is included in the CDC recommendation because it has the longest history of funding requests of any project requested for FY 2017-18 (eight years) and because it was the top CSU system priority. The project was requested for a single year of funding, but upon request of the CDC, CSU Pueblo provided a phased approach to funding (see Attachment A). The CDC recommendation funds phase 1 of 2 for FY 2017-18.

Sources of revenue. The available revenue for capital construction, as identified by Legislative Council Staff, totals \$7.2 million from the sources listed in Figure 3. To make up the difference between the CDC's state-funded recommendation (\$121.9 million) and the identified available revenue, the CDC is recommending a General Fund transfer to the Capital Construction Fund of \$114.8 million. Please note that this suggested transfer amount could include statutory transfers under Senate Bill 09-228. The December 2016 Legislative Council Staff forecast estimated the FY 2017-18 transfer for capital construction at \$55.0 million.

For reference, OSPB recommended a General Fund transfer of \$71.5 million to fund its FY 2017-18 priority recommendation for capital construction and controlled maintenance.

**Figure 3
 Proposed Revenue for FY 2017-18 State-Funded Projects**

Amount	Source
\$871,247	Capital Construction Fund balance as of July 1, 2016 (less supplemental appropriations included in Senate Bill 17-172)
2,150,000	Capital Construction Fund projected FY 2016-17 interest earnings
1,000,000	Cost savings from a FY 2014-15 appropriation for the Quigley Hall Renovation project (WSCU)
350,000	Controlled Maintenance Trust Fund FY 2016-17 interest earnings through December 2016
2,793,433	Cash match for various recommended projects
\$7,164,680	Subtotal
121,943,322	Cost of state-funded projects
\$114,778,642	General Fund transfer required

Cash and COP-Financed Project Recommendation

The CDC is recommending cash funds spending authority for nine projects. The projects total \$51.0 million for FY 2017-18. Detail about the source of cash funds for each of these projects is shown in Attachment B. The CDC recommendation only includes state department projects because higher education cash-funded projects are reviewed under a separate process by the CDC.

The Restore Windows and Granite Exterior, State Capitol Building project is recommended for funding as a controlled maintenance project from the State Historical Fund. The CDC recommends a transfer from the State Historical Fund to the Capital Construction Fund on October 1, 2017, to pay the project costs. Although the project is prioritized as a cash-funded request, the corresponding appropriation on behalf of the project should be made from the CCF.

The CDC is also recommending three projects to be financed through COPs issued pursuant to House Bill 15-1344. HB 15-1344 authorized the issuance of one or more lease-purchase agreements to finance the construction of facilities affiliated with the National Western Center on behalf of Colorado State University. The bill required that the projects be prioritized and recommended for funding through the regular capital budget process. Attachment C is a letter from the CDC to the State Treasurer's Office confirming its support for the COP issuance on behalf of these projects.

Technical details about various cash projects. CDC staff will provide JBC staff with cash fund information to include in the Long Bill letter notes.

Attachments

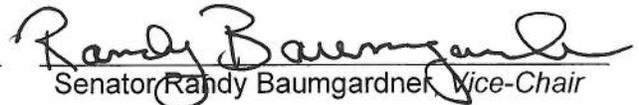
Six documents are attached for your reference. Attachments A, B, and C were described in the body of the letter. Attachments D, E, and F are described below.

- Attachment D lists the CDC's capital recommendations in priority order. There are three separate tables in the attachment: state-funded requests, National Western Center certificates of participation projects, and cash-funded requests. Attachment D also reflects the OSPB recommended priority order.
- Attachment E lists the CDC's capital recommendations in priority order, with descriptions of each project and FY 2017-18 costs. Attachment E also shows funding requested from all cash and federal sources.
- Attachment F lists the projects included in Level 1 and Level 2 controlled maintenance (listed in order of score/need), including descriptions of each project and FY 2017-18 costs.

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 Kori Donaldson or Matt Becker, Legislative Council Staff, at 303-866-4976.

Sincerely,


Representative Daneya Esgar, *Chair*


Senator Randy Baumgardner, *Vice-Chair*


Representative Jon Becker


Senator John Kefalas


Representative Chris Hansen


Senator Jerry Sonnenberg

- c: Capital Development Committee Members
- Joint Budget Committee Members
- Capital Development Committee Staff
- Larry Friedberg, Office of the State Architect
- Erick Scheminske, Office of State Planning and Budgeting
- Catherine Olukotun, Department of Higher Education
- John Ziegler, Joint Budget Committee Staff
- Alfredo Kemm, Joint Budget Committee Staff



Colorado State University – Pueblo: Psychology Building Request (Phase I & Phase II)

Background. For the 2017 legislative session, CSU-Pueblo submitted a \$16.8 million request (capital construction fund) to expand and renovate the Psychology Building on the CSU-Pueblo campus. CSU-Pueblo has requested funding for this project for a number of years; due to funding shortfalls and competing legislative priorities, this project has not been previously funded. CSU-Pueblo has received a request from the Capital Development Committee (CDC) to propose a modified budget request for the project to be completed in two phases. This document delineates a viable scenario to phase funding over two years with no additional costs.

Phased Project. The project has two main components: (a) a 16,000 square foot expansion; and (b) renovation of existing space within the building. The revised proposal would fund the expansion in Phase 1 at a cost of \$10.6 million. Phase II (the renovation of the existing building) could be completed at a cost of \$6.2 million, if funded in the 2018 legislative session. If there were a delay in funding, Phase II costs would likely escalate.

Revised Budget. Phasing the project over two legislative cycles will not increase the overall cost of the project.

	Phase I Bldg. Addition 2017 Session	Phase II Renovation 2018 Session	Total
Professional Services	\$2,105,219	\$240,142	\$2,345,361
Construction Improvements	7,150,310	5,134,202	12,284,512
Equipment and Furnishings	525,193	265,493	790,686
Miscellaneous (Art-In-Public Places & Relocation)	524,000	122,845	646,845
Project Contingency	<u>297,674</u>	<u>450,673</u>	<u>748,347</u>
Total	\$10,602,396	\$6,213,355	\$16,815,751

The costs delineated for Phase I of the project will include the following: (a) \$597,807 for asbestos design and abatement for the renovation of the existing building; and (b) \$250,000 for relocation expenses. These expenses could be moved to Phase II without adversely affecting the project.

**FY 2017-18 Cash-Funded Capital Requests:
Additional Information about Cash Funds**

Agency	Project Title	Request Amount -- CF	Source of Cash Funds	Disposition of Funds if Cash Funds Spending Authority is Not Granted for FY 2017-18
Agriculture	Department Office Consolidation (Phase II)	\$6,309,078	Agriculture Management Fund: the fund accrues revenue from 65 percent of the interest earned on the Unclaimed Property Tourism Promotion Trust Fund. Additionally, the proceeds from the sale of the department's laboratory buildings may also be deposited in the fund.	The dollar amount shown in the budget request anticipates the future sale of the Inspection and Consumer Services Building. If no spending authority is granted for FY 2017-18, the building will not be sold and much of the amount shown will not be earned or deposited to the fund. Some of the remaining moneys could be spent on operating costs.
		400,000	Inspection and Consumer Services (ICS) Cash Fund: The fund accrues revenue from fees, fine, and penalties associated with inspections and testing conducted by the ICS division.	If no spending authority is granted for FY 2017-18, the moneys will remain in the fund.
		10,000,000	Marijuana Cash Fund: the fund accrues from moneys collected by the Marijuana Enforcement Division from business licensing and application fees.	The fund is used to pay operating costs for the Marijuana Enforcement Division within the Department of Revenue. If no moneys are reappropriated to the Department of Agriculture for this project, the use of these moneys will most likely be reprioritized by the department and the Governor's Office.
<i>Total: Agriculture</i>		<i>\$16,709,078</i>		
Corrections	Correctional Industries — Miscellaneous Small Projects	660,000	Revenues earned by Correctional Industries	If a capital line item is not approved for FY 2017-18, the moneys will be used for other purposes within CCI. According to the department, there is no CCI capital construction cash fund awaiting CDC approval to spend. Spending authority in the capital budget allows CCI to complete large projects (over \$500,000) -- if the accompanying revenue is earned -- and allows spending on the projects to cross fiscal years.
<i>Total: Corrections</i>		<i>\$660,000</i>		
History Colorado	Regional Museum Preservation Projects	600,000	Limited Gaming Revenue	If no spending authority is granted for FY 2017-18, the moneys will remain in the fund. Some of the remaining moneys could be spent on operating costs.
		100,000	Revenues earned by the operation of the Georgetown Loop Railroad	If no spending authority is granted for FY 2017-18, the moneys will not be transferred to History Colorado. The moneys could be spent by the operator on other railroad costs.
<i>Total: History Colorado</i>		<i>\$700,000</i>		
Human Services	Regional Center Capital Improvements	1,002,925	Regional Center Depreciation Fund Subaccount: The fund consists of all moneys received by the Department of Health Care Policy and Financing from the federal government for the annual calculated depreciation of the state's regional centers.	If no spending authority is granted for FY 2017-18, the moneys will remain in the fund.
<i>Total: Human Services</i>		<i>\$1,002,925</i>		

**FY 2017-18 Cash-Funded Capital Requests:
Additional Information about Cash Funds (Cont.)**

Agency	Project Title	Request Amount -- CF	Source of Cash Funds	Disposition of Funds if Cash Funds Spending Authority is Not Granted for FY 2017-18	
Natural Resources	Land and Water Acquisitions, Wildlife Areas	\$5,500,000	Wildlife Cash Fund: the fund accrues revenue through the sale of licenses, including hunting and fishing licenses and the Habitat Stamp.	If no spending authority is granted for FY 2017-18, the moneys will remain in the fund.	
		3,800,000	GOCO	This fund source is shown for informational purposes only. If spending authority is not granted for FY 2017-18, the moneys may be reallocated for other purposes by the GOCO Board.	
	Park Infrastructure and Facilities	7,534,085	GOCO	This fund source is shown for informational purposes only.	
		8,773,115	Lottery	This fund source is shown for informational purposes only.	
		300,000	HUTF	This fund source is shown for informational purposes only. If spending authority is not granted for FY 2017-18, the moneys may be reallocated for other purposes by CDOT.	
	Infrastructure and Real Property Maintenance, Wildlife Areas	3,633,200	Wildlife Cash Fund	If this request is not approved, the funds will remain in the Wildlife Cash Fund.	
	Land and Water Acquisitions, State Parks	1,160,000	GOCO	This fund source is shown for informational purposes only. If spending authority is not granted for FY 2017-18, the moneys may be reallocated for other purposes by the GOCO Board.	
		240,000	Lottery	This fund source is shown for informational purposes only.	
	<i>Total: Natural Resources</i>		\$30,940,400		
	Personnel and Administration	Restore Windows and Granite Exterior, State Capitol Building	1,000,000	State Historical Fund	An appropriation is required to spend State Historical Fund moneys. If no appropriation is made, the funds will remain with History Colorado and will be spent on local grants for historic preservation projects.
<i>Total: Personnel and Administration</i>		\$1,000,000			
Grand Total		\$51,012,403			

Rep. Daneya Esgar, Chair
Rep. Jon Becker
Rep. Chris Hansen

Sen. Randy Baumgardner, Vice-Chair
Sen. John Kefalas
Sen. Jerry Sonnenberg



Capital Development Committee

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



February 21, 2017

Walker Stapleton
State Treasurer
200 East Colfax Avenue
Denver, Colorado 80203

Dear Mr. Stapleton:

With respect to the issuance of certificates of participation (COPs) for three facilities on the Colorado State University (CSU) campus, the Capital Development Committee (CDC) is writing to confirm its support for the issuance before July 1, 2019.

Section 23-31-903 (1)(a), C.R.S., as enacted in House Bill 15-1344, specifies that the State Treasurer may execute one or more lease-purchase agreements to finance the construction of facilities affiliated with the National Western Center at the CSU Fort Collins campus. Section 23-31-903 (1)(c), C.R.S. requires CSU to seek the approval of the projects through the normal approval process for capital construction. Once the projects are prioritized and recommended for funding by both the CDC and the Joint Budget Committee, CSU will have met those requirements. The legislative declaration in Section 23-31-901 (2)(i), C.R.S., states:

"[I]t is in the best interests of the state to accelerate the development of the Colorado State University educational facilities resulting in the following economic benefits to the state: (I) The state will realize the economic impact of the national western center sooner; (II) Overall facility costs will be reduced if design and construction is started sooner; and (III) Overall facility costs will also be reduced by taking advantage of historically low interest rates that are currently available."

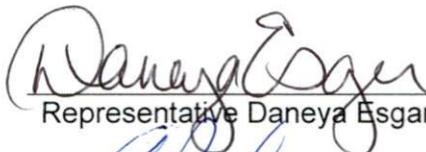
There is concern that Section 23-31-902 (3), C.R.S., prohibits the State Treasurer from issuing COPs before July 1, 2019. However, considering HB 15-1344 in its entirety and the legislative declaration in particular, the CDC understands Section 23-31-903 (3), C.R.S., to mean that the State Treasurer is prohibited from transferring General Fund money, for lease-purchase agreement payments, to the National Western Center Trust Fund before July 1, 2019.

Walker Stapleton
February 21, 2017
Page 2

Therefore, the CDC finds that the General Assembly intended to grant the State Treasurer the authority to issue COPs before July 1, 2019, so long as no General Fund money is requested for annual lease payments before that date.

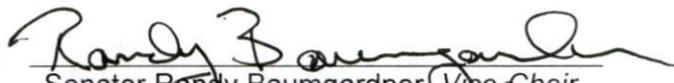
If you have any questions or concerns about the CDC's recommendations, please call Kori Donaldson, Legislative Council Staff, at 303-866-4976.

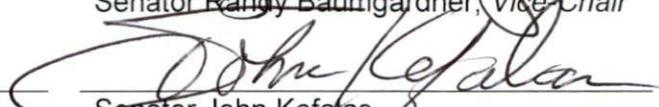
Sincerely,


Representative Daneya Esgar, *Chair*


Representative Jon Becker


Representative Chris Hansen


Senator Randy Baumgardner, *Vice Chair*


Senator John Kefauver


Senator Jerry Sonnenberg

- c: Capital Development Committee Members
- Colorado Commission on Higher Education Members
- Capital Development Committee Staff
- Catherine Olukotun, Department of Higher Education
- Lynn Johnson, Colorado State University
- Rich Schweigert, Colorado State University
- Erick Scheminske, Office of State Planning and Budgeting
- Alexis Senger, Office of State Planning and Budgeting
- Larry Friedberg, Office of the State Architect
- Alfredo Kemm, Joint Budget Committee Staff

FY 2017-18 State-Funded Capital Budget Requests

Listed in CDC Priority Order

CDC Priority	OSPB Priority*	Agency	Project Title	Request Amount -- CCF	Cumulative CCF Cost	Request Amount -- CF	Number of (Unfunded) Prior Year Requests	FY 2018-19 CCF Cost
1	1	Personnel and Administration	Level I Controlled Maintenance (36 projects)	\$30,791,965	\$30,791,965	\$465,265	N/A	\$0
2	2	Human Services	Facility Refurbishment for Safety, Risk Mitigation, and Modernization, DYC	5,517,550	36,309,515	0	N/A	5,552,500
3	4	Office of Information Technology	Public Safety Communications Network Microwave Infrastructure Replacement	10,316,372	46,625,887	0	N/A	10,316,372
4	8	Human Services	Hawkins Building L2 Unit, Colorado Mental Health Institute at Pueblo	5,420,468	52,046,355	0	0	0
5	9	Public Safety	King Air Aircraft Engine Replacement, Colorado State Patrol	1,535,030	53,581,385	0	0	0
6	6	Colorado School of Mines	Green Center Roof Replacement (Capital Renewal)	1,908,207	55,489,592	1,908,208	0	6,591,792
7	13	Western State Colorado University	Paul Wright Gymnasium Steam Heating System Replacement**	1,000,000	55,489,592	148,750	0	0
8	7	Personnel and Administration	Replace/Restore Roof, State Capitol Building	6,069,053	61,558,645	0	N/A	0
9	5	Corrections	Hot Water Loop Replacement, Limon Correctional Facility (Capital Renewal)	4,488,518	66,047,163	0	1	0
10	3	Human Services	Adams County Youth Services Center Replacement	14,845,503	80,892,666	0	N/A	0
Subtotal based on OSPB prioritized recommendation					\$80,892,666	\$2,522,223		\$22,460,664
11	21	Military and Veterans Affairs	Grand Junction Veterans One-Stop Remodel	3,509,650	84,402,316	0	1	0
12	33	CSU -- Pueblo	Psychology Building Renovation and Addition	10,602,396	95,004,712	0	8	6,213,355
13	NP	Personnel and Administration	Controlled Maintenance Level II (through score 15, 28 projects)	23,145,177	118,149,889	271,210	N/A	0
Total CDC recommendation based on 1.0 percent of CRV (\$120.8 million)					\$118,149,889	\$2,793,433		\$28,674,019
14	NP	Personnel and Administration	Controlled Maintenance Level II (scores 16 through 20, 19 projects)	12,983,851	131,133,740	366,940	N/A	No
15	14	Human Services	Replace Deteriorated Campus Infrastructure System, CMHIFL (Capital Renewal)	8,542,390	139,676,130	0	1	Yes
16	15	Human Services	Upgrade Campus Utility Infrastructure, CMHIP (Capital Renewal)	29,135,975	168,812,105	0	2	No
17	18	Front Range Community College	Health Care Career Center	23,387,740	192,199,845	8,552,190	3	No
18	19	CU Denver (Anschutz Campus)	Colorado Center for Personalized Medicine Building	23,832,606	216,032,451	32,270,515	3	Yes
19	20	CU Boulder	Aerospace Engineering Sciences Building	23,456,347	239,488,798	51,440,353	7	No
20	22	Human Services	Program and Facility Master Planning, Division of Youth Corrections	616,249	240,105,047	0	0	No
21	23	Human Services	Program and Master Planning, Department-wide	1,109,466	241,214,513	0	1	Yes
22	24	Colorado Mesa University	Performing Arts Expansion and Renovation	7,962,041	249,176,554	787,456	2	No
23	25	Auraria Higher Education Center	King Center Renovation and Addition	43,327,307	292,503,861	440,000	1	No
24	26	Pikes Peak Community College	Student Learning Commons and Theater, Downtown Studio Campus	4,847,735	297,351,596	1,703,260	3	No
25	27	CU Denver (Auraria Campus)	Engineering and Physical Sciences Building	47,218,364	344,569,960	15,739,454	1	No
26	28	Colorado State University	Shepardson Building Renovation and Expansion	4,527,223	349,097,183	0	7	Yes
27	29	University of Northern Colorado	Replace Heating Plant Boiler #3 (Capital Renewal)	3,329,505	352,426,688	0	3	No
28	30	Colorado Mesa University	Electric Lineworker Building	2,923,361	355,350,049	289,125	0	No
29	31	Adams State University	Plachy Hall HVAC Upgrade and Replacement (Capital Renewal)	4,470,884	359,820,933	0	1	No
30	32	Western State Colorado University	Savage Library Renovation	10,663,516	370,484,449	200,000	2	No
31	34	Fort Lewis College	Whalen Gymnasium Expansion and Renovation for Exercise Science, South	2,885,963	373,370,412	320,662	0	Yes
32	35	Colorado Mesa University	Trigeneration (Combined Cooling, Heating, and Power System)	6,325,932	379,696,344	625,643	3	No
33	36	University of Northern Colorado	Gray Hall Mechanical Systems Improvements (Capital Renewal)	3,160,332	382,856,676	0	0	No
34	37	Colorado Mesa University	Marching Band Storage Building	526,258	383,382,934	52,048	0	No
35	38	Otero Junior College	Agriculture Science Program Remodel	1,393,800	384,776,734	0	3	No
36	39	CU Boulder	Hellems Arts and Sciences Building (Capital Renewal)	30,000,000	414,776,734	0	5	No
37	40	CU Colorado Springs	Engineering and Applied Science (EAS) Renovation	7,929,559	422,706,293	0	1	Yes

FY 2017-18 State-Funded Capital Budget Requests (Cont.)

Listed in CDC Priority Order

CDC Priority	OSPB Priority	Agency	Project Title	Request Amount -- CCF	Cumulative CCF Cost	Request Amount -- CF	Number of (Unfunded) Prior Year Requests	FY 2018-19 CCF Cost
38	41	Community College of Denver	Boulder Creek Building	\$22,175,336	\$444,881,629	\$1,415,447	0	No
39	42	Colorado State University	Anatomy/Zoology East Wing Revitalization (Capital Renewal)	15,032,883	459,914,512	0	3	No
40	43	Pueblo Community College	Weld Shop Renovation	1,349,041	461,263,553	0	0	No
41	44	Colorado State University	Chemistry B and C Wing Renovation (Capital Renewal)	23,763,000	485,026,553	0	0	No
42	45	Lamar Community College	Vocational Trades Building	1,996,733	487,023,286	0	1	No
43	NP	Personnel and Administration	Controlled Maintenance Level III	23,140,713	515,885,840	0	N/A	No
44	NP	Transportation	I-70 Glenwood Canyon Rockfall Fence Improvements	1,408,711	488,431,997	0	0	No
45	NP	Transportation	Automated I-70 Avalanche Reduction System	2,313,130	490,745,127	50,000	1	No
46	NP	Transportation	US 550 Bondad Hill Rockfall Mitigation	2,000,000	492,745,127	1,227,524	0	No
Total				\$516,885,840	\$515,885,840	\$118,274,050		

*The OSPB priority order was renumbered to show the priorities in consecutive order after removing projects that were withdrawn from consideration or considered by the Joint Technology Committee.

**The appropriation for this project is not shown in the cumulative total because it is recommended for funding from cost savings from a FY 2014-15 appropriation.

FY 2017-18 National Western Center Certificates of Participation (COP) Projects

CDC Priority	OSPB Priority	Agency	Project Title	Principal Amount	Outyear Cost?
Yes	10	Colorado State University	Institute for Biological and Translational Therapies Building	\$84,800,000	Yes
Yes	11	Colorado State University	Health Education Outreach Center	23,300,000	Yes
Yes	12	Colorado State University	Equine Veterinary Teaching Hospital	65,258,627	Yes
Total				\$173,358,627	

FY 2017-18 Cash-Funded Capital Budget Requests

CDC Priority	OSPB Priority	Agency	Project Title	Request Amount -- CCF	Request Amount -- CF	Request Amount -- RF	Outyear Cost?
Yes	NP	Agriculture	Department Office Consolidation (Phase II)	\$0	\$6,709,078	\$10,000,000	No
Yes	NP	Corrections	Correctional Industries — Miscellaneous Small Projects	0	660,000	0	Yes
Yes	NP	History Colorado	Regional Museum Preservation Projects	0	700,000	0	Yes
Yes	NP	Human Services	Regional Center Capital Improvements	0	1,002,925	0	Yes
Yes	NP	Natural Resources	Land and Water Acquisitions, Wildlife Areas	0	9,300,000	0	Yes
Yes	NP	Natural Resources	Park Infrastructure and Facilities	0	16,607,200	0	Yes
Yes	NP	Natural Resources	Infrastructure and Real Property Maintenance, Wildlife Areas	0	3,633,200	0	Yes
Yes	NP	Natural Resources	Land and Water Acquisitions, State Parks	0	1,400,000	0	Yes
Yes	NP	Personnel and Administration	Restore Windows and Granite Exterior, Capitol Building (Controlled Maintenance)	0	1,000,000	0	Yes
Total				\$0	\$41,012,403	\$10,000,000	

NP: Not Prioritized

Yes: Recommended for funding

FY 2017-18 Capital Development Committee Funding Recommendation

Listed in CDC Priority Order

State-Funded Projects Recommended for Funding

Priority	Project Title	Fund Source	Amount
1	Controlled Maintenance	CCF FF	\$30,791,965 \$465,265
	<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. The FY 2017-18 Level 1 list includes funding for 36 projects, including 24 higher education institution projects and 12 state department projects.		
2	Human Services	CCF	\$5,517,550
	<i>Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections</i>		
	The six-phase project addresses safety and self-harm risks in 12 Division of Youth Corrections facilities. This year's request for Phase IV addresses repairs in three facilities: Lookout Mountain, Pueblo, and Zebulon Pike.		
3	Office of Information Technology	CCF	\$10,316,372
	<i>Public Safety Communications Network Microwave Infrastructure Replacement</i>		
	The multi-year project replaces the statewide microwave public safety communications system with a system that creates more communication safeguards through redundancies. The microwave system provides connectivity between the Digital Trunked Radio System (DTRS) transmitter sites. The request addresses all of the equipment associated with the operation of the microwave transmitter system. The project is financed through a lease-purchase agreement and includes out-year equipment upgrades. The project replaces equipment region by region. This year's request replaces sites in the Denver Metro area (Ring 5, 6 backbone sites).		
4	Human Services	CCF	\$5,420,468
	<i>Hawkins Building L2 Unit, Colorado Mental Health Institute at Pueblo</i>		
	The project constructs a 11,475 square foot addition to the Hawkins Building, formerly known as the High Security Forensics Institute, on the CMHIP campus. The addition adds a 24-bed wing to the building in order to increase the department's capacity to treat pretrial detainees and to relocate the patients housed on the E2DW unit.		
5	Public Safety	CCF	\$1,535,030
	<i>King Air Aircraft Engine Replacement, Colorado State Patrol</i>		
	The project overhauls or replaces the engines on the Colorado State Patrol King Air aircraft, and performs associated inspections and equipment replacements to maintain the aircraft's airworthiness under federal aviation regulations. The twin-engine aircraft is used for transport of officials from the Governor's Office and other agencies. Failure to conduct the inspections and systems overhaul will result in the grounding of the aircraft.		
6	Colorado School of Mines	CCF CF	\$1,908,207 \$1,908,208
	<i>Green Center Roof Replacement (Capital Renewal)</i>		
	The two-phase project makes improvements to the two-story, 158,000-GSF Green Center to replace the roof, abate asbestos, and upgrade mechanical systems. This is a capital renewal request.		

State-Funded Projects Recommended for Funding

Priority	Project Title	Fund Source	Amount
7	Western State Colorado University	CCF CF	\$1,000,000 \$148,750
	<i>Paul Wright Gymnasium Steam Heating System Replacement</i>		
	The project replaces the heating system in the 84,521-square-foot Paul Wright Gymnasium. The existing heating system was damaged by exposure to salt contamination from the pool heating system. The project converts the steam heating system to a hydronic heat delivery system and installs new boilers, piping, cabinet unit heaters, and controls.		
8	Personnel and Administration	CCF	\$6,069,053
	<i>Replace/Restore Roof, State Capitol Building</i>		
	The three-phase project repairs portions of the State Capitol roof and its associated infrastructure. This year's request for Phase III finishes abating asbestos-containing materials, completes roof repairs and skylight restoration, and relines the gutters.		
9	Corrections	CCF	\$4,488,518
	<i>Hot Water Loop Replacement, Limon Correctional Facility (Capital Renewal)</i>		
	The capital renewal project repairs or replaces numerous components of the hot water loop system delivering heat and hot water to the Limon Correctional Facility from a plant located outside the facility. The department says system components are failing, resulting in leaks, which requires shutdown of the system and subsequent loss of hot water and heat in the facility for extended periods.		
10	Human Services	CCF	\$14,845,503
	<i>Adams County Youth Services Center Replacement</i>		
	The three-phase project designs, constructs, and equips a 40-bed, 38,577-square-foot youth detention facility. The facility will replace the existing 13,788-square-foot Adams County Youth Services Center in Brighton. This year's request for Phase III constructs and equips the new facility. Phase I designed the project. Phase II constructed offsite infrastructure.		
11	Military and Veterans Affairs	CCF	\$3,509,650
	<i>Grand Junction Veterans One-Stop Remodel</i>		
	The project renovates 14,545 GSF in the vacant Grand Junction Army National Guard Armory to allow the department and the facility to host several veterans service providers offering services to Western Slope veterans in a single location. The department plans to lease space in the renovated facility to these providers to cover some of its operating costs.		
12	Colorado State University — Pueblo	CCF	\$10,602,396
	<i>Psychology Building Renovation and Addition</i>		
	The two-phase project renovates 45,987 GSF and constructs a 26,460-GSF addition to the Psychology Building at CSU-Pueblo. The project aims to upgrade the building to comply with current building codes, support new technology, and increase usable space. The university says poor building conditions no longer support current programs effectively, and the building will not support predicted enrollment growth. This year's request for Phase I constructs the addition. Phase II will renovate the existing building.		
13	Controlled Maintenance	CCF FF	\$23,145,177 \$271,210
	<i>Controlled Maintenance Projects — Level 2 (score 12 through score 15, 28 projects)</i>		
	Level 2 controlled maintenance projects make repairs to state facilities and address potential program disruption. There are 47 projects in this category. This request funds the first 28 Level 2 projects, including 18 higher education institution projects and 10 state department projects.		

Cash-Funded and COP-Financed Projects Recommended for Funding

Priority	Project Title	Fund Source	Amount
Cash/COP	Agriculture	CF	\$6,709,078
		RF	\$10,000,000
<i>Department Office Consolidation (Phase II)</i>			
<p>The project constructs a 25,166-GSF storage and lab facility adjacent to the Colorado Department of Agriculture headquarters building in Broomfield in order to relocate warehouse storage, and the biochemistry, Rocky Mountain Animal Health, and metrology laboratories. The project also finishes office space in the headquarters building for lab employees. The new facility will complete the consolidation of the department's metro area offices, which began with the purchase and renovation of the Broomfield headquarters building in 2014.</p>			
Cash/COP	Colorado Historical Society (History Colorado)	CF	\$700,000
<i>Regional Museum Preservation Projects</i>			
<p>The project addresses a number of historic preservation issues at the state's regional museums. Specifically, the project repairs, restores, and upgrades historic sites and museums around Colorado. This is an annual request to preserve regional museums and support the business operations of History Colorado.</p>			
Cash/COP	Colorado State University	CCF	\$21,200,000
		CF	\$44,058,627
<i>Equine Veterinary Teaching Hospital (National Western Center COP)</i>			
<p>The project constructs a one- to two-story, 180,000-GSF building on the south (Veterinary Medicine) campus in order to replace the aging equine hospital facilities at the Voss Veterinary Teaching Hospital. The new building will house the following equine medicine programs and functions: sports medicine, rehabilitation, surgery, imaging, critical care, and internal medicine. The project costs will be financed through a future issuance of certificates of participation (COPs.) The COP issuance was authorized by House Bill 15-1344, which concerned funding for the National Western Center and Capitol Complex projects.</p>			
Cash/COP	Colorado State University	CCF	\$22,300,000
		CF	\$1,000,000
<i>Health Education Outreach Center (National Western Center COP)</i>			
<p>The project constructs a four-story, 39,600-GSF addition to the Anatomy/Zoology Building on the main campus. The addition will include student study areas, a gross anatomy lab, a neuro anatomy lab, office space for an outreach coordinator, and other support spaces such as computer labs, storage, and coolers. The project costs will be financed through a future issuance of certificates of participation (COPs.) The COP issuance was authorized by House Bill 15-1344, which concerned funding for the National Western Center and Capitol Complex projects.</p>			
Cash/COP	Colorado State University	CCF	\$6,500,000
		CF	\$78,300,000
<i>Institute for Biological and Translational Therapies (National Western Center COP)</i>			
<p>The project constructs a three-story, 116,194-GSF research and teaching facility on the south (Veterinary Medicine) campus for the College of Veterinary Medicine and Biomedical Sciences. The college will use the facility to research translational therapies to improve the health of animals and people. The project costs will be financed through a future issuance of certificates of participation (COPs.) The COP issuance was authorized by House Bill 15-1344, which concerned funding for the National Western Center and Capitol Complex projects.</p>			
Cash/COP	Corrections	CF	\$660,000
<i>Correctional Industries – Miscellaneous Small Projects</i>			
<p>The project completes various small projects to support the operation of Colorado Correctional Industries (CCi). This is an ongoing request that allows the department to expand CCi where needed or to maintain current operations. The department lists expansion of production space at the East Canon City Prison Complex as a possible project in FY 2017-18.</p>			

Cash-Funded and COP-Financed Projects Recommended for Funding

Priority	Project Title	Fund Source	Amount
Cash/COP	Human Services <i>Regional Center Capital Improvements</i>	CF	\$1,002,925
<p>The project makes ongoing capital improvements at three regional centers, including both on- and off-campus homes, in order to address the wear and tear of continuous use and to improve resident quality of life.</p>			
Cash/COP	Natural Resources — Parks and Wildlife <i>Infrastructure and Real Property Maintenance, Wildlife Areas</i>	CF	\$3,633,200
<p>The project funds improvements or replacements to existing wildlife facilities statewide. This year's request commits \$1,420,000 to fund dam maintenance activities statewide and \$2,213,200 to address 21 maintenance and repair projects. According to the division, funding for ongoing maintenance needs at its facilities statewide is essential to meeting critical goals, such as providing hunting and fishing recreation in Colorado.</p>			
Cash/COP	Natural Resources — Parks and Wildlife <i>Land and Water Acquisitions, State Parks</i>	CF	\$1,400,000
<p>The project purchases lands adjacent to or within state parks to provide a buffer between park lands and new development, and acquires water for recreational purposes at various state parks. This year's request addresses acquisitions for two programs: the Water Resources Program and the Property Acquisition Program. CPW says that it engages in an ongoing effort to acquire water for recreational purposes at certain parks. It also acquires land on an ongoing, annual basis. However, land acquisitions are often opportunistic in nature, and are pursued according to a prioritized list of buffers around and in-holdings within existing state parks.</p>			
Cash/COP	Natural Resources — Parks and Wildlife <i>Land and Water Acquisitions, Wildlife Areas</i>	CF	\$9,300,000
<p>The project funds the acquisition of interests in real property through a competitive bidding process. The purpose of the ongoing request is to protect, preserve, enhance, and manage wildlife habitat for the use, benefit, and enjoyment of the people of Colorado and its visitors. In addition to protecting critical wildlife habitat for game species, CPW's efforts also include protecting and maintaining the habitat and population of a variety of non-game species. Under Parks and Wildlife Commission policy, the purchase of easements is preferred over fee title purchases.</p>			
Cash/COP	Natural Resources — Parks and Wildlife <i>Park Infrastructure and Facilities</i>	CF HUTF	\$16,307,200 \$300,000
<p>The project maintains, restores, and improves park facilities and infrastructure. This request includes consulting services, dam maintenance, and 17 infrastructure projects. The division says the ongoing project is necessary to keep its recreational facilities well-maintained in order to meet its statutory charge to promote outdoor recreation, and to protect public health and safety.</p>			
Cash/COP	Personnel and Administration <i>Restore Windows and Granite Exterior, State Capitol Building</i>	CF	\$1,000,000
<p>The four-phase controlled maintenance project restores the double-hung wooden windows and granite-clad portions of the exterior of the State Capitol. This year's request for Phase II makes repairs to the south side of the building.</p>			

State-Funded Projects Listed for Informational Purposes

Priority	Project Title	Fund Source	Amount
14	Controlled Maintenance	CCF FF	\$12,983,851 \$366,940
<i>Controlled Maintenance Projects — Level 2 (score 16 through score 20, 19 projects)</i>			
Level 2 controlled maintenance projects make repairs to state facilities and address potential program disruption. There are 47 projects in this category. This request funds the last 19 Level 2 projects, including 12 higher education institution projects and 7 state department projects.			
15	Human Services	CCF	\$8,542,390
<i>Replace Deteriorated Campus Infrastructure System, CMHI at Fort Logan (Capital Renewal)</i>			
The project funds the first phase of a three-phase capital renewal project to repair or replace underground campus infrastructure on the 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.			
16	Human Services	CCF	\$29,135,975
<i>Upgrade Campus Utility Infrastructure, CMHI at Pueblo (Capital Renewal)</i>			
The capital renewal project completes a number of critical controlled maintenance projects on the Colorado Mental Health Institute at Pueblo campus. The project replaces primary and secondary electrical distribution lines, installs new water and sewer mains, reinforces the campus tunnel infrastructure, and installs new roadways, parking lots, and sidewalks.			
17	Front Range Community College	CCF CF	\$23,387,740 \$8,552,190
<i>Health Care Career Center</i>			
The project constructs a new, 55,333-GSF facility to house the Allied Health and Nursing programs on an undeveloped site at the northwest corner of the college's Larimer Campus. The college says that its largest unmet need is adequate academic space.			
18	University of Colorado Denver	CCF CF	\$23,832,606 \$32,270,515
<i>Colorado Center for Personalized Medicine Building</i>			
The two-phase project constructs a new, eight-story, 220,000-GSF building on the Anschutz Medical Campus to house the Colorado Center for Personalized Medicine, a new data center, a health care clinical simulation hub, offices and workstations, and auxiliary functions. According to the university, the existing space is obsolete and too small to accommodate health care and health sciences education and research. New space is also needed to provide computing services to over 22,000 faculty, staff, and students across campus.			
19	University of Colorado at Boulder	CCF CF	\$23,456,347 \$51,440,353
<i>Aerospace Engineering Sciences Building</i>			
The two-phase project constructs a four-story, 138,500-GSF Aerospace Engineering Sciences Building on the university's east, or research, campus to house the Aerospace Engineering Sciences Department. The university says the objective is to ensure the placement of CU Boulder among its peer institutions as the premier institute for space system engineering and application, and to provide an environment for meeting the growing demands of the Colorado and national space enterprises. The university also says the department's current facility is inadequate for accommodating the program.			
20	Human Services	CCF	\$616,249
<i>Program and Facility Master Planning, Division of Youth Corrections</i>			
The project prepares facility master plans and associated program plans for five state-owned and -operated Division of Youth Corrections campuses in order to identify opportunities to make improvements to the buildings and meet changing care and service philosophies. Specifically, the project will assess 398,561 square feet in 36 buildings on 108 acres.			

State-Funded Projects Listed for Informational Purposes

Priority	Project Title	Fund Source	Amount
21	Human Services <i>Program and Master Planning, Department-wide</i>	CCF	\$1,109,466
<p>The three-phase project prepares a department-wide master plan. This year's request for Phase I prepares a campus-wide site master plan for the Fort Logan campus and many Denver Metro area facilities. Specifically, Phase I planning will assess 686,325 square feet and 231 acres of department-owned and -leased property.</p>			
22	Colorado Mesa University <i>Performing Arts Expansion and Renovation</i>	CCF CF	\$7,962,041 \$787,456
<p>The project renovates 7,160 GSF in and constructs a 13,520-GSF addition to the Moss Performing Arts Building. The project provides teaching, practice, and performance space in support of music and theater programs. The university says growth in these programs is driving the need for new instructional space.</p>			
23	Auraria Higher Education Center <i>King Center Renovation and Addition</i>	CCF CF	\$43,327,307 \$440,000
<p>The project renovates 87,455-GSF of and adds 27,525 GSF to the existing 192,684-GSF Kenneth King Academic and Performing Arts Center on the Auraria Campus. According to AHEC, a 2013 space utilization study identified a space deficit of 187,000-GSF for the performing arts departments.</p>			
24	Pikes Peak Community College <i>Student Learning Commons and Theater, Downtown Studio Campus</i>	CCF CF	\$4,847,735 \$1,703,260
<p>The project constructs a 9,823-GSF addition to expand and connect two existing buildings on the Downtown Studio Campus. The newly constructed addition will create a main entranceway to the campus and add a student learning common area, theater support and performance space, and expanded lab space. According to the college, the project addresses concerns with a lack of tutoring, group study, and meeting space at the downtown campus.</p>			
25	University of Colorado Denver <i>Engineering and Physical Sciences Building</i>	CCF CF	\$47,218,364 \$15,739,454
<p>The project constructs a 60,000-GSF, three-story academic building adjacent to the North Classroom Building and renovates 31,250-GSF in the North Classroom Building. CU Denver says the project will allow for growth and consolidation of the College of Engineering and Applied Sciences in a new, state-of-the-art facility. Space vacated by engineering programs will be renovated for use by College of Liberal Arts and Sciences programs.</p>			
26	Colorado State University <i>Shepardson Building Renovation and Expansion</i>	CCF	\$4,527,223
<p>The project renovates the existing 46,393-GSF Shepardson Building, which houses the Departments of Horticulture and Landscape Architecture, and constructs a 36,230-GSF addition to create eight teaching labs, studios, offices, and support space. The university says current demand for the programs housed in the Shepardson Building is not being met due to space limitations and outdated facilities.</p>			
27	University of Northern Colorado <i>Replace Heating Plant Boiler #3 (Capital Renewal)</i>	CCF	\$3,329,505
<p>The two-phase project replaces an aging boiler in order to provide redundancy for the two main campus boilers. The existing #3 boiler is a high-temperature hot water generator. The replacement boiler will be more energy efficient, which the university says will reduce operating costs.</p>			

State-Funded Projects Listed for Informational Purposes

Priority	Project Title	Fund Source	Amount
28	Colorado Mesa University	CCF CF	\$2,923,361 \$289,125
	<i>Electric Lineworker Building</i>		
	The project constructs a 8,105-GSF, pre-engineered structure to house the university's Electric Lineworker program at its Whitewater Campus. The existing Electric Lineworker program location is inadequate. The program is currently housed in a building constructed in 1982, which is in need of renovation to meet industry training needs.		
29	Adams State University	CCF	\$4,470,884
	<i>Plachy Hall HVAC Upgrade and Replacement (Capital Renewal)</i>		
	The project retrofits the HVAC system for the 118,054-GSF Plachy Hall, the university's main athletic facility. The project upgrades and replaces several components of the HVAC system. The boilers and air handling units that service Plachy Hall are at the end of their useful life.		
30	Western State Colorado University	CCF CF	\$10,663,516 \$200,000
	<i>Savage Library Renovation</i>		
	The project reorganizes the 69,917-GSF library and renovates the building to upgrade the fire alarm system and increase energy efficiency through improved wall and roof insulation and the installation of new windows. The project also automates mechanical and lighting systems to reduce the overall cost of building operation.		
31	Fort Lewis College	CCF CF	\$2,885,963 \$320,662
	<i>Whalen Gymnasium Expansion and Renovation for Exercise Science, South</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 the companion project to renovate other portions of Whalen Gymnasium and expand it to the north to house the Athletics Program, the college says the projects 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.		
32	Colorado Mesa University	CCF CF	\$6,325,932 \$625,643
	<i>Trigeneration (Combined Cooling, Heating, and Power System)</i>		
	The project constructs a 1.5-megawatt combined cooling, heating, and power (CCHP) system to integrate with the university's existing energy portfolio and to provide power to a growing campus. CCHP systems use waste heat from an electricity generator for heating and cooling functions, a process called trigeneration. The university says the project will allow it to delay seeking an additional power supply from its energy provider and corresponds with efforts to "green" state government.		
33	University of Northern Colorado	CCF	\$3,160,332
	<i>Gray Hall Mechanical Systems Improvements (Capital Renewal)</i>		
	The capital renewal project upgrades various mechanical systems in the 27,531-GSF Gray Hall, including upgrading the HVAC system and associated infrastructure, installing a sprinkler system, and installing air conditioning in certain areas of the building. The university explains that Gray Hall, which was constructed in 1913, contains many outdated mechanical systems and supporting components, some of them original to the building and all at the end of their useful life.		

State-Funded Projects Listed for Informational Purposes

Priority	Project Title	Fund Source	Amount
34	Colorado Mesa University	CCF CF	\$526,258 \$52,048
	<i>Marching Band Storage Building</i>		
	The project constructs a 2,400-GSF storage building for the Maverick Stampede, the university's marching band. The building will be located adjacent to the new marching band field currently under construction. The university says the building will mitigate the space needs of the marching band, which grew from 80 to 140 students from 2011 to 2014.		
35	Otero Junior College	CCF	\$1,393,800
	<i>Agriculture Science Program Remodel</i>		
	The project renovates 3,000-GSF in McDivitt Hall and constructs a 2,400-GSF addition to accommodate enrollment growth in the Agriculture Sciences Program. The program is currently housed in an old fitness center facility within McDivitt Hall, which, according to the college, is the only current vacant space on campus that is large enough to accommodate the program's classes; the facility has no laboratory or office space and only one makeshift classroom.		
36	University of Colorado at Boulder	CCF	\$30,000,000
	<i>Hellems Arts and Sciences Building (Capital Renewal)</i>		
	The capital renewal project upgrades various electrical and mechanical systems within the Hellems Arts and Sciences Building (116,225 GSF). The university says upgrades in the building, which has a Facility Condition Index rating of 41, are necessary for code and ADA compliance.		
37	University of Colorado at Colorado Springs	CCF	\$7,929,559
	<i>Engineering and Applied Science (EAS) Renovation</i>		
	The two-phase project renovates the 74,022-GSF Engineering and Applied Sciences (EAS) Building to address building deficiencies and to improve classroom and research areas. This year's request for Phase I makes improvements in the 20,000-GSF research and office wing of the building to improve energy efficiency, reallocate space to support additional research functions, and update finishes in existing research and teaching spaces. Phase II will renovate the remainder of the building.		
38	Community College of Denver	CCF CF	\$22,175,336 \$1,415,447
	<i>Boulder Creek Building</i>		
	The project remodels 65,593 GSF and constructs a 10,327-GSF addition to the Boulder Creek building. The project also relocates the college's Health Sciences Center, currently located on the Lowry Campus seven miles east of the Auraria Campus, to the Boulder Creek building. The college is hindered from offering new programs at its current location on the Lowry Campus.		
39	Colorado State University	CCF	\$15,032,883
	<i>Anatomy/Zoology East Wing Revitalization (Capital Renewal)</i>		
	The state-funded capital renewal project upgrades or replaces multiple systems in the east wing of the Anatomy/Zoology Building. According to the university, the condition of the building is poor enough to warrant immediate action. The project replaces mechanical systems, upgrades HVAC systems, installs a new roof, abates asbestos, and upgrades the fire alarm system.		
40	Pueblo Community College	CCF	\$1,349,041
	<i>Weld Shop Renovation</i>		
	The project renovates the weld shop in the San Juan building (7,281 ASF) and renovates the Medical Arts and Technology building (1,026 ASF) in order to relocate some functions of the Facilities Department. The college says the project addresses several health and safety concerns and space constraints associated with the college's welding program.		

State-Funded Projects Listed for Informational Purposes

Priority	Project Title	Fund Source	Amount
41	Colorado State University <i>Chemistry B and C Wing Renovation (Capital Renewal)</i>	CCF	\$23,763,000
<p>The state-funded capital renewal project upgrades or replaces multiple systems in the B&C wing of the Chemistry Building. The project replaces mechanical systems, upgrades HVAC systems, installs a new roof, abates asbestos, and upgrades the fire alarm system.</p>			
42	Lamar Community College <i>Vocational Trades Building</i>	CCF	\$1,996,733
<p>The project constructs a new 10,800-GSF Vocational Trades Building. The project will provide instructional space for two new programs: Renewable Energy and Historic Preservation. It may also benefit other vocational trades programs at the college, such as Construction Technology. According to the college, the project will help alleviate space constraints faced by the programs.</p>			
43	Controlled Maintenance <i>Controlled Maintenance Projects — Level 3</i>	CCF	\$23,140,713
<p>Level 3 controlled maintenance projects address varying levels of damage and deterioration issues. There are 31 projects in this category, including 19 higher education institution projects and 12 state department projects.</p>			
44	Transportation <i>I-70 Glenwood Canyon Rockfall Fence Improvements</i>	CCF	\$1,408,711
<p>The project replaces and extends about 330 linear feet of rockfall fencing at several points in Glenwood Canyon along Interstate 70 to reduce rockfall hazard for the traveling public. Numerous recent rockfall events have closed I-70 for extended periods of time and caused extensive structural and vehicle damage, as well as personal injuries.</p>			
45	Transportation <i>Automated I-70 Avalanche Reduction System</i>	CCF HUTF	\$2,313,130 \$50,000
<p>The project implements an automated avalanche reduction system in high-risk areas along the I-70 mountain corridor. The system sought by the department, Gazex, will allow the department to minimize the use of dangerous and manual explosives to manage avalanche danger and to improve the safety of CDOT employees and the general public.</p>			
46	Transportation <i>US 550 Bondad Hill Rockfall Mitigation</i>	CCF FF HUTF	\$2,000,000 \$1,016,267 \$211,257
<p>The project conducts rockfall mitigation activities along a 0.2-mile stretch of US Highway 550 south of Durango, by removing rock, installing netting for stabilization and containment, and creating a catchment area for falling rock. The department says this rockfall mitigation will address a major road hazard that routinely shuts down US 550, the only continuous north-south route in western Colorado from I-70 to New Mexico, thus improving safety, reducing highway closures, and minimizing costs.</p>			

<u>Total Request Amount</u>	\$859,530,920
CCF	566,885,840
RF	10,000,000
CF	279,964,141
FF	465,265
HUTF	561,257

FY 2017-18 Level 1 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
Personnel and Administration <i>Controlled Maintenance Emergency Account</i> <p>(Score 1) 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, but cannot involve movable equipment, furniture, and fixtures related to the programmatic activities conducted in the facility.</p>	CCF	\$3,000,000
Corrections <i>Replace Chillers, San Carlos Correctional Facility</i> <p>(Score 2) The request replaces two chillers in order to address failing and aging equipment and to provide redundancy to the cooling system. The system is used to cool areas that house the most mentally ill offenders in the corrections system and if the system fails, the housing unit would be closed in the summer months, which would lead to a shortage in available beds for this population.</p>	CCF	\$785,718
Human Services <i>Upgrade Electronic Security Systems, Four Division of Youth Corrections Centers</i> <p>(Score 4) The three-phase project replaces antiquated door control and security systems with a uniform, integrated building system at four facilities in the youth corrections system. The facilities have 50-year old technology and component parts are difficult to acquire. Additional security concerns include old cameras, blind spots, and manual locks. This year's request for Phase II installs a new system at Grand Mesa Youth Services Center (YSC). Phase I and III upgrade systems at Gilliam, Pueblo, and Zebulon Pike YSC. The department received funding in each year from FY 2010-11 through FY 2015-16 to replace systems at six other youth services centers.</p>	CCF	\$1,036,470
University of Colorado at Boulder <i>Upgrade Fire Sprinklers, Various Buildings</i> <p>(Score 4) The five-phase project provides fire sprinkler coverage in nine buildings on campus that were built at a time when no fire or life-safety codes were in effect. This year's request for Phase IV addresses the Fiske Building. A previously-funded request, completed in 2008, made similar upgrades to other buildings on campus.</p>	CCF	\$98,316
Pikes Peak Community College <i>Improve Fire Sprinkler Systems, Centennial Campus</i> <p>(Score 4) The project makes improvements to the fire sprinkler systems in the Aspen and Breckenridge Buildings on the Centennial Campus. The Aspen and Breckenridge Buildings no longer meet the code requirements for fire safety.</p>	CCF	\$967,621
Colorado Mesa University <i>Add Electronic Access Control to Nine Buildings</i> <p>(Score 4) The project adds electronic access control to the exterior of nine buildings in order to allow after hour access for permitted individuals, including students. The remaining campus buildings already have access control on the exterior doors.</p>	CCF	\$300,608
Red Rocks Community College <i>Install Building Access System and Cameras</i> <p>(Score 4) The project updates the existing security at the Lakewood Campus to improve door controls and to install security cameras in strategic locations. The campus has over 100 exterior doors and no security cameras. In a recent lock-down drill, it took staff 45 minutes to lock down the campus because of the poor door controls.</p>	CCF	\$995,600

FY 2017-18 Level 1 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
<p>Otero Junior College <i>Repair/Upgrade Campus Security Access and Electronic Locks</i></p> <p>(Score 4) The two-phase project replaces the primary locking system with electronic locks to address security, ADA, and emergency egress requirements. The existing mechanical lock system is over 30 years old and is no longer as functional or secure as the college would like.</p>	CCF	\$500,000
<p>Northeastern Junior College <i>Install Electronic Door Access and Camera Systems</i></p> <p>(Score 4) The two-phase project replaces the existing door locking system with an electronic access control system and installs a camera system to monitor public areas such as parking lots and entrances to academic buildings. According to the college, its facility staff uses an allen wrench to unlock and lock the buildings on campus each day. This situation poses a security risk in the event of an emergency. This year's request for Phase II installs the camera system. Phase I replaced the door locking system.</p>	CCF	\$525,500
<p>Pueblo Community College <i>Upgrade Building and Common Area Security, Three Campuses</i></p> <p>(Score 4) The two-phase project replaces all mechanical door locks with an electronic locking system in order to improve security on the Pueblo, Canon City, and Mancos campuses. The existing locks and doors are over 30 years old. This year's request for Phase II replaces interior door locks. Phase I replaced critical exterior door locks.</p>	CCF	\$962,550
<p>Corrections <i>Replace Segregation Unit Door Fronts, Buena Vista Correctional Facility</i></p> <p>(Score 5) The project replaces 18 cell doors at the facility. The cells have been converted to administrative segregation units and the open-grille door fronts need to be replaced with concrete block, steel sliding doors with vision panels and pneumatic controls.</p>	CCF	\$679,782
<p>Personnel and Administration <i>Fire Alarm System Upgrades, Centennial Building</i></p> <p>(Score 5) The project replaces the fire system, smoke detection system, and fire pumps in the Centennial Building. The systems and pumps are outdated and unreliable, do not meet current National Fire Protection Association codes, and cannot be maintained. Because the system is about 40 years old, repair parts are no longer available and specific zones cannot be disabled.</p>	CCF	\$1,414,957
<p>University of Colorado at Colorado Springs <i>Install Fire Sprinklers, Library, El Pomar Center, and Campus Services Buildings</i></p> <p>(Score 5) The two-phase project installs automatic fire sprinkler systems in three buildings in order to address concerns raised by the university's property insurance carrier. This year's request for Phase I installs sprinklers in the library and the El Pomar Center, which houses the IT department. Phase II will install sprinklers in the Campus Services Building, which houses the Facilities Services Department.</p>	CCF	\$701,163
<p>University of Northern Colorado <i>Upgrade Fire Sprinklers, Frasier and Gunter Buildings</i></p> <p>(Score 5) The two-phase project installs automatic fire sprinkler systems in two buildings in order to address concerns raised by the university's property insurance carrier. A previously funded controlled maintenance project installed sprinklers in six other buildings on campus. This year's request for Phase I installs sprinklers in Frasier Hall and Phase II will install sprinklers in Gunter Hall.</p>	CCF	\$1,611,931

FY 2017-18 Level 1 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
Auraria Higher Education Center <i>Replace/Upgrade Fire Alarm Systems, Multiple Buildings</i> <p>(Score 5) The three-phase project upgrades the fire alarm systems in several buildings with code-compliant equipment that is compatible with and can be monitored through the campus fire alarm network system. A previously funded controlled maintenance request replaced the fire alarm systems in five other buildings. This year's request for Phase II replaces the fire alarm system in the Facility Services Building and the 9th Street Houses. Phase I addressed the Plaza Building and Phase III will address the Boulder Creek Building.</p>	CCF	\$362,468
Colorado School of Mines <i>Replace Hazardous Laboratory Fume Controls</i> <p>(Score 5) The four-phase project replaces fume hoods, variable air volume units, chillers, and air handler control units to ensure the safe removal of hazardous fumes in on-campus laboratories in four buildings. The project also replaces the software used to operate the control units. The controls and software used to manage fume ventilation are obsolete and the parts are no longer produced or supported by the manufacturer. This year's request for Phase III replaces the controls and software in Hill Hall. Phases I and II addressed Anderson and Coolbaugh Halls. Phase IV will address Berthoud Hall.</p>	CCF	\$1,019,251
Colorado Historical Society (History Colorado) <i>Stabilize and Repair Baca House, Regrade Site, and Replace Drain</i> <p>(Score 5) The project makes repairs to the south foundation wall of the porch structure on the Baca House. The project addresses concerns identified in a structural assessment completed in May 2016. The project also redirects water away from the south side of the porch and repairs settlement cracks in the adobe walls of the house.</p>	CCF	\$600,185
University of Colorado Denver <i>Replace Electrical Switchgear, Building 500</i> <p>(Score 6) The three-phase project replaces the equipment associated with the three electrical substations that provide power to Building 500. The substations are located outside in a secured fenced area and have reached the end of their useful life due to environmental exposure. The new equipment will be rainproof and suitable for outdoor use. Each phase will replace one substation.</p>	CCF	\$723,467
Education <i>Repair/Safety Upgrades to Locker Room, Hubert Work Gymnasium, Colorado School for the Deaf and the Blind</i> <p>(Score 6) The project replaces group showers with individual student showers, builds a separate shower area for staff, updates surfaces and equipment to make them more cleanable, upgrades the ventilation system, and removes steam radiators that pose a risk of contact burns. The school says the locker rooms do not provide privacy and do not comply with ADA and other code requirements.</p>	CCF	\$1,322,910
Military and Veterans Affairs <i>Repair Building and Security Systems, Denver Readiness Center</i> <p>(Score 8) The project makes a number of repairs to the Denver Readiness Center, including upgrades to the HVAC, plumbing, and roofing systems. It also makes improvements to the exterior masonry and perimeter fencing. Finally, the project makes fire safety improvements such as adding fire-rated doors, an explosion-proof exhaust fan, and a new fire alarm/mass notification system.</p>	CCF FF	\$465,265 \$465,265
Colorado State University <i>Replace Mechanical System, Bioenvironmental Research Building</i> <p>(Score 8) The project installs a new HVAC system in the Bioenvironmental Research Building, which is a biosafety level-3 laboratory. Laboratories of this security level no longer use the type of HVAC system found in the building. In addition, the system's controls are outdated to the point that the manufacturer stopped supporting them in 2012, and replacement parts and software are no longer available.</p>	CCF	\$1,939,959

FY 2017-18 Level 1 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
<p>Front Range Community College</p> <p><i>Replace Chiller and Upgrade Chiller Infrastructure, Westminster Campus</i></p> <p>(Score 8) The project replaces one chiller and its associated components to accommodate an increase in student enrollment and associated electronic equipment. The current building cooling load exceeds the capability of the original system installed in 1996. If the system fails in the hot summer months, it could lead to a loss of use until repairs are completed or the temperatures drop.</p>	CCF	\$880,198
<p>Colorado Community Colleges — Lowry</p> <p><i>Replace Chiller, Building 903</i></p> <p>(Score 8) The project replaces the chiller and associated pumps in Building 903, originally installed in 1998. The chiller is no longer manufactured and replacement parts are difficult to obtain. The equipment is unreliable and does not maintain an acceptable temperature during hot summer months, which, in the past, has lead the college to cancel classes until repair work is completed.</p>	CCF	\$498,036
<p>University of Colorado at Boulder</p> <p><i>Repair Exterior Concrete, Engineering Center</i></p> <p>(Score 8) The project repairs the concrete on the exterior of the Engineering Center Building, with particular attention to the areas below windows and the underside of a bridge connecting the building to the Engineering Center Tower. The concrete is cracking and spalling in areas where embedded anchor bolts have rusted, causing the concrete to dislodge. Some of the damage has been caused by water intrusion.</p>	CCF	\$650,297
<p>Corrections</p> <p><i>Replace Roof, Centennial Correctional Facility</i></p> <p>(Score 8) The project replaces the roof on Housing Units A through G at the Centennial Correctional Facility. The roof is almost 40 years old and water is leaking into cells, many of which are at risk of being closed, according to the department. The project replaces the existing roof with an R-20 insulated asphalt built-up roof.</p>	CCF	\$1,210,188
<p>Human Services</p> <p><i>Repair/Replace Roofs, Colorado Mental Health Institute at Fort Logan (third cycle)</i></p> <p>(Score 8) The three-phase project continues funding for roof replacements on the Fort Logan Campus to address leaks. Earlier controlled maintenance projects have funded roof repairs elsewhere on campus. This request addresses seven buildings in the K-Complex, many of which are linked with covered walkways. This year's request for Phase II repairs two buildings. Phase I addressed two buildings and Phase III will complete repairs to the final three roofs in the complex.</p>	CCF	\$1,382,279
<p>University of Colorado at Boulder</p> <p><i>Upgrade Fire Sprinklers and HVAC, Education Building</i></p> <p>(Score 10) The three-phase project installs a fire sprinkler system and renovates the HVAC system to address life-safety and code issues. The HVAC system uses hallways and stairwells for the system's return air, and vents have been installed between rooms and the halls for additional return air. This arrangement is not compliant with building codes and, coupled with the lack of fire sprinkler protection, may be hazardous in the event of a fire. This year's request for Phase I designs the project, demolishes ceilings, and installs HVAC and some sprinkler system components.</p>	CCF	\$1,362,096
<p>Corrections</p> <p><i>Replace Chiller and HVAC Controls, Trinidad Correctional Facility</i></p> <p>(Score 10) The project replaces one of the facility's two chillers and the HVAC system. One of the facility's chillers was replaced in 2011, and the department says the impending failure of the other chiller will require it to rent a temporary chiller unless the deficient unit is replaced. The HVAC system experiences failures resulting in temperature swings in the buildings; the project replaces the manual HVAC system with an automated system.</p>	CCF	\$889,800

FY 2017-18 Level 1 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
<p>Colorado State University</p> <p><i>Install Sprinklers and Repair Emergency Lighting, Administration Building</i></p> <p>(Score 10) The project installs automatic fire sprinklers in the building atrium and updates the existing building-wide fire detection system. The building contains areas unprotected by sprinklers, which presents a safety hazard to staff and visitors. Also, the emergency lighting system does not meet code requirements.</p>	CCF	\$431,481
<p>Auraria Higher Education Center</p> <p><i>Replace Telecom Emergency Power Off System, Arts 191</i></p> <p>(Score 10) The two-phase project replaces the emergency power off (EPO) system for the campus telecom system and an associated air conditioning system. The existing air conditioning unit is 30 years old, undersized, and is beyond its useful service life. This year's request for Phase I addresses the computer room air conditioning system. Phase II will address the undersized EPO system and install a natural gas generator.</p>	CCF	\$301,774
<p>Colorado School of Mines</p> <p><i>Replace Campus 13,200-volt Switchgear</i></p> <p>(Score 10) The project replaces the primary campus switchgear with new equipment. The switchgear is the campus' single point of connection for incoming electrical power and replacing it will provide reliable power to campus. The existing switchgear is over 32 years old and a component of the switchgear recently failed.</p>	CCF	\$1,049,000
<p>Northeastern Junior College</p> <p><i>Replace Electrical Transformers</i></p> <p>(Score 10) The two-phase project replaces the main electrical transformers in five buildings on campus. The transformers are beyond their useful life and one recent failure caused a power outage that affected several buildings on the east side of campus. Recent weather-related events highlighted additional problems with the campus electrical loop, requiring an additional phase. This year's request for Phase II addresses the electrical loop issues. Phase I replaced the transformers.</p>	CCF	\$121,482
<p>Human Services</p> <p><i>Repair/Replace HVAC Systems in A, B, C, D, and E Buildings, Colorado Mental Health Institute at Fort Logan</i></p> <p>(Score 10) The three-phase project replaces air handlers, chillers, and associated equipment in five buildings to address concerns with antiquated and poorly functioning equipment. Much of this equipment is original to the buildings' construction in 1963. The buildings have no operable windows and there are no backup systems in place if the systems fail. This year's request for Phase II will address Building B. Phase I replaced equipment in Buildings A, C, and D. Phase III will address Building E.</p>	CCF	\$572,914
<p>Colorado State University — Pueblo</p> <p><i>Replace Roof and Exterior Stairs, Two Buildings</i></p> <p>(Score 10) The project replaces roofs in the Arts/Music Building and Hoag Hall and repairs exterior concrete stairs at the north wing of the Arts/Music Building. The roofs leak, causing event cancellations and damage to furniture and equipment. The exterior stairs have deteriorated, causing chunks of concrete to fall off.</p>	CCF	\$951,862
<p>Fort Lewis College</p> <p><i>Replace Roof and Improve Drainage and Accessibility, Miller Student Services</i></p> <p>(Score 10) The two-phase project makes improvements to the drainage around the Miller Student Services building, replaces adjacent sidewalks to address ADA accessibility concerns, and replaces the roof of the building. Poor drainage conditions currently lead to water infiltration in the building and the sidewalks were constructed before ADA guidelines were established. This year's request for Phase I installs drainage infrastructure, a waterproofing system around the building, and sidewalks. Phase II will install a new code compliant metal roof system.</p>	CCF	\$179,742

FY 2017-18 Level 1 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
<p>Adams State University <i>Replace Roofs, Fine Arts Building and Planetarium</i></p> <p>(Score 10) The two-phase project replaces roofs that have reached the end of their useful life and show signs of deterioration. This year's request for Phase I replaces the saw-toothed area of the Fine Arts Building with a single ply membrane. Phase II will replace flat sloped areas of the planetarium roof and the Porter Hall roof with a single ply membrane.</p> <p>Funding history. Two earlier controlled maintenance projects were requested to complete the roof replacements and part of the Fine Arts Building roof was replaced. However, funding for one request was partially rescinded and the other request was not funded. The project has since been rescoped.</p>	<p>CCF</p>	<p>\$297,095</p>

<u>Total Request Amount</u>	<u>\$31,257,230</u>
CCF	30,791,965
FF	465,265

FY 2017-18 Level 2 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
University of Colorado Denver <i>Repair Elevators, Building 500</i> <p>(Score 12) The three-phase project makes repairs to and modernizes the seven elevators in Building 500 in order to address code compliance issues. The university employs an elevator contractor to perform preventative maintenance; the contractor has identified code deficiencies that need to be corrected. This year's request for Phase II addresses modernization and repairs to three elevators. Phase III will make similar updates and repairs to the remaining four elevators. Phase I addressed code deficiencies in all seven elevators.</p>	CCF	\$396,988
Human Services <i>Update Fire Detection and Monitoring Systems, Wheat Ridge Regional Center</i> <p>(Score 12) The project replaces or repairs the fire alarm systems and associated components in three buildings on the campus: the Sunada Learning Center, the Zier Building, and the Therapeutic Pool Building. The systems are over 30 years old, obsolete, and difficult to maintain.</p>	CCF	\$1,853,562
Pikes Peak Community College <i>Improve Fire Sprinkler and Alarm System, Downtown Studio Campus</i> <p>(Score 12) The project installs an automatic fire sprinkler system and upgrades the fire alarm system in the Downtown Studio Campus building. It also installs a new underground fire main that ties into the city-owned water supply line. The building does not have an automatic fire sprinkler system and has two separate fire alarm systems.</p>	CCF	\$773,242
Office of Information Technology <i>Replace Microwave Site Tower, Toonerville</i> <p>(Score 12) The project replaces the existing microwave tower located near Toonerville and installs a new tower structure, including foundations and guy anchors. A high percentage of the towers in the state's Public Safety Communications Network are more than 35 years old. An associated controlled maintenance project funded in FY 2014-15 replaced rectifying/charger units at 69 of the state's 138 radio transmitting sites.</p>	CCF	\$576,496
Colorado Northwestern Community College <i>Replace Roof, Johnson Building, Rangely Campus</i> <p>(Score 12) The project replaces the roof, adds tapered insulation, replaces the downspouts, and repairs other roof components. The roof was replaced in 1986 and is now failing. Complete failure of the roof would shut down critical academic offices, the main chiller and boiler plant, the cafeteria, and the main electrical panel in the building.</p>	CCF	\$721,977
Human Services <i>Replace Boiler Economizer, Central Plant, CMHIP</i> <p>(Score 12) The project replaces four boiler economizers and several filter bags associated with two coal-fired boilers at the Central Heat Plant on the campus. The existing economizers are beyond their useful life. Economizers are used in conjunction with steam boilers to cut down on operating costs and increase efficiency.</p>	CCF	\$1,024,467
Fort Lewis College <i>Replace Boiler, Whalen Gymnasium</i> <p>(Score 12) The project replaces the existing natural gas boiler with two high efficiency condensing boilers, along with necessary pumps and associated heating water equipment. The boiler has exceeded its useful life and the college has difficulty obtaining parts and repairing equipment in a timely manner.</p>	CCF	\$484,284
University of Northern Colorado <i>Abate and Re-Insulate Frasier Tunnel System</i> <p>(Score 12) The project abates asbestos-containing materials in the existing pipe insulation, cleans the floors and adjacent distribution systems, and installs new insulation in the tunnel system. The new insulation is necessary to improve the thermal performance of the steam and condensate piping systems.</p>	CCF	\$339,146

FY 2017-18 Level 2 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
Revenue <i>Replace HVAC System, 1881 Pierce Street</i> <p>(Score 12) The four-phase project replaces the HVAC system in the Pierce Street Building. Mechanical systems in the building have not been updated since its construction in 1972, and the four air handling units, south penthouse main fan, and variable air ventilation control system need to be replaced. The building is insufficiently cooled in the summer, hot and cold zones are found in the winter, and air distribution is poor. This year's request for Phase III completes repairs on the first floor.</p>	CCF	\$1,143,596
Colorado Community Colleges — Lowry <i>Install New Boilers, Chillers, and Air Handling Units and Upgrade Controls, Building 697</i> <p>(Score 12) The project repairs or replaces chillers, boilers, controls, pumps, and air handling units in Building 697. The systems are old, unserviceable, or perform poorly. Replacement of this HVAC equipment will assure long-term viability of the facility in order to serve conferencing needs. Work on the project may require the temporary shutdown of the facility.</p>	CCF	\$1,656,447
Lamar Community College <i>Modernize Campus Walkway Lighting</i> <p>(Score 12) The project replaces existing light fixtures with energy efficient light emitting diodes (LEDs) to provide safe walking conditions on campus at night. The existing metal halide fixtures are expensive to repair and operate.</p>	CCF	\$319,132
Colorado State University <i>Replace Roof above Auditorium, Engineering Building</i> <p>(Score 12) The project replaces the roof above the auditorium in the Engineering Building with a fully adhered rubber roofing membrane. The existing roof does not have proper drainage, resulting in standing water and damaged insulation.</p>	CCF	\$145,896
Colorado Mesa University <i>Repair Roof, Wubben Hall</i> <p>(Score 12) The project repairs a roof that experienced a large leak in December 2010. The leak damaged carpet, gypsum wallboard, and ceiling tiles on both floors of most of the east half of the building. The project removes the roof and replaces it with a built-up roof system with new flashing.</p>	CCF	\$428,824
University of Colorado at Colorado Springs <i>Replace Roof and Rooftop Units, University Hall</i> <p>(Score 12) The four-phase project replaces 11 unreliable rooftop HVAC units and repairs the leaking roof on University Hall. Both project components require work as a result of normal life cycle deterioration. Fourteen rooftop units have already been replaced on the building. Each phase will address a section of the building's roof and replace the associated rooftop units.</p>	CCF	\$1,073,000
Corrections <i>Replace Roof, Sterling Correctional Facility</i> <p>(Score 12) The two-phase project replaces the rubber roofing system on three buildings. The facility has employed used tires and concrete blocks to maintain the integrity of the roofing system temporarily; however, the failing roof is at risk of damaging new equipment and essential program space used for managing high-custody-level offenders. This year's request for Phase II replaces the roof on the High Security Programs Building.</p>	CCF	\$763,748

FY 2017-18 Level 2 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
Arapahoe Community College <i>Replace Roof, South Building</i> <p>(Score 12) The project replaces the roof, insulation, and flashing on the South Building, and creates proper drainage for the adjacent parking lot. Ponding on the roof's flat section has damaged its various components, resulting in office space leaks and indoor air quality concerns. Water pooling in the parking lot is causing potholes, vehicle issues, and water intrusion into the building.</p>	CCF	\$982,468
Human Services <i>Replace Fire Alarm and Upgrade HVAC Systems, Grand Mesa Youth Services Center</i> <p>(Score 14) The project replaces the fire alarm system and upgrades the HVAC system in the Developmental Center. The existing fire alarm system is more than 35 years old and does not function properly. The existing air handling rooftop unit is failing.</p>	CCF	\$237,910
Colorado State University <i>Replace/Repair Failing Walls, Pickett Center</i> <p>(Score 14) The two-phase project replaces and repairs failing brick walls at the B.W. Pickett Equine Center. Vertical cracking has been observed on several walls since 2000. The cracking has caused pieces of brick to fall on the ground and reinforcing bars to corrode. This year's request for Phase I addresses the west wall. Phase II will address the northwest wall.</p>	CCF	\$999,448
Colorado State Fair <i>Repair/Replace Water, Sanitary, and Storm Water Infrastructure</i> <p>(Score 14) The three-phase project repairs and replaces the water, sanitary sewer, and stormwater systems. It also replaces damaged asphalt to improve drainage. The existing systems are between 40 and 60 years old and mix their outflow, which violates code and is a health risk. Additionally, the water pressure on the fairground complex is inadequate. This year's request for Phase II installs four new storm drains and begins asphalt repairs.</p>	CCF	\$1,180,895
Western State Colorado University <i>Replace Boiler, Kelley Hall</i> <p>(Score 14) The project replaces the condensing boilers in Kelley Hall, which the university says is nearing the end of its predicted service life. The university explains that the system's aluminum heat exchangers, a metal no longer in standard use for exchangers, reacts poorly with the region's hard water, increasing the likelihood of a system failure and reducing its useful life. Further, the system is not designed for the type of boilers currently in use.</p>	CCF	\$204,796
Trinidad State Junior College <i>Improve HVAC System, Windows, and Indoor Air Quality, Berg Building</i> <p>(Score 14) The project installs two new condensing boilers, a new chilled water distribution system, a new cooling tower, and an energy recovery system. It also installs new insulated windows. The building has no building-wide HVAC system and the windows are not energy efficient.</p>	CCF	\$1,881,507
University of Colorado at Boulder <i>Upgrade HVAC, Electrical Engineering Center</i> <p>(Score 14) The four-phase project replaces the HVAC system throughout the Electrical Engineering Center. The current air-handling system does not meet the cooling load and make-up air requirements, resulting in poor indoor air quality and noncompliance with current codes and regulations. This year's request for Phase I designs the project, installs two new air handlers, and installs associated infrastructure for sub-basement level 2 and portions of sub-basement level 1.</p>	CCF	\$1,520,527

FY 2017-18 Level 2 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
University of Colorado Denver <i>Upgrade Building 500 HVAC, VAV Distribution, and Zone Controls</i> (Score 14) The five-phase project makes improvements to the HVAC distribution system. The system performs poorly and often malfunctions, resulting in poor temperature control, inadequate airflow, maintenance failures, and energy inefficiency. The constant-volume equipment will be replaced with a variable-volume distribution system with hot water reheat and digital controls. Past controlled maintenance projects replaced or upgraded the building's air handling units. This year's request for Phase I upgrades the HVAC system on the north side of the fourth floor and the west side of the first floor.	CCF	\$803,166
Colorado State University <i>Replace Roof, Glover Building</i> (Score 14) The project replaces the roof with a multi-layered, built-up roofing system; replaces and supplements insulation; and repairs drainage problems to stop leaking and meet code requirements. The roof has been patched multiple times and is beyond repair. Roof leaks have damaged laboratory equipment and insulation and require building occupants to stop or temporarily suspend research activities. In addition, the central telecommunications switch gear located in the building cannot be relocated without significant cost.	CCF	\$827,626
Public Health and Environment <i>Replace Roof, Laboratory Building</i> (Score 14) The two-phase project replaces the roof, repairs the roof deck, and replaces damaged insulation. Leaks over critical equipment are forcing the delay of testing required to support state and local agencies. The department has coated the roof to address the leaks and extend the roof's life, but the coating is deteriorating and leak sources are difficult to identify. This year's request for Phase I replaces about 60 percent of the roof, including portions covering laboratory areas.	CCF	\$1,017,268
Public Safety <i>Repairs/Upgrades to Mechanical and Electrical Systems, Three Troop Offices</i> (Score 15) The project upgrades or replaces mechanical and electrical system equipment in three field troop offices used by the Colorado State Patrol in Adams County, Fruita, and Golden. The buildings are structurally sound, but the mechanical systems have reached the end of their useful life. The project also replaces light fixtures in the buildings with more efficient, occupant-sensor lighting.	CCF	\$740,300
Pikes Peak Community College <i>Repair Exterior Walkways, Aspen Building, Centennial Campus</i> (Score 15) The project replaces 700 linear-feet of concrete over a walkway between the Aspen and Breckenridge Buildings. Falling stucco on the underside of the walkway presents a safety hazard to pedestrians. The roofing is failing as a result of water infiltration. The project replaces the concrete with the proper slope and drains.	CCF	\$777,251
Military and Veterans Affairs <i>Mitigate Site Flooding Risk and Repair Building Envelope, Watkins Armory</i> (Score 15) The two-phase project makes drainage and paving improvements to the site and makes repairs to the building envelope and interior finishes. The department says expansive soils under the building have caused the building slab and walls to move. Heavy rainstorms have caused site flooding, and existing asphalt paving has deteriorated allowing water to penetrate below the pavement. This year's request for Phase II addresses the building envelope and associated interior repairs.	CCF FF	\$271,210 \$271,210
Education <i>Replace Steam Line, North Side, Colorado School for the Deaf and the Blind</i> (Score 16) The two-phase project replaces sections of the steam distribution system's piping on the campus. The expansion valves for the piping, which act as a safety feature, are not functioning properly, placing a strain on pipes and valves. Corrosion has thinned the pipe walls, resulting in leaks, and sediment build-up has constricted steam flow to about a third of its normal flow. Each phase replaces a discrete section of piping on the campus.	CCF	\$356,420

FY 2017-18 Level 2 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
Colorado State University <i>Replace Electrical Service, Foothills Campus, Xcel Substation to West Meter Point</i> (Score 16) The project replaces existing overhead power lines serving the Regional Biocontainment Laboratory with a redundant electrical feed. The existing lines are unreliable, are nearing capacity, and may fail in weather-related events. Further, the hazardous nature of the research conducted at the laboratory requires redundancy in the electrical feed. The university notes that there have been instances of existing poles collapsing and causing ground fires.	CCF	\$991,928
University of Northern Colorado <i>Replace Pool AHU, Butler Hancock</i> (Score 16) The project replaces the air handling unit (AHU) serving the pool. The pool's humid environment is causing rusting and failure in the unit. The replacement AHU will be suitable for a pool environment, and will be moved from the ceiling above the pool to the building's roof. This relocation will require roof reinforcement and installation of new infrastructure, but will improve access to the AHU for maintenance purposes, thus prolonging the life of the new unit.	CCF	\$937,268
Colorado Mesa University <i>Repair Roof, Building B, Western Colorado Community College</i> (Score 16) The project repairs the roof on Building B. The existing roof is the original roof installed when the building was constructed about 25 years ago. The roof is no longer under warranty and is beginning to fail in numerous locations. During a recent rain storm, a severe leak occurred above a lab, pouring water into light fixtures and electrical equipment.	CCF	\$495,128
Human Services <i>Repair/Replace Emergency and Secondary Electrical Systems, Colorado Mental Health Institute at Pueblo</i> (Score 18) The three-phase project addresses the inadequate and outdated primary and emergency electrical distribution systems. The repairs address both overhead and underground power distribution. Primary power distribution is provided by a substation that has some of the oldest equipment in the city of Pueblo. This year's request for Phase I upgrades and completes the 13.2 kV loop on the north side of campus, and completes service upgrades to eight buildings.	CCF	\$1,150,785
Personnel and Administration <i>Repair Main Chilled Water Loop, Downtown Capitol Complex</i> (Score 18) The two-phase project repairs the main chilled water distribution system in the Capitol Complex tunnel system. The loop was installed in the 1960s and was last repaired in the 1990s; the piping is deteriorating, the controls are failing, and, with the installation of the new geexchange system, the loop needs to be commissioned. This year's request for Phase I replaces the chiller and updates necessary components.	CCF	\$1,634,156
Colorado School of Mines <i>Repair Campus Steam Branch</i> (Score 18) The three-phase project replaces existing steam pipe sections that provide heat to classrooms, laboratories, offices, residence halls, and the campus dining facility. The steam pipes are more than 55 years old and beyond their useful life. This year's request for Phase II replaces steam pipes near Stratton Hall. Phase I, funded in FY 2014-15, replaced steam pipes that are older than the lines serving Guggenheim Hall near the campus dining facility; Phase III will replace steam pipes near the student recreation facility.	CCF	\$333,251
Colorado State University — Pueblo <i>Install Campus Security System</i> (Score 18) The three-phase project provides controlled access to all General Fund-supported campus buildings, and video surveillance for all General Fund-supported buildings, open spaces, and parking lots, including surveillance of building entrances and corridors. The campus has experienced numerous break-ins and thefts as a result of aging door and lock hardware coupled with lack of surveillance. This year's request for Phase III installs a campus video surveillance system and completes the installation of the electronic door access system.	CCF	\$890,450

FY 2017-18 Level 2 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
University of Colorado at Colorado Springs <i>Replace Generator, Columbine Hall</i>	CCF	\$248,740
<p>(Score 18) The project replaces the emergency generator and transfer switches with a larger generator capable of backing up all of the building's functions. The current generator, which is experiencing performance and reliability issues due to normal life-cycle deterioration, only backs up certain functions in the building, not including the back-up data center for the main campus.</p>		
Public Health and Environment <i>Upgrade/Replace Fire Alarm System, Argo Water Treatment Facility</i>	CCF	\$122,980
<p>(Score 18) The project replaces the fire alarm system in the facility that treats water discharged from the Argo Tunnel into Clear Creek. The project also repairs door hardware, air handling units, the fire alarm notification system, and elevator components in the facility. The fire alarm system has had several malfunctions in recent years. The department says a shut-down of the facility would interrupt water treatment, leading to serious environmental impacts to downstream water users.</p>		
University of Colorado at Boulder <i>Upgrade Electrical Service, Science Learning Lab Building</i>	CCF	\$929,653
<p>(Score 18) The project upgrades the electrical unit in the Science Learning Lab Building by replacing the switchgear and relocating the electrical panel boards. The unit is operating at capacity, not code compliant, and past its useful life. Also, parts are no longer available for repairs.</p>		
Morgan Community College <i>Repair/Replace Damaged Sidewalks, Stairs, and ADA Ramps</i>	CCF	\$698,639
<p>(Score 18) The project repairs or replaces various sidewalks, stairways, and ADA accessibility ramps throughout campus to reduce hazards for pedestrians. Two stairways leading to Aspen Hall are failing, while two ADA ramps accessing the building require replacement due to undermining and ice melt damage. Sidewalks around campus are settling, cracking, and failing, creating trip hazards.</p>		
Corrections <i>Replace Roofs, Limon Correctional Facility</i>	CCF	\$1,421,242
<p>(Score 18) The three-phase project replaces failing roofs on numerous buildings throughout the facility. The existing roofs require extensive maintenance and continuously leak, causing property damage and disruption of operations and programs. The project is phased based on level of maintenance and service disruptions. This year's request for Phase I replaces the roofs on Administration, Recreation, and Central Plant.</p>		
Revenue <i>Rehabilitate Elevators, 1881 Pierce Street Building</i>	CCF	\$389,950
<p>(Score 20) The project rehabilitates elevators to meet current (2010) ADA code. The Pierce Street Building elevators are over 30 years old and have not received major repairs or renovations since that time. If the elevator sized for wheelchairs stops working, there will be no wheelchair access between floors.</p>		
Colorado State University — Pueblo <i>Upgrades to Campus Fire Systems</i>	CCF	\$648,340
<p>(Score 20) The two-phase project replaces the main campus fire alarm panel and 18 associated building panels throughout campus. The university says the system is nearing the end of its useful life and showing signs of deterioration and unreliability. This year's request for Phase I replaces the main fire alarm panel and five building panels. Phase II will replace the remaining 13 building fire alarm panels.</p>		

FY 2017-18 Level 2 Controlled Maintenance Projects

Listed in Score Order

Project Title	Fund Source	Amount
<p>Military and Veterans Affairs</p> <p><i>Repair Envelopes, ACM Remediation, and Fire Detection, Longmont Readiness Center</i></p> <p>(Score 20) The project corrects critical envelope failures, upgrades systems, and removes asbestos-containing materials and lead paint to address code issues, improve environmental comfort, mitigate safety concerns, and conserve energy. The building has received few upgrades since its construction in 1954. System upgrades will include minor HVAC upgrades, installation of a fire detection system, and addressing furnace issues.</p>	<p>CCF</p> <p>FF</p>	<p>\$366,940</p> <p>\$366,940</p>
<p>Front Range Community College</p> <p><i>Replace MZU and Ductwork and Add Controls, East Wing, Westminster Campus</i></p> <p>(Score 20) The project replaces the 40-year-old, multi-zone unit (MZU) HVAC system on the 12,930-GSF east wing of the main Westminster building. The east wing HVAC system does not have automated integration with the rest of the building's system, requiring manual operation. The system's ground-level outdoor air intake positioning results in indoor air contamination. The project increases the number of temperature zones in the east wing from 8 to 24, and right-sizes air distribution ducts.</p>	<p>CCF</p>	<p>\$687,704</p>
<p>Pueblo Community College</p> <p><i>Install Heat Exchanger, Medical Technologies Building</i></p> <p>(Score 20) The project installs a heat exchanger and bypass valves system in the building similar to those installed in other campus buildings. The building is connected to the main campus heating loop, but does not have a building-specific heat exchanger or bypass piping. As a result, any failures in the building's heating system cause degradation in, or loss of, the entire campus heating loop. Once the project is complete, issues with the building's heating system will not affect the rest of the campus.</p>	<p>CCF</p>	<p>\$374,782</p>
<p>Colorado Community Colleges — Lowry</p> <p><i>Replace Roof, Building 697</i></p> <p>(Score 20) The project replaces the roof on Building 697. The roof is over 30 years old and no longer serviceable. The project replaces the roofing system, upgrades insulation, installs new flashings, and seals masonry wall joints, which will improve energy efficiency and curtail water infiltration. If the roof is not replaced, the college says the building, or portions of it, could become un-usable.</p>	<p>CCF</p>	<p>\$305,495</p>

Total Request Amount	\$36,767,178
CCF	36,129,028
FF	638,150