

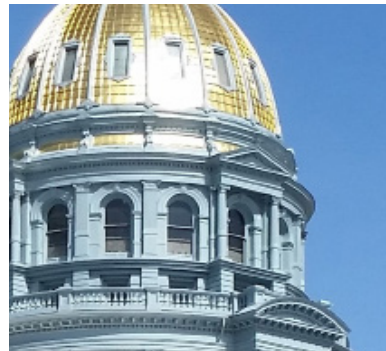
# 2020

Report to the Colorado General Assembly

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## CAPITAL DEVELOPMENT COMMITTEE



Prepared by Legislative Council Staff

Research Publication No. 756

JANUARY 2021

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January 2021

Members of the Seventy-First General Assembly:

Submitted herewith is the 2020 Capital Development Committee (CDC) final report. The purpose of the CDC final report is to provide annual and historical information on the capital development process. The 2020 final report provides a complete summary of all capital construction and controlled maintenance appropriations during the 2020 session. A five-year history and three-year forecast of capital project funding are also included. The report concludes with a description of other actions taken by the CDC in FY 2020-21, and a summary of 2020 legislation enacted by the General Assembly that impacts capital development funding or the capital development process.

The CDC final report serves as a permanent record of capital development funding. The report is referred to by CDC staff and other state agencies throughout the year to help facilitate the capital development process. The report also serves as an informational document for any other entity or individual interested in the progress of capital development in the state of Colorado.

Respectfully submitted,

Natalie Mullis  
Director

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## **Capital Development Committee**

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Representative Alex Valdez

Senator Tammy Story  
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*January 2021*

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# Executive Summary

## **Primary Responsibility of the Capital Development Committee**

The primary responsibility of the Capital Development Committee (CDC), established by House Bill 85-1070 (Section 2-3-1301, *et seq.*, C.R.S.), is to review and make recommendations concerning capital construction and controlled maintenance requests and proposals for the acquisition of capital assets of each state department and higher education institution in Colorado. The CDC forwards its recommendations to the Joint Budget Committee.

## **Types of Projects That Qualify for State Funding**

Appropriations from the Capital Construction Fund (CCF) and the Controlled Maintenance Trust Fund (CMTF) are used for capital projects. The term "capital" collectively refers to three types of projects: capital construction, capital renewal, and controlled maintenance.

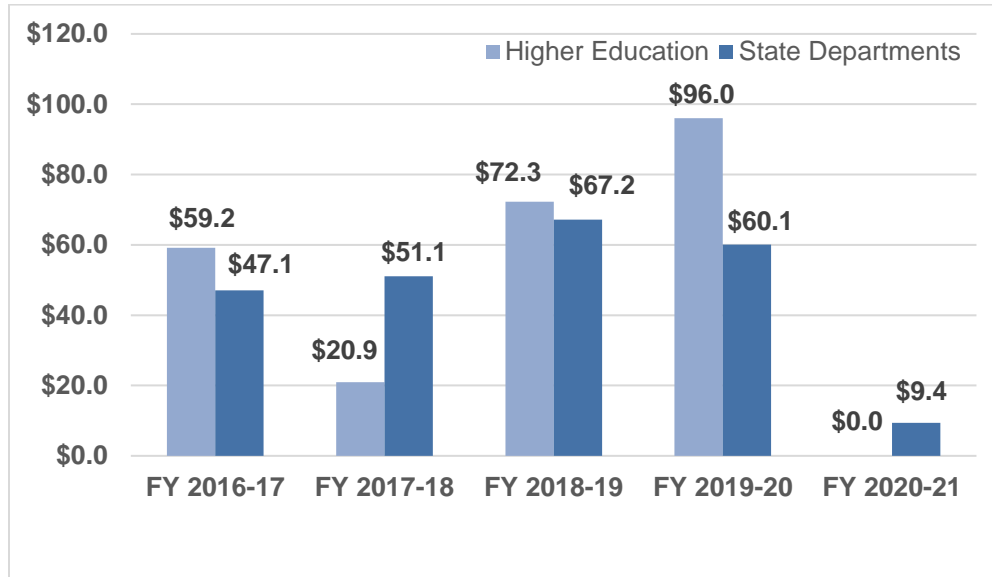
1. *Capital construction* projects include the purchase of land, buildings, or other facilities; the construction, renovation, or remodeling of buildings or other facilities; the purchase and installation of equipment necessary to operate the buildings or facilities; and the architectural, engineering, or other consultant services associated with a capital construction project.
2. *Capital renewal* projects address controlled maintenance issues that have exceeded \$2 million in costs in a single year or phase, or have grown in scope and are better addressed building by building, rather than system by system.
3. *Controlled maintenance* projects are system- or maintenance-driven, and address facility component systems at the end of their useful life. As such, controlled maintenance involves site improvements and corrective repairs or replacement of utilities and equipment at existing state-owned, General Fund-operated buildings, and other physical facilities.

## **Five-Year History of Capital Construction and Controlled Maintenance Appropriations**

State funding for capital projects totaled \$483.4 million for the five-year period ending in FY 2020-21. The high point in total appropriations during the five-year period came in FY 2019-20, when \$156.1 million was appropriated for capital projects. This exceeds the total amount of funding for capital projects in FY 2020-21 by \$146.7 million, which was lowest year of capital spending over the five-year period. The FY 2020-21 spending total of \$9.4 million represents 2.0 percent of the total amount funded over the five-year period. It should be noted that FY 2018-19 capital funding was augmented by \$119.9 million from Senate Bill 17-267, which authorized the issuance of certificates of participation to fund capital construction and transportation projects.

*Funding for state departments and higher education institutions.* State departments received \$236.7 million (49.0 percent) of total capital funding over the five-year period, while higher education institutions received \$246.8 million (51.0 percent). Figure A provides a five-year overview of capital funding for higher education institutions and state departments.

**Figure A**  
**Five-Year History of Capital Funding**  
**for State Departments and Higher Education Institutions (in millions)**  
**FY 2016-17 to FY 2020-21**



### **Gross Square Footage of State Facilities**

As of December 2019, the total square footage of state-occupied facilities was 81.1 million gross square feet (GSF), according to the Office of the State Architect (OSA). The estimated current replacement value (CRV) is \$20.7 billion. The CRV is based on the insured value of a building assigned by the Office of Risk Management within the Department of Personnel and Administration or, in some instances, by a higher education institution. Of the total GSF, 48.1 million GSF reflects the square footage of state-owned buildings funded or maintained by the General Fund (state funds), including academic buildings on higher education campuses constructed from state funds or from cash funds before July 2019. The estimated CRV of this 48.1 million GSF is \$13.3 billion.

## Capital Construction Fund and Controlled Maintenance Trust Fund Revenue

Revenue made available for capital projects from all state sources during the five-year period totaled \$468.7 million. Of this amount, \$167.5 million, or 35.7 percent, was made available for FY 2019-20 projects, and \$2.6 million, or 0.6 percent, was made available for FY 2020-21 projects. These totals do not include the auxiliary funding made available through SB 17-267 discussed above. Funding for projects in both years was primarily made available through a General Fund transfer. Figure B identifies the sources of revenue for capital projects during the five-year period and the amounts attributable to each source.

**Figure B**  
**Five-Year History of Revenue Made Available for Capital Projects (in millions)**  
**FY 2015-16 to FY 2019-20**

Revenue Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Five-Year Total
<b>General Fund</b>						
1a Transfers to fund prioritized projects identified during annual budget deliberations	\$73.3	\$70.4	\$134.0	\$161.2	\$2.0	<b>\$440.9</b>
1b Transfers from the General Fund Exempt Account	0.5	0.5	0.5	0.5	0.5	<b>\$2.5</b>
1c Appropriations to fund projects through separate legislation	0.0	0.0	1.1	0.0	1.0	<b>\$2.1</b>
<b>General Fund Subtotal</b>	<b>\$73.8</b>	<b>\$70.9</b>	<b>\$135.6</b>	<b>\$161.7</b>	<b>\$3.5</b>	<b>\$445.5</b>
<b>Capital Construction Fund</b>						
2 Interest earnings, reversions, and other deposits made by the legislature	\$9.6	\$0.7	\$4.0	\$4.8	\$4.8	<b>\$23.9</b>
3 Transfers from State Historical Fund for projects that meet certain grant criteria	\$1.0	\$1.0	\$1.0	\$1.0	\$(0.9)	<b>\$3.1</b>
4 Transfers of interest earnings on Controlled Maintenance Trust Fund	\$1.0	\$0.0	\$0.0	\$0.0	\$0.0	<b>\$1.0</b>
<b>Capital Construction Fund Subtotal</b>	<b>\$11.6</b>	<b>\$1.7</b>	<b>\$5.0</b>	<b>\$5.8</b>	<b>\$3.9</b>	<b>\$28.0</b>
<b>Grand Total</b>	<b>\$85.4</b>	<b>\$72.6</b>	<b>\$140.6</b>	<b>\$167.5</b>	<b>\$7.4</b>	<b>\$473.5</b>

Source: Legislative Council Staff.

## Three-Year Outlook — State-Funded Capital Need Versus Funding Projected to Be Available

State law requires the CDC to forecast the state's future needs for capital construction and controlled maintenance, although the term "need" is not defined in state law. State departments and institutions annually submit plans to the CDC that list their capital construction needs for the next five years. Based on these requests and expected revenues, there is a \$3.3 billion shortfall projected over the next three years. The estimated three-year capital need is \$3.3 billion. Of this amount, controlled

maintenance needs total \$442.8 million, or 13.2 percent, and capital construction needs total \$2.9 billion, or 86.8 percent.

## **2019 and 2020 Long Bill Appropriations**

The total amount of funding for capital projects, excluding information technology projects, in the final 2019 Long Bill was \$224.6 million, including \$156.1 million for state-funded projects and \$68.5 million for cash-funded projects and the cash component of various state-funded projects. Of the amount appropriated through state funds, \$101.5 million (65.0 percent) was allocated to capital construction projects and \$54.6 million (35.0 percent) to controlled maintenance. A total of 74 capital projects were listed in the 2019 Long Bill for funding in FY 2019-20, including:

- 7 state department capital construction projects totaling \$36.0 million in state funds;
- 6 higher education capital construction projects totaling \$65.6 million in state funds and \$50.2 million in cash funds;
- 56 state-funded controlled maintenance projects totaling \$54.6 million in state funds and \$2.1 million in cash funds; and
- 5 cash-funded state department projects totaling \$15.7 million.

Funding for the 74 projects includes:

- \$67.8 million from cash funds;
- \$0.4 million in federal funds;
- \$0.3 million from the Highway Users Tax Fund;
- \$92.2 million transferred from the General Fund to the CCF pursuant to Senate Bill 19-214;
- \$60.0 million transferred from the General Fund to the CCF pursuant to Senate Bill 17-262;
- \$1.4 million in unobligated CCF balance;
- \$0.3 million in depreciation-lease equivalent payments;
- \$2.3 million in CCF interest earnings from FY 2018-19;
- \$1.0 million transferred from the State Historical Fund to the CCF; and
- \$0.5 million from the General Fund Exempt Account for highway construction projects.

## **Breakdown of State-Funded Projects**

Of the \$156.1 million in state funds included in FY 2019-20 for capital construction, state departments received \$60.5 million (38.8 percent) of the funding allocation. Of this amount, the Department of Personnel and Administration received \$2.1 million for the emergency fund for controlled maintenance, which can be used for state departments and higher education institutions. Higher education institutions received \$95.6 million (61.2 percent) of the state-funded total.

Figure D lists the number of state-funded projects by category and notes the state-funded portion for each.

**Figure D**  
**Summary of State-Funded FY 2019-20 Projects**

<b>Category</b>	<b># of State Department Projects</b>	<b>State Department Amount</b>	<b># of Higher Education Projects</b>	<b>Higher Education Amount</b>	<b>Total Amount</b>
Capital Construction Projects	7	\$35,958,540	6	\$65,602,629	\$101,561,169
Controlled Maintenance Projects	21	\$24,591,381	35	\$29,970,307	\$54,561,688
<b>Totals</b>	<b>28</b>	<b>\$58,049,921</b>	<b>41</b>	<b>\$95,572,936</b>	<b>\$156,122,857</b>

The total amount of funding for capital projects, excluding information technology projects, in the final 2020 Long Bill was \$105.7 million, including \$2.5 million for state-funded projects and \$103.2 million for cash-funded projects, the cash component of various state-funded projects, and the federally funded component of one state-funded project. Of the amount appropriated through state funds, \$0.5 million (20.0 percent) was allocated to capital construction projects and \$2.0 million (80.0 percent) to controlled maintenance. A total of 14 capital projects were listed in the 2020 Long Bill for funding in FY 2020-21, including:

- 2 state department capital construction projects totaling \$2.5 million in state funds;
- 3 higher education capital construction projects totaling \$43.7 million in cash funds; and
- 9 cash-funded state department projects totaling \$81.4 million.

### **Other Action Taken by the CDC**

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In addition to making recommendations for FY 2019-20 and FY 2020-21 capital construction and controlled maintenance projects, the CDC acted on a number of other items during FY 2018-19 and FY 2019-20.

State departments and higher education institutions must submit requests for substantive changes to a capital project, including requests for supplemental funding, extensions of time, and changes to project scope, to the CDC. The CDC considered and approved 13 such requests during FY 2018-19 and FY 2019-20. The combined impact of the 13 supplemental requests is \$11.1 million in state funds and \$112.4 million in cash funds spending authority.

Colorado law requires any department or institution that does not initiate a project and encumber funds within six months of the appropriation date to request a waiver of the six-month encumbrance deadline from the CDC. The CDC approved nine six-month waiver requests during FY 2018-19 and FY 2019-20.

The CDC favorably recommended 11 property transactions submitted by the Colorado Division of Parks and Wildlife, Department of Natural Resources in FY 2018-19 and FY 2019-20.

Cash-funded higher education projects are submitted to the CDC for review as part of a two-year projection of cash need subject to certain thresholds. The CDC approved or reauthorized 27 cash-funded higher education projects during FY 2018-19 and FY 2019-20.

## **2019 and 2020 Legislation Impacting Capital Construction Funding or the Capital Development Process**

The General Assembly considered a number of bills during the 2019 and 2020 legislative sessions that affect capital construction and the duties of the CDC. These bills address: spending on, and revenue for, capital construction projects; changes in committee processes and oversight; the Building Excellent School Today capital construction program for preK-12 schools; and other issues affecting the capital process.

# I. Statutory Establishment and Responsibilities of the Capital Development Committee

## **Establishment of the Capital Development Committee**

The Capital Development Committee (CDC) was established in 1985 (House Bill 85-1070), and its statutory charge is found under Section 2-3-1301, *et seq.*, C.R.S. The CDC is a joint committee, consisting of three members of the House of Representatives and three members of the Senate. Each house is represented by two members of the majority party and one member of the minority party. The CDC is required to elect a chair and a vice-chair each year. The chair alternates between the House and Senate each year. The chair elected in fall 2018 was a House member; in fall 2019 the chair was a Senate member.

## **Responsibilities of the Capital Development Committee**

The CDC has the following statutory responsibilities:

- consider funding requests for capital construction, capital renewal, and controlled maintenance projects submitted by state departments and higher education institutions, including regular and emergency supplemental capital construction requests;
- prioritize recommendations for supplemental capital construction, capital renewal, and controlled maintenance budget requests for submittal to the Joint Budget Committee (JBC) no later than January 15 of each year;
- prioritize recommendations for the funding of regular capital construction, capital renewal, and controlled maintenance budget requests for submittal to the JBC no later than February 15 of each year;
- forecast the state's requirements for capital construction, capital renewal, controlled maintenance, and the acquisition of capital assets for the next fiscal year and the following four fiscal years;
- forecast the projected available revenue to meet the state's requirements for capital construction, controlled maintenance, and capital renewal for the current and next two fiscal years;
- consider cash-funded capital construction projects submitted by higher education institutions to be commenced without legislative authorization in an appropriations bill;
- make recommendations to the JBC regarding requests to borrow for cash-funded capital construction projects under the Higher Education Revenue Bond Intercept Program;

- study the capital construction request from the Transportation Commission within the Colorado Department of Transportation for state highway reconstruction, repair, and maintenance, and determine the projects that may be funded from money available in the Capital Construction Fund;
- consider requests for waivers of the six-month encumbrance deadline for capital construction appropriations;
- review and recommend minimum building codes for all construction by state agencies on state-owned or state lease-purchased properties or facilities;
- review the annual capital construction and controlled maintenance requests from the Governor's Office of Information Technology (OIT) regarding the Public Safety Communications Trust Fund;
- review the annual report from the Department of Personnel and Administration (DPA) regarding the high performance certification program, pursuant to Senate Bill 07-051;
- review high performance certification program estimates that are expected to increase building costs by more than 5 percent;
- annually review guidelines developed by the Office of the State Architect (OSA), within the DPA, to determine the timing of eligibility of projects for state controlled maintenance funding;
- annually review and approve guidelines developed by the OSA pertaining to the classification of academic and auxiliary facilities on higher education institution campuses;
- review modifications to the master plan for the Capitol Complex developed by the DPA, pursuant to Senate Bill 13-263;
- annually review and approve Building Excellent Schools Today (BEST) Program grant awards for pre-school through 12th grade capital construction to be financed through lease-purchase agreements;
- review the proposed acquisition, construction, renovation, or improvement of commercial real property by the State Board of Land Commissioners through lease-purchase agreements, as authorized through House Bill 13-1274;
- annually publish a list of undeveloped real property owned or under the control of all state agencies and institutions of higher education;
- review all acquisitions of real property by state agencies;
- review real property transaction proposals by the Colorado Division of Parks and Wildlife and comment on the proposals to the Colorado Parks and Wildlife Commission;



- review real property transaction proposals, as administered by the executive director of the DPA, and comment on the proposals to the executive director;
- review real property transaction proposals by the Department of Military and Veterans Affairs and comment on the transactions to the Adjutant General;
- receive an annual report from the DPA concerning state department and higher education institution facility management plans for vacant or abandoned state buildings; and
- consider recommendations from the State Capitol Building Advisory Committee with respect to any plans to restore, redecorate, or reconstruct space within the public and ceremonial areas of the State Capitol Building and the surrounding grounds.

## **Types of Projects That Qualify for State Funding**

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The term "capital" collectively refers to three types of budget requests: (1) capital construction; (2) capital renewal; and (3) controlled maintenance. Capital construction includes the following:

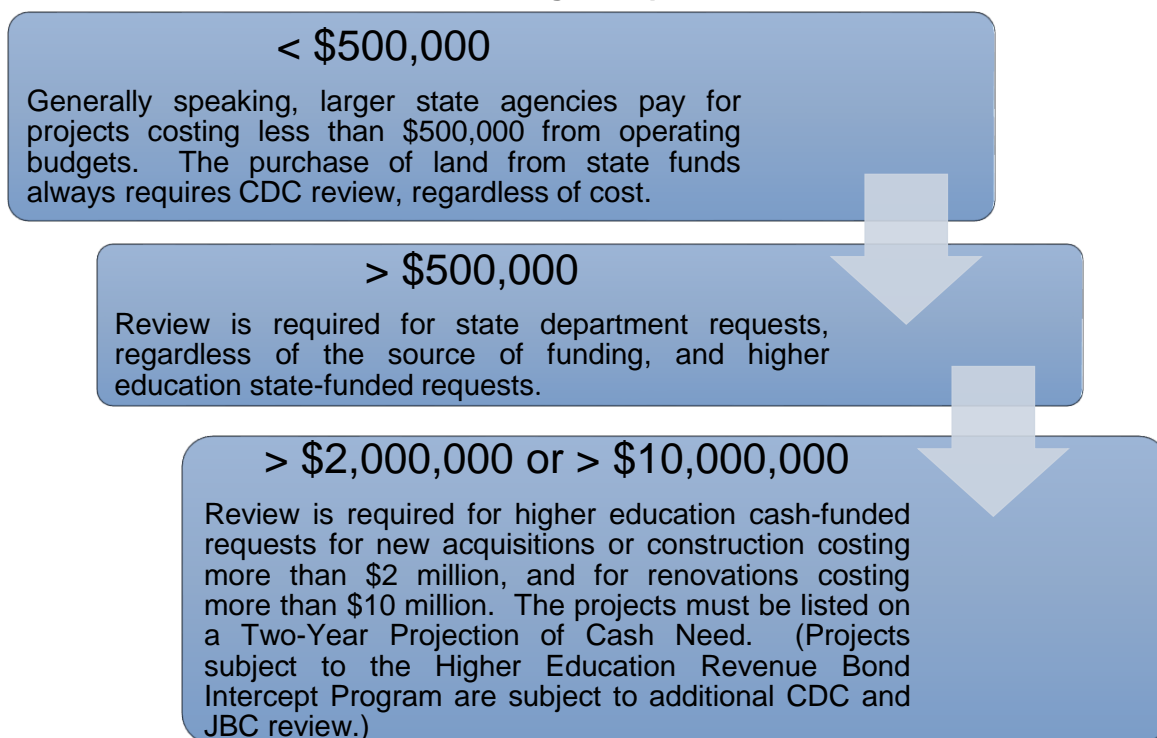
- the acquisition of a capital asset, including real property, fixed equipment, and moveable equipment;
- the acquisition of any item of instructional or scientific equipment that costs more than \$50,000, except for cash-funded purchases made by institutions of higher education;
- the disposition of state-owned property;
- the construction, demolition, remodeling, or renovation of state-owned property;
- site improvement or development of state-owned property;
- the installation of fixed or movable equipment necessary for the operation of new, remodeled, or renovated state-owned property;
- the installation of fixed or movable equipment necessary for the conduct of programs in or on state-owned property; and
- contracting for the services of architects, engineers, and other consultants to prepare plans, program documents, life-cycle cost studies, energy analyses, and other studies associated with any capital construction project or to supervise capital construction.

Information technology capital budget requests are reviewed by the Joint Technology Committee; however, they are funded through the capital construction budget.

## Capital Construction

*Capital construction* budget requests are generally program-driven. An institution or department must justify a capital request based on how a project will allow it to improve or alter its ability to provide a certain program or service. Examples of capital construction projects include constructing a new state prison, renovating a biology building at a state university to accommodate new or expanded programming, and developing an automated fingerprinting identification system. Figure 1.1 illustrates the dollar threshold triggering review of capital construction budget requests for state departments and higher education institutions.

**Figure 1.1**  
**Dollar Threshold Triggering Review of Capital Construction Budget Requests**



## Controlled Maintenance

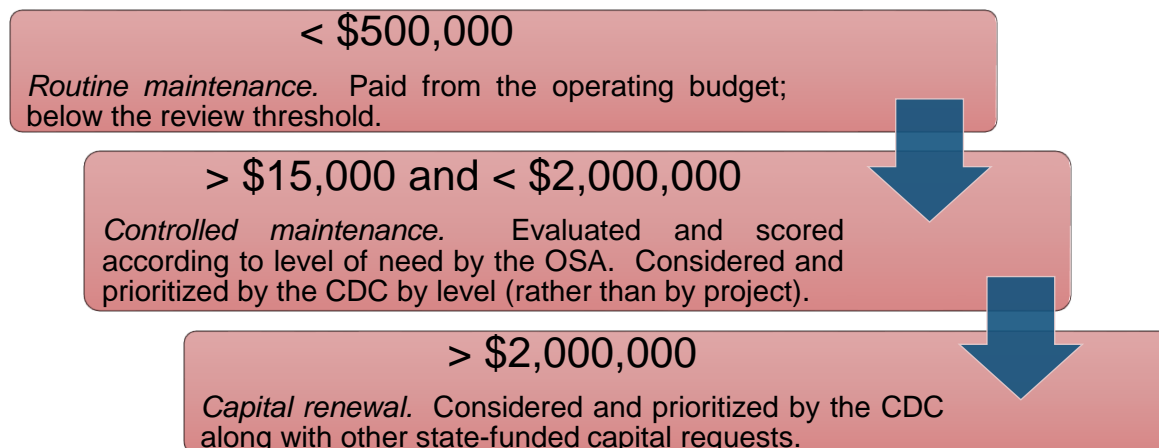
Controlled maintenance budget requests are system- or maintenance-driven and typically address facility component systems at the end of their useful life. As such, controlled maintenance involves site improvements and corrective repairs or replacement of the utilities and equipment necessary for the operation of state-owned property, including improvements for health, life safety, and code requirements. Existing state-owned, General Fund-operated buildings and physical facilities and academic buildings constructed or acquired using cash funds before July 1, 2018, are eligible for controlled maintenance funding. Examples of controlled maintenance projects include replacing deteriorated mechanical equipment and upgrading fire alarm systems.

## Capital Renewal

*Capital renewal* budget requests are also system- or maintenance-driven, and address controlled maintenance issues that exceed \$2 million in costs in a single fiscal year or phase, or have grown in scope and are better addressed building by building, rather than system by system. Capital renewal budget requests are prioritized by the CDC along with capital construction budget requests. An example of a capital renewal project is upgrading or replacing the mechanical, electrical, and fire suppression systems in a classroom building.

By contrast, operational maintenance is intended to maintain facilities and their component systems to the end of their expected useful life cycles. In Colorado, agencies submit requests for operational maintenance directly to the JBC within their operating budgets. However, Joint Rule 45 states that state-funded and cash-funded capital construction projects costing more than \$500,000 are reviewed and prioritized by the CDC. The \$500,000 threshold does not apply to cash-funded higher education projects. Figure 1.2 illustrates the thresholds for controlled maintenance budget requests.

**Figure 1.2**  
**Dollar Threshold Triggering Categorization and Review of Controlled Maintenance Budget Requests**



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## II. Five-Year History of State Funding for Capital Projects

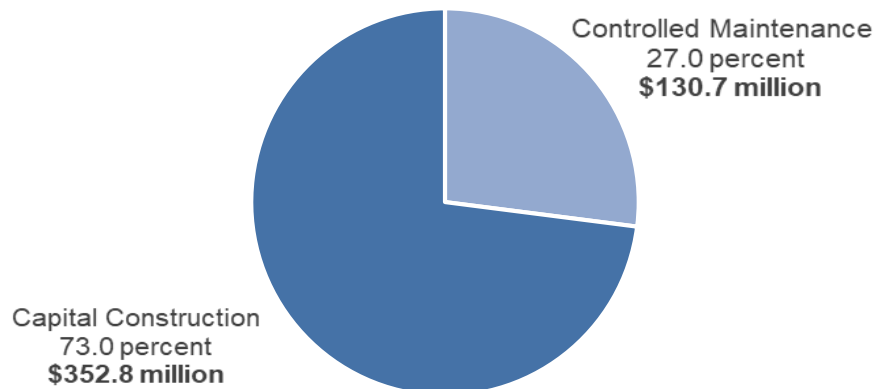
This chapter provides a five-year history of state spending for capital construction and controlled maintenance projects. It also provides information regarding the gross square footage of all state-owned facilities.

### Five-Year History of Capital Funding

State funding for capital projects totaled \$483.4 million for the five-year period ending in FY 2020-21. The high point in total spending during the five-year period came in FY 2019-20, when \$156.1 million was appropriated for capital projects. This exceeds the total amount of funding for capital projects in FY 2020-21 by \$146.7 million, which was the lowest year of capital spending over the five-year period. The FY 2020-21 spending total of \$9.4 million represents 2.0 percent of the total amount funded over the five-year period.

It should be noted that FY 2018-19 capital funding was augmented by \$119.9 million from Senate Bill 17-267, which authorized the issuance of certificates of participation to fund capital construction and transportation projects. Amounts in this chapter only reflect the CDC's regular budget process over the past five years. Because these additional funds were not appropriated through a budget bill and fall outside the regular capital funding process, they are not reflected in this chapter. Additional legislation authorized up to \$114.5 million for capital projects, including controlled maintenance projects, for FY 2020-21. As these additional funds also fall outside the regular capital funding process, they are likewise not reflected in this chapter. Figure 2.1 shows a five-year funding history for capital construction projects by category.

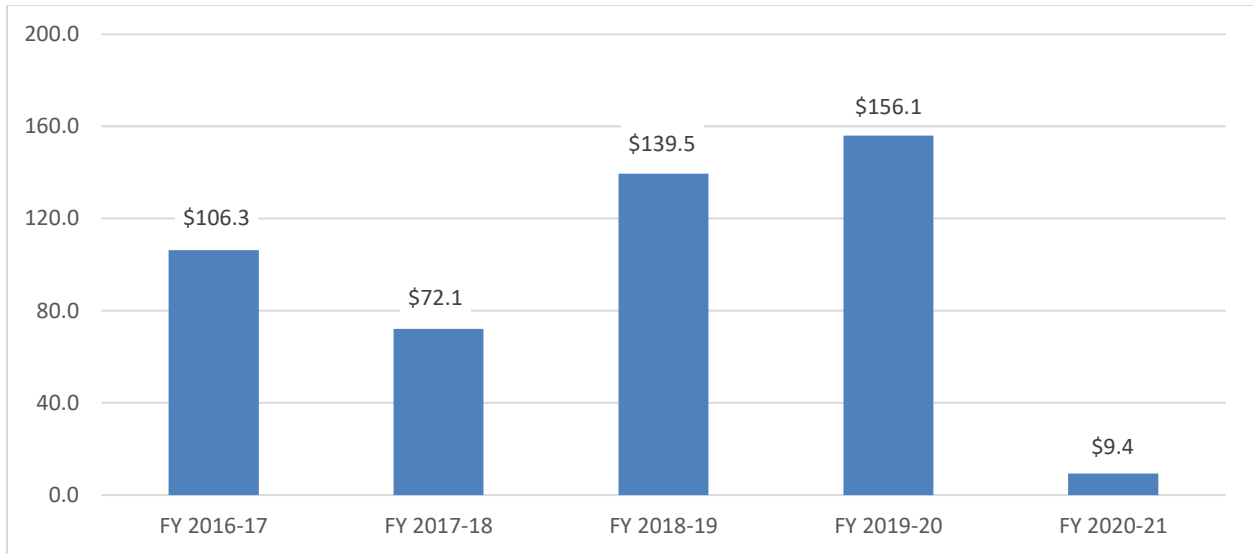
**Figure 2.1**  
**Capital Funding by Project Type**  
**FY 2016-17 to FY 2020-21**  
**Five-Year Total = \$483.4 million**



<sup>1</sup>Totals may not sum due to rounding.

Figure 2.2 provides a five-year overview of capital funding.

**Figure 2.2**  
**Five-Year History of Capital Funding (in millions)**



State departments received \$236.7 million (49.0 percent) of total capital funding over the five-year period, while higher education institutions received \$246.8 million (51.0 percent). The three entities receiving the most funding over the past five years are:

- Department of Human Services, \$84.8 million (17.6 percent);
- Colorado State University System, \$58.7 million (12.1 percent); and
- Colorado Community College System, \$57.5 million (11.9 percent).

Figure 2.3 shows the funding split between state departments and higher education institutions.

**Figure 2.3**  
**Five-Year History of Capital Funding (in millions)**

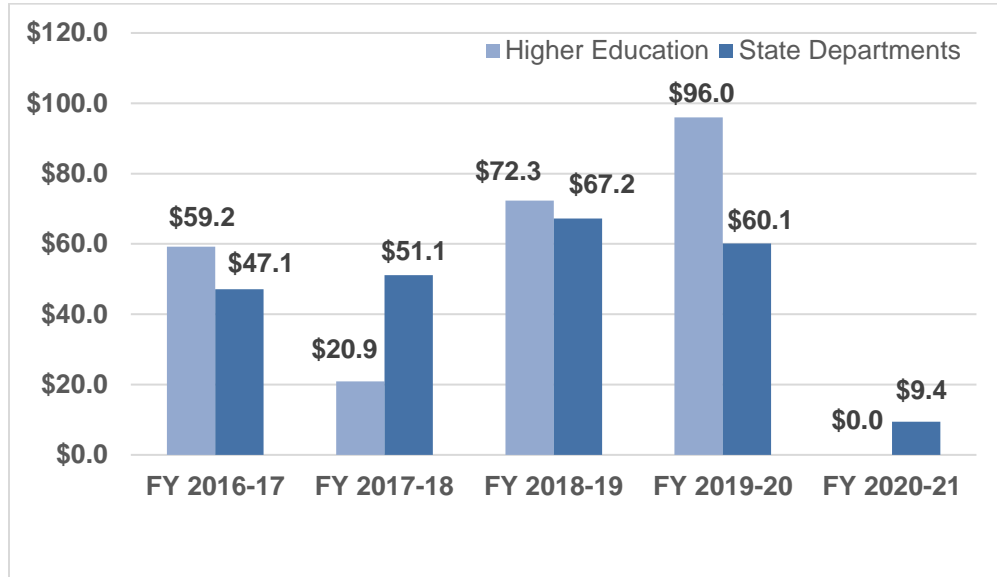


Figure 2.4 ranks the capital construction and controlled maintenance funding for the last five fiscal years by the total amount of state funds appropriated to each agency. Figure 2.5 provides a five-year history for the state-funded portion of capital construction and controlled maintenance funding for each state department and higher education institution by fiscal year. Figure 2.5 also shows the distribution of project funding for state departments versus higher education institutions. The funding amounts in these tables only reflect funding from state sources, including the Capital Construction Fund and the General Fund.

**Figure 2.4**  
**Five-Year History of State-Funded Capital Funding by Funding Amount**  
**FY 2016-17 to FY 2020-21**

<b>Overall Rank</b>	<b>Department/Institution</b>	<b>Five-Year Capital Construction and Controlled Maintenance Funding</b>	<b>Percent of Total</b>	<b>Capital Construction Funding</b>	<b>CC Rank</b>	<b>Controlled Maintenance Funding</b>	<b>CM Rank</b>
1	Human Services	\$84,848,293	17.6%	\$75,044,212	1	\$9,804,081	3
2	Office of Information Technology	42,452,143	8.8%	41,379,808	2	1,072,335	30
3	Colorado State University	39,266,445	8.1%	30,481,863	4	8,784,582	4
4	Personnel and Administration	37,717,372	7.8%	19,973,324	6	17,744,048	2
5	University of Colorado Denver	34,386,979	7.1%	32,193,892	3	2,193,087	19
6	Corrections	29,377,328	6.1%	7,875,861	13	21,501,467	1
7	Front Range Community College	29,115,805	6.0%	26,046,108	5	3,069,697	10
8	Auraria Higher Education Center	21,251,090	4.4%	18,488,778	7	2,762,312	13
9	Colorado State University — Pueblo	19,386,013	4.0%	16,812,751	8	2,573,262	15
10	University of Northern Colorado	19,224,427	4.0%	15,000,000	9	4,224,427	8
11	Colorado School of Mines	16,187,955	3.3%	10,356,741	11	5,831,214	6
12	Colorado Mesa University	11,561,154	2.4%	10,703,573	10	857,581	33
13	Governor - OSPB	11,237,791	2.3%	10,316,372	12	921,419	32
14	Education	9,895,516	2.0%	7,600,185	14	2,295,331	18
15	Pueblo Community College	8,547,147	1.8%	5,807,143	16	2,740,004	14
16	Military and Veterans Affairs	7,706,805	1.6%	6,177,040	15	1,529,765	25
17	Western Colorado University	7,448,258	1.5%	3,462,912	18	3,985,346	9
18	University of Colorado at Boulder	7,262,525	1.5%	0	24	7,262,525	5
19	Adams State University	6,224,217	1.3%	3,252,559	19	2,971,658	11
20	Fort Lewis College	5,472,751	1.1%	3,003,260	20	2,469,491	16
21	Public Health and Environment	4,356,536	0.9%	4,356,536	17	0	36



**Figure 2.4 (Cont.)**  
**Five-Year History of State-Funded Capital Funding by Funding Amount**  
**FY 2016-17 to FY 2020-21**

<b>Overall Rank</b>	<b>Department/Institution</b>	<b>Five-Year CC and CM Funding</b>	<b>Percent of Total</b>	<b>Capital Construction Funding</b>	<b>CC Rank</b>	<b>Controlled Maintenance Funding</b>	<b>CM Rank</b>
22	Pikes Peak Community College	\$4,282,964	0.9%	\$0	25	\$4,282,964	7
23	Red Rocks Community College	2,816,040	0.6%	0	26	2,816,040	12
24	Transportation	2,802,000	0.6%	2,802,000	21	0	37
25	Agriculture	2,416,380	0.5%	0	27	2,416,380	17
26	Otero Junior College	1,867,065	0.4%	0	28	1,867,065	20
27	History Colorado	1,781,111	0.4%	300,000	23	1,481,111	26
28	Lamar Community College	1,726,995	0.4%	0	29	1,726,995	21
29	Arapahoe Community College	1,692,460	0.4%	0	30	1,692,460	22
30	Northeastern Junior College	1,637,120	0.3%	0	31	1,637,120	23
31	University of Colorado at Colorado Springs	1,571,965	0.3%	0	32	1,571,965	24
32	Morgan Community College	1,408,400	0.3%	0	33	1,408,400	27
33	Revenue	1,351,599	0.3%	1,351,599	22	0	38
34	Colorado Community Colleges System	1,316,448	0.3%	0	34	1,316,448	28
35	Trinidad State Junior College	1,281,211	0.3%	0	35	1,281,211	29
36	Colorado Community Colleges Lowry	1,009,203	0.2%	0	36	1,009,203	31
37	Colorado Northwestern Community College	826,045	0.2%	0	37	826,045	34
38	Public Safety	728,106	0.2%	0	38	728,106	35

**Figure 2.5  
Five-Year History of State-Funded Capital Funding by Agency**

<b>Department/Institution</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Five-Year Capital Construction and Controlled Maintenance Funding</b>	<b>Percent of Total</b>
<b>Higher Education Institutions</b>							
Adams State University	\$1,514,508	\$297,095	\$3,374,989	\$1,037,625	\$0	\$6,224,217	1.3%
Auraria Higher Education Center	1,167,631	664,242	930,439	18,488,778	0	21,251,090	4.4%
Colorado Mesa University	9,230,212	300,608	1,473,361	556,973	0	11,561,154	2.4%
Colorado School of Mines	343,275	3,976,458	7,735,722	4,132,500	0	16,187,955	3.3%
Colorado State University System							
Colorado State University	13,939,373	2,371,440	5,678,307	17,277,325	0	39,266,445	8.1%
Colorado State University — Pueblo	0	951,862	16,812,751	1,621,400	0	19,386,013	4.0%
<i>Colorado State University System Subtotal</i>	<i>13,939,373</i>	<i>3,323,302</i>	<i>22,491,058</i>	<i>18,898,725</i>	<i>0</i>	<i>58,652,458</i>	<i>12.1%</i>
<b>Community Colleges</b>							
Arapahoe Community College	0	0	0	1,692,460	0	1,692,460	0.4%
Colorado Community Colleges Lowry	0	498,036	511,167	0	0	1,009,203	0.2%
Colorado Community Colleges System	0	0	0	1,316,448	0	1,316,448	0.3%
Colorado Northwestern Community College	0	0	0	826,045	0	826,045	0.2%
Front Range Community College	1,037,689	880,198	14,375,067	12,822,851	0	29,115,805	6.0%
Lamar Community College	0	0	0	1,726,995	0	1,726,995	0.4%
Morgan Community College	0	0	612,000	796,400	0	1,408,400	0.3%
Northeastern Junior College	467,500	646,982	0	522,638	0	1,637,120	0.3%
Otero Junior College	647,500	500,000	0	719,565	0	1,867,065	0.4%
Pikes Peak Community College	1,071,012	967,621	991,956	1,252,375	0	4,282,964	0.9%
Pueblo Community College	6,720,351	962,550	0	864,246	0	8,547,147	1.8%
Red Rocks Community College	0	995,600	253,462	1,566,978	0	2,816,040	0.6%
Trinidad State Junior College	0	0	0	1,281,211	0	1,281,211	0.3%
<i>Community Colleges Subtotal</i>	<i>9,944,052</i>	<i>5,450,987</i>	<i>16,743,652</i>	<i>25,388,212</i>	<i>0</i>	<i>57,526,903</i>	<i>11.9%</i>
Fort Lewis College	650,911	179,742	3,003,260	1,638,838	0	5,472,751	1.1%

**Figure 2.5 (Cont.)  
Five-Year History of State-Funded Capital Funding by Agency**

<b>Department/Institution</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Five-Year CC and CM Funding</b>	<b>Percent of Total</b>
<b>Higher Education Institutions</b>							
University of Colorado System							
University of Colorado at Boulder	\$2,225,182	\$2,110,709	\$763,713	\$2,162,921	\$0	\$7,262,525	1.5%
University of Colorado at Colorado Springs	0	701,163	0	870,802	0	1,571,965	0.3%
University of Colorado Denver	742,193	723,467	12,346,906	20,574,413	0	34,386,979	7.1%
<i>University of Colorado System Subtotal</i>	<i>2,967,375</i>	<i>3,535,339</i>	<i>13,110,619</i>	<i>23,608,136</i>	<i>0</i>	<i>43,221,469</i>	<i>8.9%</i>
University of Northern Colorado	17,122,824	1,611,931	0	489,672	0	19,224,427	4.0%
Western Colorado University	1,651,869	1,000,000	3,462,912	1,333,477	0	7,448,258	1.5%
<b>Higher Education Subtotal</b>	<b>\$58,532,030</b>	<b>\$20,339,704</b>	<b>\$72,326,012</b>	<b>\$95,572,936</b>	<b>\$0</b>	<b>\$246,770,682</b>	<b>51.0%</b>
<b>State Departments</b>							
Agriculture	0	0	888,932	1,527,448	0	2,416,380	0.5%
Corrections	3,451,377	8,054,006	6,921,879	10,950,066	0	29,377,328	6.1%
Education	7,600,185	1,322,910	0	972,421	0	9,895,516	2.0%
Governor - OSPB	0	0	0	11,237,791	0	11,237,791	2.3%
History Colorado	705,689	600,185	0	475,237	0	1,781,111	0.4%
Human Services	12,473,126	13,929,681	34,646,717	23,798,769	0	84,848,293	17.6%
Military and Veterans Affairs	667,130	3,974,915	0	3,064,760	0	7,706,805	1.6%
Office of Information Technology	11,388,707	10,316,372	20,747,064	0	0	42,452,143	8.8%
Personnel and Administration	9,674,248	11,484,010	3,150,000	7,295,323	6,113,791	37,717,372	7.8%
Public Health and Environment	0	1,535,030	0	0	2,821,506	4,356,536	0.9%
Public Safety	0	0	0	728,106	0	728,106	0.2%
Revenue	1,351,599	0	0	0	0	1,351,599	0.3%
Transportation	500,000	500,000	802,000	500,000	500,000	2,802,000	0.6%
<b>State Departments Subtotal</b>	<b>\$47,812,061</b>	<b>\$51,717,109</b>	<b>\$67,156,592</b>	<b>\$60,549,921</b>	<b>\$9,435,297</b>	<b>\$236,670,980</b>	<b>49.0%</b>
<b>Grand Total</b>	<b>\$106,344,091</b>	<b>\$72,056,813</b>	<b>\$139,482,604</b>	<b>\$156,122,857</b>	<b>\$9,435,297</b>	<b>\$483,441,662</b>	<b>100.0%</b>

## Gross Square Footage of State Facilities

As of December 2019, the total square footage of state-occupied facilities was 81.1 million gross square feet (GSF), according to the Office of the State Architect (OSA). The estimated current replacement value (CRV) is \$20.7 billion. The CRV is based on the insured value of a building assigned by the Office of Risk Management within the Department of Personnel and Administration or, in some instances, by a higher education institution. Of the total GSF, 48.1 million GSF reflects the square footage of state-owned buildings funded or maintained by the General Fund (state funds), including academic buildings on higher education campuses constructed from state funds or from cash funds before July 2019. The estimated CRV of this 48.1 million GSF is \$13.3 billion. The highest ratio of CRV per GSF of all state-owned buildings is \$884 per GSF for the State Capitol Building. The total GSF of state-occupied facilities grew by 0.5 million GSF, or 1.0 percent, between calendar year 2018 and calendar year 2019. The total CRV increased by \$0.7 billion, or 3.6 percent, during the same period.

Higher education institution facilities account for 69.2 percent of the total state inventory, and state department facilities account for the remaining 30.8 percent. The two largest higher education institutions, based on total GSF, are the University of Colorado at Boulder and Colorado State University, which account for 15.4 percent and 15.2 percent, respectively, of the total state inventory. The three largest state departments, based on total GSF, are the Departments of Corrections, Transportation, and Human Services, which account for 8.5 percent, 5.0 percent, and 4.9 percent, respectively, of the total inventory of state buildings. Figure 2.6 shows the total GSF of each agency, including the GSF of General Fund buildings, and the CRV. The Capitol Complex is used by the legislative branch and several state departments. Appendix 1 shows a five-year history of the total GSF and CRV growth by department, including the GSF of General Fund buildings. During the five-year period, the total inventory of state buildings grew by 5.3 percent.

**Figure 2.6**  
**Gross Square Footage by State Agency (as of December 2019)**

Department/Institution	Total GSF - All Buildings	% of Total	CRV (\$ in millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in millions)
<b>State Departments</b>						
Agriculture	678,381	0.84%	71.1	678,381	1.41%	71.3
Capitol Complex	1,686,824	2.08%	538.5	1,492,344	3.10%	526.5
Corrections	6,900,688	8.51%	1,390.3	6,440,975	13.39%	1,357.4
Education	322,484	0.40%	65.5	322,484	0.67%	65.5
History Colorado	457,182	0.56%	89.1	255,472	0.53%	41.2
Human Services	3,927,394	4.84%	774.7	3,458,647	7.19%	688.2
Judicial	855,439	1.05%	149.9	0	0.00%	0
Labor and Employment	142,660	0.18%	21.5	0	0.00%	0
Local Affairs	575,141	0.71%	109.1	575,141	1.20%	109.1

**Figure 2.6 (Cont.)**  
**Gross Square Footage by State Agency (as of December 2019)**

<b>Department/Institution</b>	<b>Total GSF - All Buildings</b>	<b>% of Total</b>	<b>CRV (\$ in millions)</b>	<b>GSF - General Fund Buildings</b>	<b>% of Total</b>	<b>CRV (\$ in millions)</b>
<b>State Departments (Cont.)</b>						
Military and Veterans Affairs	1,713,723	2.11%	313.1	784,101	1.63%	122.2
Natural Resources	3,006,844	3.71%	495.2	0	0.00%	0
Office of Information Technology	29,261	0.04%	5.0	29,261	0.06%	5.0
Public Health and Environment	131,441	0.16%	69.8	131,441	0.27%	69.8
Public Safety	362,150	0.45%	82.4	338,816	0.70%	74.2
Revenue	138,642	0.17%	20.1	119,502	0.25%	16.8
Transportation	4,057,721	5.00%	1,498.0	0	0.00%	0
<b>State Departments Subtotal</b>	<b>24,967,975</b>	<b>30.80%</b>	<b>5,693.2</b>	<b>14,626,565</b>	<b>30.41%</b>	<b>3,147.2</b>
<b>Higher Education</b>						
Adams State University	1,195,406	1.47%	288.4	670,253	1.39%	174.8
Auraria Higher Education Center	3,991,508	4.92%	741.0	2,349,873	4.89%	568.0
Colorado Mesa University	2,292,085	2.83%	555.8	978,389	2.03%	263.9
Colorado School of Mines	2,764,279	3.41%	654.6	1,827,276	3.80%	457.5
Colorado State University (CSU) System						
CSU	12,360,480	15.24%	3,851.7	7,547,107	15.69%	2,781.9
CSU-Pueblo	1,421,327	1.75%	278.1	787,080	1.64%	171.2
<i>CSU Subtotal</i>	<i>13,781,807</i>	<i>16.99%</i>	<i>4,129.7</i>	<i>8,334,187</i>	<i>17.33%</i>	<i>2,953.1</i>
Community Colleges						
Arapahoe	425,153	0.52%	84.2	425,153	0.88%	84.2
Aurora	142,611	0.18%	29.7	142,611	0.30%	29.7
Front Range	761,126	0.94%	190.6	717,472	1.49%	180.5
Lamar	306,623	0.38%	51.2	242,607	0.50%	38.9
Lowry	949,728	1.17%	131.9	949,728	1.97%	131.9
Morgan	144,761	0.18%	31.9	141,620	0.29%	30.9
Northeastern	553,320	0.68%	100.6	327,430	0.68%	56.0
Northwestern	371,137	0.46%	63.7	287,222	0.60%	52.4
Otero	357,106	0.44%	61.4	256,105	0.53%	44.8

**Figure 2.6 (Cont.)**  
**Gross Square Footage by State Agency (as of December 2019)**

<b>Department/Institution</b>	<b>Total GSF - All Buildings</b>	<b>% of Total</b>	<b>CRV (\$ in millions)</b>	<b>GSF - General Fund Buildings</b>	<b>% of Total</b>	<b>CRV (\$ in millions)</b>
<b>Higher Education (Cont.)</b>						
Community Colleges (Cont.)						
Pikes Peak	662,296	0.82%	117.3	611,897	1.27%	106.3
Pueblo	508,593	0.63%	98.6	445,551	0.93%	95.2
Red Rocks	573,134	0.71%	124.2	537,316	1.12%	113.2
Trinidad	394,101	0.49%	74.9	312,690	0.65%	61.8
<i>Community Colleges Subtotal</i>	<i>6,149,689</i>	<i>7.58%</i>	<i>1,160.2</i>	<i>5,397,402</i>	<i>11.22%</i>	<i>1,025.7</i>
Fort Lewis College	1,390,562	1.71%	518.5	803,579	1.67%	288.6
University of Colorado (CU) System						
CU-Boulder	12,464,360	15.37%	3,196.1	5,580,573	11.60%	1,589.6
CU-Colorado Springs	2,829,740	3.49%	769.1	1,220,636	2.54%	500.4
CU-Denver	5,075,671	6.26%	2,044.7	4,050,594	8.42%	1,775.9
<i>CU Subtotal</i>	<i>20,369,771</i>	<i>25.11%</i>	<i>6,009.8</i>	<i>10,851,803</i>	<i>22.56%</i>	<i>3,866.0</i>
University of Northern Colorado	3,074,268	3.79%	691.9	1,536,936	3.20%	411.4
Western Colorado University	1,121,374	1.38%	277.8	721,612	1.50%	193.3
<b>Higher Education Subtotal</b>	<b>56,130,549</b>	<b>69.20%</b>	<b>15,027.8</b>	<b>33,471,110</b>	<b>69.59%</b>	<b>10,202.2</b>
<b>Grand Total</b>	<b>81,098,524</b>	<b>100.00%</b>	<b>20,721.1</b>	<b>48,097,675</b>	<b>100.00%</b>	<b>13,349.4</b>

### III. Five-Year History of Revenue for State-funded Capital Construction Projects

This chapter provides a five-year history of revenue for state-funded capital construction projects. Project costs are paid from the Capital Construction Fund (CCF). Most of the revenue in the CCF is made available through General Fund transfers.

#### **Revenue Made Available for Capital Projects**

Revenue made available for capital projects from all state sources during the five-year period totaled \$468.7 million. Of this amount, \$167.5 million, or 35.7 percent, was made available for FY 2019-20 projects, and \$2.6 million, or 0.6 percent, was made available for FY 2020-21 projects. The totals in this chapter do not include the auxiliary funding discussed in Chapter II. Funding for projects in both years was primarily made available through a General Fund transfer<sup>1</sup>. Figure 3.1 identifies the sources of revenue for capital projects during the five-year period and the amounts attributable to each source. A description of each source follows the figure.

**Figure 3.1**  
**Five-Year History of Revenue Made Available for Capital Projects (in millions)**  
**FY 2016-17 to FY 2020-21**

Revenue Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Five-Year Total
<b>General Fund</b>						
1a Transfers to fund prioritized projects identified during annual budget deliberations	\$73.3	\$70.4	\$134.0	\$161.2	\$2.0	\$440.9
1b Transfers from the General Fund Exempt Account	0.5	0.5	0.5	0.5	0.5	\$2.5
1c Appropriations to fund projects through separate legislation	0.0	0.0	1.1	0.0	1.0	\$2.1
<b>General Fund Subtotal</b>	<b>\$73.8</b>	<b>\$70.9</b>	<b>\$135.6</b>	<b>\$161.7</b>	<b>\$3.5</b>	<b>\$445.5</b>
<b>Capital Construction Fund</b>						
2 Interest earnings, reversions, and other deposits made by the legislature	\$9.6	\$0.7	\$4.0	\$4.8	\$4.8	\$23.9
3 Transfers from State Historical Fund for projects that meet certain grant criteria	\$1.0	\$1.0	\$1.0	\$1.0	\$(0.9)	\$3.1
4 Transfers of interest earnings on Controlled Maintenance Trust Fund	\$1.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.0
<b>Capital Construction Fund Subtotal</b>	<b>\$11.6</b>	<b>\$1.7</b>	<b>\$5.0</b>	<b>\$5.8</b>	<b>\$3.9</b>	<b>\$28.0</b>
<b>Grand Total</b>	<b>\$85.4</b>	<b>\$72.6</b>	<b>\$140.6</b>	<b>\$167.5</b>	<b>\$7.4</b>	<b>\$473.5</b>

Source: Legislative Council Staff.

<sup>1</sup> Does not include amounts from SB 20-219 or HB 20-1377.

**General Fund transfers.** The General Assembly, during annual budget deliberations, may transfer General Fund moneys to the CCF. This has been the primary means of funding capital construction and controlled maintenance projects during the five-year period. For FY 2019-20, the CCF received \$162.7 million in General Fund transfers for state-funded capital construction and controlled maintenance projects listed in the 2019 Long Bill, Senate Bill 19-207. For FY 2020-21, the CCF received \$2.5 million in General Fund transfers to the Controlled Maintenance Emergency Account in the 2020 Long Bill, House Bill 20-1360. In FY 2020-21, CCF also received \$1.0 million through Senate Bill 20-003.

**General Fund Exempt account transfers.** The General Fund Exempt account accrues revenue in excess of the TABOR limit, but less than the excess state revenue cap. The account was created after the passage of Referendum C in 2005. Money in the account may be spent, in part, on strategic transportation projects. Each year during the five-year period, \$500,000 for unspecified transportation projects has been included in the capital budget.

**Interest earnings and reversions.** Interest accruing to the CCF through the investment of money in the fund is retained in the fund. Interest earnings in a given fiscal year are generally used to fund capital projects in the subsequent fiscal year. In addition, project balances that are unencumbered and unexpended after three years are retained in the fund as reversions. The FY 2019-20 interest earnings and reversions totaled \$4.8 million and were designated to offset the cost of the FY 2019-20 capital projects. CCF interest earnings and reversions used for capital projects in FY 2020-21 totaled \$4.8 million.

**State Historical Fund.** The State Historical Fund, which is administered by History Colorado, is used, in part, to pay for grants for historic preservation projects. During the five-year period, \$4.0 million has been transferred from the fund on behalf of capital construction projects in the downtown Denver Capitol Complex. Most of the transfers have paid for restoration projects in the State Capitol Building. For FY 2019-20, \$1.0 million from the State Historical Fund was transferred to the CCF for repainting the interior of the dome of the State Capitol Building; in FY 2020-21, \$0.9 million of this amount was transferred from the fund to History Colorado's operating budget to cover losses from gaming revenues related to the covid-19 pandemic.

**Controlled Maintenance Trust Fund.** The General Assembly created the Controlled Maintenance Trust Fund (CMTF) in 1993 with the intent of establishing a stable and consistent source of revenue for controlled maintenance projects. The principal of the fund may not be expended or appropriated for any purpose other than use as part of the state emergency reserve. However, interest earnings on the fund can be spent for controlled maintenance. Interest earned on the CMTF has been available for appropriation for controlled maintenance projects since FY 1996-97. Each year, the legislature can appropriate for controlled maintenance up to 50 percent of the amount of interest expected to be earned on the principal during the current fiscal year and the amount of interest actually earned on the principal during the previous fiscal years, not to exceed a maximum of \$35.0 million. In FY 2016-17, \$1.0 million in interest earnings from the CMTF was transferred to the CCF to partially fund the controlled maintenance projects listed in the 2016 Long Bill. No other transfers of interest earnings have occurred during the five-year period.



## IV. Three-Year Outlook — State-Funded Capital Need Compared to Available Funding

This chapter provides a three-year summary of capital construction and controlled maintenance needs, and compares this need to revenue projected to be available over the same period.<sup>1</sup> State law requires the CDC to forecast the state's future needs for capital construction, controlled maintenance, and capital renewal, although the term "need" is not defined in state law. State departments and institutions annually submit plans to the CDC that list their capital construction needs for the next five years. Based on these requests and expected revenues, there is a \$3.3 billion shortfall projected over the next three years, as shown in Figure 4.2 on Page 22.

### State-Funded Capital Need

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The estimated three-year capital need is \$3.3 billion. Of this amount, controlled maintenance needs total \$442.8 million, or 13.2 percent, and capital construction needs total \$2.9 billion, or 86.8 percent.

**Controlled maintenance.** Industry standards recommend annual expenditures of 3 to 4 percent of a building's current replacement value (CRV) to operate, maintain, and renew building infrastructure and systems. As of December 2019, the existing inventory of state-owned buildings constructed or maintained by the General Fund was valued at \$13.3 billion. Based on industry standards, the State Architect recommends that a minimum of 1 percent of the CRV, or \$133.5 million annually be spent to maintain the state's facilities, and an additional 1 to 1.5 percent, or \$133.5 million to \$200.2 million annually, be spent to improve existing facilities.

Each December, the Office of the State Architect prepares a report detailing the state's current and future controlled maintenance needs. Based on data included in the December 2019 report, and accounting for controlled maintenance requested but not appropriated for FY 2020-21, there is an average annual controlled maintenance need of \$147.6 million per year over the next three years, or about 1.1 percent of the current replacement value of the state's General Fund-supported building inventory.

**Capital construction.** Each October, state departments and higher education institutions submit plans to the CDC listing their capital construction needs for the next five years. The plans submitted by agencies often include improvements to existing facilities, expansions, additions, and the construction of new buildings to meet growing or changing program and service needs. Capital construction needs over the next three years are projected to average \$966.7 million annually, based on the plans submitted by state departments and higher education institutions in October 2019 and the unfunded projects submitted for consideration for funding in FY 2020-21.

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<sup>1</sup>Section 2-3-1304 (1)(d), C.R.S., directs the CDC to forecast the revenue available to meet the state's capital need. This forecast should conform with the economic forecast period used by Legislative Council Staff. The revenue forecast period in this chapter, FY 2021-22 through FY 2023-24, is two years beyond that in the economic forecast published in September 2020. The forecast periods differ for purposes of better aligning the state's capital need with its projected available revenue.

*Certificates of participation.* The state is currently making payments on nine COP issuances used to pay for a number of capital construction projects. Seven of these annual lease payments are currently being made through the operating budget and are not included in the projection of state-funded capital need. Information on the state's outstanding COPs can be found in Appendix 2.

## **Anticipated Revenue**

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Typically, revenue to the CCF comes from depreciation-equivalent payments, interest earnings on the account balance, and interest earnings from the CMTF. Due to the dynamic nature of the current economic environment, and the possibility that the state will access alternate revenue sources for disaster emergency response and other obligations, actual CCF revenue may vary significantly from these projections.

Revenue to the CCF is expected to total \$25.7 million over the next three years. Figure 4.2 provides the revenue sources for the CCF for FY 2021-22 through FY 2023-24.

*Depreciation-equivalent payments pursuant to Senate Bill 15-211.* Senate Bill 15-211 created a funding mechanism intended to continuously reinvest an amount equivalent to the recorded depreciation of capital projects appropriated through the Long Bill in future capital projects.

Beginning with projects appropriated in the 2015 Long Bill, an amount equivalent to the calculated depreciation of a capital asset constructed, renovated, or repaired through a Long Bill appropriation must be reported each year of the asset's depreciation period. For state-funded projects, an amount equal to the calculated depreciation is identified in the state operating budget and appropriated from the General Fund to the CCF and the CMTF. For cash-funded projects, an amount equal to the calculated depreciation is identified and appropriated to an account within the cash fund.

For the purpose of projecting revenue available to the CCF from depreciation-equivalent payments, the following assumptions were made:

- 50 percent of capital construction projects will be completed within three years after an appropriation and 50 percent will not be completed and depreciable until after the fourth year;
- 85 percent of the state-funded construction cost of a project is depreciable (i.e., 15 percent is for non-depreciable components such as professional services); and

based on guidelines published by the Office of the State Controller in the March 31, 2020, Fiscal Procedures Manual:

- depreciation is not calculated on controlled maintenance and capital renewal projects;
- small capital projects (e.g., building renovations) have a depreciation period of 20 years; and
- large capital projects (e.g., new buildings) have a depreciation period of 40 years.

Additionally, it is assumed that land is not depreciable and that the straight-line method is used to calculate depreciation. The straight-line method assumes the same amount of depreciation for each year of the depreciation period.

Based on these assumptions, the automatic depreciation-equivalent transfers to the CCF and the CMTF are projected to be \$28.2 million over the next three years, as shown in Figure 4.1. Of the total required set asides, 1.0 percent of the total depreciable project costs, or about \$10.0 million, is required to be transferred to the CMTF to build the principal balance of the CMTF. While these transfers cannot be spent directly, the interest earned on the principal balance of the CMTF can be used to fund controlled maintenance projects. The remaining \$18.1 million is expected to be transferred to the CCF.

Figure 4.1 shows the magnitude of the depreciation-equivalent payments and the revenue to the CMTF and the CCF. Again, these amounts are subject to change due to the uncertain nature of next year's budget. For example, House Bill 20-1398 suspended depreciation-equivalent payments for FY 2020-21.

**Figure 4.1  
Projected Revenue From Depreciation-Equivalent Payments**

<b>Project Type</b>	<b>Period (years)</b>	<b>FY 2021-22</b>	<b>FY 2022-23</b>	<b>FY 2023-24</b>	<b>Total</b>
Capital - Small	20	\$1,409,927	\$2,083,487	\$2,617,759	<b>\$6,111,173</b>
Capital - Large	40	\$6,038,750	\$7,709,586	\$8,319,782	<b>\$22,068,118</b>
<b>Total Transfer</b>		<b>\$7,448,678</b>	<b>\$9,793,073</b>	<b>\$10,937,540</b>	<b>\$28,179,291</b>
To CMTF		\$2,697,486	\$3,500,532	\$3,851,464	<b>\$10,049,482</b>
To CCF		\$4,751,192	\$6,292,541	\$7,086,076	<b>\$18,129,809</b>

*Interest earnings.* The CCF and CMTF are estimated to earn about \$10.0 million and \$18.1 million in interest over the next three years, respectively. Estimates for FY 2021-22 and FY 2022-23 shown in Figure 4.2 are based on the September 2020 Legislative Council Staff economic forecast. Estimates for FY 2023-24 assume that the CCF and CMTF fund balances will remain relatively unchanged.

*Transfers for legislation impacting the Corrections Expansion Reserve Fund (CERF).* The General Assembly cannot pass a bill resulting in a net increase in periods of imprisonment in state correctional facilities unless sufficient funds are appropriated to cover any increased capital construction costs or unless the bill specifically excludes an appropriation for this purpose. If a bill becomes law, funds are transferred from the General Fund to the CCF for the estimated number of prison beds. The money is immediately appropriated from the CCF to the CERF, and is available for prison construction, expansion, or renovation projects. A transfer from the CERF to the CCF has not occurred since FY 2012-13. No money is projected to be available from this source during the forecast period.

**Figure 4.2**  
**Three-Year Estimate of Available Revenue Versus State-Funded Capital Need**

Revenue Source	FY 2021-22	FY 2022-23	FY 2023-24	Total	% of Total
<b>General Fund</b>					
Automatic depreciation-equivalent transfers to CCF, pursuant to SB 15-211	\$4,751,192	\$6,292,541	\$7,086,076	<b>\$18,129,809</b>	70.7%
<b>Capital Construction Fund</b> Interest Earnings	1,428,579	916,991	600,000	<b>\$2,945,570</b>	11.5%
<b>Controlled Maintenance Trust Fund</b> Interest Earnings	1,425,835	1,551,491	1,600,000	<b>\$4,577,326</b>	17.8%
<b>Total Revenue</b>	<b>\$7,605,606</b>	<b>\$8,761,024</b>	<b>\$9,286,076</b>	<b>\$25,652,706</b>	<b>100.0%</b>
<b>Capital Need<sup>1</sup></b>					
Controlled Maintenance - Higher Education Institutions	\$105,263,246	\$67,966,040	\$62,121,314	<b>\$235,350,600</b>	7.0%
Controlled Maintenance - State Departments	97,868,009	54,920,931	54,634,824	<b>\$207,423,764</b>	6.2%
Capital Construction - Higher Education Institutions	644,105,409	517,963,520	335,678,015	<b>\$1,497,746,944</b>	44.8%
Capital Construction - State Departments	384,834,064	345,710,888	671,693,424	<b>\$1,402,238,376</b>	41.9%
<b>Total Capital Need</b>	<b>\$1,232,070,728</b>	<b>\$986,561,379</b>	<b>\$1,124,127,577</b>	<b>\$3,342,759,684</b>	<b>100.0%</b>
<b>Shortfall</b>	<b>(\$1,224,465,123)</b>	<b>(\$977,800,355)</b>	<b>(\$1,114,841,501)</b>	<b>(\$3,317,106,978)</b>	

<sup>1</sup>All estimates are rounded to the nearest \$100,000.

<sup>2</sup>Some columns may not sum exactly due to rounding.

## **V. 2019-2020 Capital Construction and Controlled Maintenance Long Bill Appropriations**

This chapter describes the capital construction and controlled maintenance Long Bill appropriations approved during the 2019 and 2020 legislative sessions. Supplemental appropriations for capital projects made during the 2019 and 2020 sessions are discussed in Chapter VI.

### **Requests Submitted to the Capital Development Committee in 2019**

After its annual hearings in December 2018, the CDC reviewed FY 2019-20 requests for funding, and compiled a prioritized list of capital construction and controlled maintenance projects to recommend to the JBC. The 68 capital construction requests submitted to the CDC totaled \$430.2 million from all sources. Of this amount, there were 62 state-funded projects totaling \$357.2 million in state funds, including three levels of controlled maintenance comprised of 110 individual projects. The requests also included \$92.2 million in non-state funds, including \$19.3 million for six cash-funded requests and \$73.0 million for the cash component of various state-funded requests.

### **Projects Recommended by the Capital Development Committee in 2019**

The CDC recommended, in priority order, state funding for 113 state-funded projects for inclusion in the 2019 annual budget bill for funding in FY 2019-20, divided among three prioritized tiers. Of those, Tier 1 included 71 state-funded projects — 5 state department capital construction projects, 10 higher education capital construction projects, 28 Level 1 controlled maintenance projects, and 28 Level 2 controlled maintenance projects. The total cost for all recommended projects in Tier 1 was \$259.2 million, including \$213.8 million from state funds and \$45.4 million from cash fund sources. In addition, the CDC recommended five cash-funded projects for state departments totaling \$15.7 million. The CDC prioritized Tiers 2 and 3 in the event that additional funds for capital construction would be available.

*Cash-funded higher education projects.* Higher education institutions annually submit two-year projections for certain capital construction projects to be constructed entirely from cash fund sources. The CDC is directed to review and approve the two-year projections annually. As a result, no cash-funded higher education projects were listed in the 2019 Long Bill. Rather, higher education cash projects were approved by the CDC as part of a two-year projection of cash need. Figure 6.4 on Page 50 briefly details the projects approved through the two-year process during FY 2018-19.

### **Projects Recommended for Funding in 2019**

*State-funded projects approved by the JBC.* At the request of the Joint Budget Committee, the CDC reprioritized several projects in Tiers 2 and 3 after the committees' first joint meeting. Subsequently, the JBC followed the CDC prioritized funding recommendations, but did not fully fund the recommended list of projects. Specifically, the last four projects recommended for funding by the CDC in Tier 1 were not included in the introduced Long Bill. The JBC also recommended funding

\$500,000 from the General Fund Exempt Account for highway construction projects not recommended for funding by the CDC.

***Changes made to the introduced Long Bill.*** The House and Senate made no changes to the capital construction section of the introduced 2019 Long Bill.

***Cash-funded projects recommended for funding.*** The JBC approved the CDC's recommended list of cash projects, as submitted. No changes were made to cash-funded projects during debate on the 2019 Long Bill.

***Changes made to the Long Bill during conference committee.*** The JBC made no changes to the capital construction section of the 2019 Long Bill during conference committee.

***Capital projects included in the final 2019 Long Bill.*** The total amount of funding for capital projects, excluding information technology projects, in the final 2019 Long Bill was \$224.6 million, including \$156.1 million for state-funded projects and \$68.5 million for cash-funded projects and the cash component of various state-funded projects. Of the amount appropriated through state funds, \$101.5 million (65.0 percent) was allocated to capital construction projects and \$54.6 million (35.0 percent) to controlled maintenance. A total of 74 capital projects were listed in the 2019 Long Bill for funding in FY 2019-20, including:

- 7 state department capital construction projects totaling \$36.0 million in state funds;
- 6 higher education capital construction projects totaling \$65.6 million in state funds and \$50.2 million in cash funds;
- 56 state-funded controlled maintenance projects totaling \$54.6 million in state funds and \$2.1 million in cash funds; and
- 5 cash-funded state department projects totaling \$15.7 million.

Funding for the 74 projects includes:

- \$67.8 million from cash funds;
- \$0.4 million in federal funds;
- \$0.3 million from the Highway Users Tax Fund;
- \$92.2 million transferred from the General Fund to the CCF pursuant to Senate Bill 19-214;
- \$60.0 million transferred from the General Fund to the CCF pursuant to Senate Bill 17-262;
- \$1.4 million in unobligated CCF balance;
- \$0.3 million in depreciation-lease equivalent payments;
- \$2.3 million in CCF interest earnings from FY 2018-19;
- \$1.0 million transferred from the State Historical Fund to the CCF; and
- \$0.5 million from the General Fund Exempt Account for highway construction projects.

Figure 5.1 shows the distribution of funding sources for the funded projects.

**Figure 5.1  
Funding Sources for FY 2019-20 Projects**

<b>Funding Source</b>	<b>Amount Funded (millions)</b>	<b>% of Total Funded</b>
Capital Construction Fund	\$156.1	69.5%
Cash Funds*	\$68.5	30.5%
<b>Total</b>	<b>\$224.6</b>	<b>100.0%</b>

\*Including HUTF.

*Breakdown of state-funded projects.* Of the \$156.1 million in state funds included in FY 2019-20 for capital construction, state departments received \$60.5 million (38.8 percent) of the funding allocation. Of this amount, the Department of Personnel and Administration received \$2.1 million for the emergency fund for controlled maintenance, which can be used for state departments and higher education institutions. Higher education institutions received \$95.6 million (61.2 percent) of the state-funded total.

Figure 5.2 lists the number of state-funded projects by category and notes the state-funded portion for each.

**Figure 5.2  
Summary of State-Funded FY 2019-20 Projects**

<b>Category</b>	<b># of State Department Projects</b>	<b>State Department Amount</b>	<b># of Higher Education Projects</b>	<b>Higher Education Amount</b>	<b>Total Amount</b>
Capital Construction Projects	7	\$35,958,540	6	\$65,602,629	\$101,561,169
Controlled Maintenance Projects	21	\$24,591,381	35	\$29,970,307	\$54,561,688
<b>Totals</b>	<b>28</b>	<b>\$58,049,921</b>	<b>41</b>	<b>\$95,572,936</b>	<b>\$156,122,857</b>

Figure 5.3 provides information about all projects authorized for funding for FY 2019-20. The projects are grouped in alphabetical order by department or institution. Each project includes the following information: (1) the title; (2) funding information about the project, including the source of funds, the total prior appropriation amount for the previous five fiscal years, the amount appropriated for FY 2019-20, any anticipated future appropriation requests through FY 2023-24, and the total project cost; and (3) a brief description of the project.

**Figure 5.3  
Capital Construction and Controlled Maintenance Appropriations Funded for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
<b>Adams State University</b>						
Replace Campus Boilers, Five Buildings	CCF	\$0	\$1,037,625	\$0	\$0	\$1,037,625
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$1,037,625</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,037,625</b>
The project replaces boilers in five buildings that experience a variety of maintenance issues. Each boiler was installed between 1996 and 2001 and boiler failure is a concern during subzero winter conditions. The affected buildings are McDaniel Hall, Performing Arts, Library, Facilities, and Business and Economics.						
<b>Subtotals: Adams State University</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$1,037,625</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,037,625</b>
	CCF	\$0	\$1,037,625	\$0	\$0	\$1,037,625
	CF	\$0	\$0	\$0	\$0	\$0
<b>Agriculture</b>						
Replace HVAC Systems, Event Center, Colorado State Fair	CCF	\$0	\$1,527,448	\$0	\$0	\$1,527,448
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$1,527,448</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,527,448</b>
The project replaces five rooftop air handlers to address HVAC systems that are past their useful life. One unit is inoperable and the remaining units do not provide adequate heating, cooling, or ventilation of dust and vehicle exhaust. The new system will be programmable so it can operate on a limited schedule when the facility is unoccupied.						
<b>Subtotals: Agriculture</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$1,527,448</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,527,448</b>
	CCF	\$0	\$1,527,448	\$0	\$0	\$1,527,448
	CF	\$0	\$0	\$0	\$0	\$0
<b>Arapahoe Community College</b>						
Replace HVAC Primary Equipment, Main Building	CCF	\$0	\$1,692,460	\$1,151,354	\$1,640,258	\$4,484,072
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$1,692,460</b>	<b>\$1,151,354</b>	<b>\$1,640,258</b>	<b>\$4,484,072</b>
The project addresses deterioration of the cooling, heating, and air handling systems in the Main and Annex buildings. Phase I replaces the chiller, which was manufactured in 1973, is beyond its life expectancy, and has no redundancy system. Phase II will replace the cooling tower, which is nearing the end of its life cycle and should be moved onto the roof for ease of access. Phase III will replace a steam boiler, also manufactured in 1973, and the associated air handling units.						
<b>Subtotals: Arapahoe Community College</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$1,692,460</b>	<b>\$1,151,354</b>	<b>\$1,640,258</b>	<b>\$4,484,072</b>
	CCF	\$0	\$1,692,460	\$1,151,354	\$1,640,258	\$4,484,072
	CF	\$0	\$0	\$0	\$0	\$0
<b>Auraria Higher Education Center</b>						
Replace Heating and Hot Water System (Capital Renewal)	CCF	\$0	\$18,488,778	\$0	\$0	\$18,488,778
	CF	\$0	\$200,000	\$0	\$0	\$200,000
	<b>Total</b>	<b>\$0</b>	<b>\$18,688,778</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,688,778</b>
The project replaces Auraria Higher Education Center's campus-wide heating and hot water system. Most of the buildings on the campus are currently served by Xcel Energy's steam system, which serves the heating and hot water needs for hundreds of buildings in downtown Denver.						
<b>Subtotals: Auraria Higher Education Center</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$18,688,778</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,688,778</b>
	CCF	\$0	\$18,488,778	\$0	\$0	\$18,488,778
	CF	\$0	\$200,000	\$0	\$0	\$200,000
<b>Colorado Community Colleges — Lowry</b>						
Upgrade Controls and Replace Boilers and Air Handling Units, Building 753	CCF	\$0	\$800,359	\$0	\$0	\$800,359
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$800,359</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800,359</b>
The project replaces boilers, chillers, pumps, air handling units, and associated piping and controls in Building 753. The existing equipment is original to the building and some components are beyond their useful life.						
0	CCF	\$511,167	\$516,089	\$509,544	\$0	\$1,536,800
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$511,167</b>	<b>\$516,089</b>	<b>\$509,544</b>	<b>\$0</b>	<b>\$1,536,800</b>
The three-phase project installs door hardware, door controllers, and cameras, and provides an integrated electronic security system for the campus. Several buildings on campus are manually locked and others are on a separate security system that is outdated. This year's request for Phase II replaces existing electronic locks and installs new cameras, while Phase III will complete the new system and replace additional cameras. Phase I replaced manual locks with new electronic locks.						
<b>Subtotals: Colorado Community Colleges Lowry</b>						
	<b>Total</b>	<b>\$511,167</b>	<b>\$1,316,448</b>	<b>\$509,544</b>	<b>\$0</b>	<b>\$2,337,159</b>
	CCF	\$511,167	\$1,316,448	\$509,544	\$0	\$2,337,159
	CF	\$0	\$0	\$0	\$0	\$0



**Figure 5.3 (Cont.)  
Capital Controlled Maintenance Appropriations Funded for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
<b>Colorado Mesa University</b>						
Upgrade HVAC and Controls, Heiny Hall	CCF	\$0	\$556,973	\$0	\$0	\$556,973
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$556,973	\$0	\$0	\$556,973
The project replaces the HVAC system in Heiny Hall with a new system that uses variable refrigerant flow equipment and controls. The existing system is 48 years old and at the end of its useful life. It has limited control over heating and cooling and does not circulate air effectively.						
<b>Subtotals: Colorado Mesa University</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$556,973</b>	<b>\$0</b>	<b>\$0</b>	<b>\$556,973</b>
	CCF	\$0	\$556,973	\$0	\$0	\$556,973
	CF	\$0	\$0	\$0	\$0	\$0
<b>Colorado Northwestern Community College</b>						
Refurbish Hydronic Heat System, Johnson Building, Rangely Campus	CCF	\$0	\$826,045	\$0	\$0	\$826,045
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$826,045	\$0	\$0	\$826,045
The project improves the heat system in the Johnson Building by cleaning/replacing baseboard supply and return lines, replacing three boilers, and replacing the heating/cooling coils within air handling units. Poor water quality has led to plugged lines entering baseboards and coils, non-existent water treatment, and damaged heat exchangers requiring 5-15 hours of service per week to protect buildings.						
<b>Subtotals: Colorado Northwestern Community College</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$826,045</b>	<b>\$0</b>	<b>\$0</b>	<b>\$826,045</b>
	CCF	\$0	\$826,045	\$0	\$0	\$826,045
	CF	\$0	\$0	\$0	\$0	\$0
<b>Colorado School of Mines</b>						
Replace Primary Power Transformers	CCF	\$0	\$737,163	\$0	\$0	\$737,163
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$737,163	\$0	\$0	\$737,163
The project replaces primary electrical transformers at five buildings on campus. The existing transformers show indications of overheated insulation and are at risk of electrical fault.						
Upgrade Fire Alarm Mass Notification	CCF	\$604,998	\$671,378	\$425,915	\$454,307	\$2,156,598
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$604,998	\$671,378	\$425,915	\$454,307	\$2,156,598
The four-phase project upgrades the fire alarm mass notification systems in 12 buildings on campus. The campus fire alarm network needs to be upgraded to support modern fire alarm panel functions and enable campus notification in the event of a dangerous situation, which is critical to the health and life safety of students, faculty, and staff. This year's request for Phase II upgrades the Brown, Chauvenet, Coolbaugh, and CTLM buildings. Phase I upgraded systems in three buildings, and Phases III and IV will upgrade systems in five more buildings.						
Remediate Campus Fall Hazards	CCF	\$538,931	\$527,474	\$461,206	\$0	\$1,527,611
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$538,931	\$527,474	\$461,206	\$0	\$1,527,611
The three-phase project installs fall hazard mitigation systems in 15 buildings on campus. The new systems improve safety conditions by providing secure attachment points, ladders, self-closing gates, guardrail extensions, steps, and grab bars for maintenance workers. This year's request for Phase II installs systems in six buildings. Phase I installed systems in six buildings and Phase III will install systems in three more buildings.						
Replace Obsolete Controls, Lakes Library	CCF	\$0	\$339,744	\$0	\$0	\$339,744
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$339,744	\$0	\$0	\$339,744
The project replaces obsolete temperature controls in the building. The existing controls are outdated, require manual operation, and are difficult to calibrate.						
Subsurface Frontiers Building	CCF	\$0	\$1,856,741	\$18,143,259	\$0	\$20,000,000
	CF	\$0	\$9,369,018	\$91,736,900	\$0	\$101,105,918
	<b>Total</b>	\$0	\$11,225,759	\$109,880,159	\$0	\$121,105,918
The project constructs an interdisciplinary research facility called the Subsurface Frontiers Building. In partnership with the United States Geological Survey, the building will house both organizations' mineral exploration and subsurface mineral economics programs. The project constructs a 155,189-GSF, five-story building to house research laboratories, imaging labs, classrooms, conference rooms, offices, and associated spaces.						
<b>Subtotals: Colorado School of Mines</b>						
	<b>Total</b>	<b>\$1,143,929</b>	<b>\$13,501,518</b>	<b>\$110,767,280</b>	<b>\$454,307</b>	<b>\$125,867,034</b>
	CCF	\$1,143,929	\$4,132,500	\$19,030,380	\$454,307	\$24,761,116
	CF	\$0	\$9,369,018	\$91,736,900	\$0	\$101,105,918

**Figure 5.3 (Cont.)  
Capital Construction and Controlled Maintenance Appropriations for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
<b>Colorado State University</b>						
<b>Shepardson Building Renovation and Addition</b>	CCF	\$4,527,223	\$13,482,700	\$15,794,995	\$0	\$33,804,918
	CF	\$0	\$9,000,000	\$0	\$0	\$9,000,000
	<b>Total</b>	\$4,527,223	\$22,482,700	\$15,794,995	\$0	\$42,804,918
The project renovates the existing 46,800-GSF Shepardson Building, which houses the Departments of Horticulture and Landscape Architecture, and constructs additions to the north and south of the building totaling 47,998 GSF. The university says current demand for the programs housed in the Shepardson Building is not being met due to space limitations and outdated facilities.						
<b>Replace Wastewater Treatment Plant, Mountain Campus</b>	CCF	\$562,075	\$1,845,608	\$0	\$0	\$2,407,683
	CF	\$0	\$2,135,115	\$0	\$0	\$2,135,115
	<b>Total</b>	\$562,075	\$3,980,723	\$0	\$0	\$4,542,798
The two-phase project replaces the wastewater treatment plant at the Mountain Campus, located 50 miles west of Fort Collins. The existing plant requires upgrades to meet discharge limits and increase plant capacity, thus bringing the system into regulatory compliance. This year's request for Phase II replaces the existing water purification equipment and tanks. Phase I included design, acquiring necessary permits, and replacing the lift station.						
<b>Replace Multiple Switchgears, Main Campus</b>	CCF	\$0	\$588,904	\$0	\$0	\$588,904
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$588,904	\$0	\$0	\$588,904
The project replaces 21 high-voltage submersible switches on the main campus that are more than 50 years old and that have experienced several failures in recent years, including an explosion that blew the lid off a switchgear's stainless steel housing. Failures could cause the closure of multiple campus buildings.						
<b>Replace Domestic Water Line, University Avenue</b>	CCF	\$0	\$537,676	\$0	\$0	\$537,676
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$537,676	\$0	\$0	\$537,676
The project installs 1,050 linear feet of water line along University Avenue to provide water to 12 buildings on the main campus. The lining of the existing water line has eroded and the university routinely flushes the line in order to maintain acceptable water quality. The project will be coordinated with the repaving of University Avenue in summer 2019.						
<b>Replace Farm Bridge, Agricultural Research Development and Education Center</b>	CCF	\$0	\$349,872	\$0	\$0	\$349,872
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$349,872	\$0	\$0	\$349,872
The project replaces a bridge over a water-supply ditch on the central access road to the Agricultural Research Development and Education Center farm in Wellington. The bridge has no defined load rating. The university reroutes heavy farm equipment onto a busy frontage road in order to avoid overloading the bridge.						
<b>Modernize Elevators, Atmospheric Science and Eddy Hall</b>	CCF	\$0	\$281,930	\$0	\$0	\$281,930
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$281,930	\$0	\$0	\$281,930
The project makes various upgrades to the elevators in two buildings to improve reliability, reduce entrapment, meet current code, and integrate the elevators with fire alarm monitoring systems. The elevator in Atmospheric Science requires installation of a controller, a pump unit, and door equipment; the project replaces the hydraulic jack for the Eddy Hall elevator.						
<b>Modernize Emergency Generator, Police Services Building</b>	CCF	\$0	\$190,635	\$0	\$0	\$190,635
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$190,635	\$0	\$0	\$190,635
The project replaces an emergency electrical backup system with an emergency generator that can power the entire Police Services Building. The existing back-up system only serves the dispatch and telecom room.						
<b>National Western Center Lease Purchase Payments</b>	CCF	\$0	\$0	\$18,300,000	\$54,900,000	\$73,200,000
	CF	\$0	\$16,570,927	\$0	\$0	\$16,570,927
	<b>Total</b>	\$0	\$16,570,927	\$18,300,000	\$54,900,000	\$89,770,927
The request makes an annual lease payment for the first tranche of certificates of participation issued to finance the construction of buildings on the National Western Center campus and affiliated buildings on the main Colorado State University campus.						
<b>Subtotals: Colorado State University</b>						
	<b>Total</b>	<b>\$5,089,298</b>	<b>\$44,983,367</b>	<b>\$34,094,995</b>	<b>\$54,900,000</b>	<b>\$139,067,660</b>
	CCF	\$5,089,298	\$17,277,325	\$34,094,995	\$54,900,000	\$111,361,618
	CF	\$0	\$27,706,042	\$0	\$0	\$27,706,042

**Figure 5.3 (Cont.)  
Capital Controlled Maintenance Appropriations Funded for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
<b>Colorado State University — Pueblo</b>						
<b>Replace Campus Water Lines</b>	CCF	\$0	\$900,680	\$900,000	\$900,000	\$2,700,680
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$900,680	\$900,000	\$900,000	\$2,700,680
The three-phase project replaces water lines and associated fixtures for the campus irrigation system, and performs landscaping and xeriscaping on portions of the campus grounds. The existing water lines are deteriorating and many irrigation components are inoperable, which the university says has resulted in the inability to effectively irrigate campus landscaping or cover all necessary areas. The university also says the improvements will reduce water use. This year's request for Phase I completes the project design, replaces six deteriorating isolation valves, upsizes 60 feet of water line, and replaces sod on the west side of campus. Phase II will complete improvements on the west side of campus and Phase III will perform improvements on the east side of campus.						
<b>Replace Roof and Windows, Hasan School of Business</b>	CCF	\$0	\$720,720	\$0	\$0	\$720,720
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$720,720	\$0	\$0	\$720,720
The project replaces the roof and windows in the Hasan Business Building. Cracks and failures in the roof have resulted in water damage and disruption of programming. The windows are failing, and water infiltrates them during high-wind events. Costly repairs to both systems are proving ineffective.						
<b>Subtotals: Colorado State University — Pueblo</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$1,621,400</b>	<b>\$900,000</b>	<b>\$900,000</b>	<b>\$3,421,400</b>
	CCF	\$0	\$1,621,400	\$900,000	\$900,000	\$3,421,400
	CF	\$0	\$0	\$0	\$0	\$0
<b>Corrections</b>						
<b>Replace Fire Alarm System, Sterling Correctional Facility</b>	CCF	\$718,887	\$998,336	\$0	\$0	\$1,717,223
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$718,887	\$998,336	\$0	\$0	\$1,717,223
The two-phase project replaces fire alarm systems in 31 buildings at the Sterling Correctional Facility. The existing fire alarm systems are nearly 20 years old and replacement parts are difficult to obtain. Phase I addressed control panels, pull boxes, notification devices, and smoke detectors in six buildings; this year's request for Phase II addresses the systems in an additional 25 buildings.						
<b>Replace Electronic Security System, Denver Women's Correctional Facility</b>	CCF	\$0	\$1,998,638	\$0	\$0	\$1,998,638
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$1,998,638	\$0	\$0	\$1,998,638
The project replaces the existing electronic security system in 15 buildings and installs new door controls, uninterruptable power supplies, an intercom system, and a fiber-optic backbone. The existing electronic security system is over 20 years old and increasingly fails, and parts are unavailable. System failures present a risk for staff, offenders, and the general public.						
<b>Improve Accessibility, Fremont Correctional Facility</b>	CCF	\$0	\$1,978,510	\$1,724,514	\$4,376,873	\$8,079,897
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$1,978,510	\$1,724,514	\$4,376,873	\$8,079,897
The five-phase project updates cell fixtures, beds, and doors to meet ADA accessibility requirements. There is a shortage of accessible beds in the system due to an aging offender population and more offenders with disabilities entering the system. This year's request for Phase I updates processing, community, and work spaces and 10 cells in cell houses 1, 4, and 5.						
<b>Replace Deaeration Tank, Sterling Correctional Facility</b>	CCF	\$0	\$1,457,417	\$0	\$0	\$1,457,417
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$1,457,417	\$0	\$0	\$1,457,417
The project replaces the deaeration tank, a critical component of the steam heating system that removes dissolved gasses from the boiler water feed. A tank failure would allow the introduction of carbonic acid into the boiler lines, which would further spread corrosion and cause potential failure within the lines.						
<b>Improve Perimeter Security, Denver Reception and Diagnostic Center and Denver Women's Correctional Facility</b>	CCF	\$1,870,550	\$1,205,969	\$0	\$0	\$3,076,519
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$1,870,550	\$1,205,969	\$0	\$0	\$3,076,519
The two-phase project replaces the existing perimeter security detection system with a non-lethal electrified perimeter fence deterrent system, upgrades the communication wiring, and improves microwave detection zones at three sally ports. Phase I, funded in FY 2016-17, replaced damaged fence fabric, chain link fencing, and concrete. This year's request for Phase II completes the project.						
<b>Replace Fire Alarm System, San Carlos Correctional Facility</b>	CCF	\$0	\$1,180,268	\$0	\$0	\$1,180,268
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$1,180,268	\$0	\$0	\$1,180,268
The project replaces an obsolete fire alarm system, including all control panels, notification components, and smoke detectors. The existing system has exceeded its useful life and is increasingly difficult to maintain because of the outdated technology.						

**Figure 5.3 (Cont.)  
Capital Construction and Controlled Maintenance Appropriations for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
Replace Fire Alarm System and Improve Fire Suppression, Limon Territorial Correctional Facility	CCF	\$798,180	\$1,092,787	\$0	\$0	\$1,890,967
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$798,180</b>	<b>\$1,092,787</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,890,967</b>
The two-phase project replaces the fire alarm systems in the Administration, Gatehouse/Tower, Tower 2, Support, Recreation, Central Plant, and Vehicle Service Center buildings. The existing systems are 25 years old. The system is not addressable, so the exact location of an alarm cannot be immediately determined. Phase I upgraded Living Units 1-6. This year's request for Phase II completes the project.						
Replace Roof, Infirmary, Colorado Territorial Correctional Facility	CCF	\$0	\$1,038,141	\$0	\$0	\$1,038,141
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$1,038,141</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,038,141</b>
The project installs a new, low slope, built-up roof over an R-30 tapered insulation system over the infirmary, chapel, and morgue. The existing roof is more than 20 years old and roof damage has caused substantial leakage inside the infirmary.						
<b>Subtotals: Corrections</b>						
	<b>Total</b>	<b>\$3,387,617</b>	<b>\$10,950,066</b>	<b>\$1,724,514</b>	<b>\$4,376,873</b>	<b>\$20,439,070</b>
	CCF	\$3,387,617	\$10,950,066	\$1,724,514	\$4,376,873	\$20,439,070
	CF	\$0	\$0	\$0	\$0	\$0
<b>Education</b>						
Replace Campus Domestic Hot Water System, Colorado School for the Deaf and the Blind	CCF	\$0	\$972,421	\$0	\$0	\$972,421
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$972,421</b>	<b>\$0</b>	<b>\$0</b>	<b>\$972,421</b>
The project evaluates, designs, and installs a new campus domestic hot water system to replace an existing tank, heat exchanger, hot water distribution system, and other associated components. The existing system is deteriorating and lacks sufficient temperature control.						
<b>Subtotals: Education</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$972,421</b>	<b>\$0</b>	<b>\$0</b>	<b>\$972,421</b>
	CCF	\$0	\$972,421	\$0	\$0	\$972,421
	CF	\$0	\$0	\$0	\$0	\$0
<b>Fort Lewis College</b>						
Replace North Campus Heating and Cooling Line	CCF	\$0	\$1,638,838	\$858,439	\$0	\$2,497,277
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$1,638,838</b>	<b>\$858,439</b>	<b>\$0</b>	<b>\$2,497,277</b>
The two-phase project replaces a heating and cooling line on the north side of campus. There have been several leaks in the existing piping system in recent years, which have required emergency repair. This year's request for Phase I designs the new piping, replaces the existing piping, removes existing sidewalks, and installs new valves and piping mains in the area of the Art Hall building. Phase II will install new valves and piping near Jones Hall, the Concert Hall, and the Center for Southwest Studies.						
<b>Subtotals: Fort Lewis College</b>						
	<b>Total</b>	<b>\$0</b>	<b>\$1,638,838</b>	<b>\$858,439</b>	<b>\$0</b>	<b>\$2,497,277</b>
	CCF	\$0	\$1,638,838	\$858,439	\$0	\$2,497,277
	CF	\$0	\$0	\$0	\$0	\$0
<b>Front Range Community College</b>						
Larimer Campus Health Care Career Center	CCF	\$14,118,684	\$11,927,424	\$0	\$0	\$26,046,108
	CF	\$4,723,211	\$3,696,060	\$0	\$0	\$8,419,271
	<b>Total</b>	<b>\$18,841,895</b>	<b>\$15,623,484</b>	<b>\$0</b>	<b>\$0</b>	<b>\$34,465,379</b>
The two-phase project constructs a 55,333-GSF facility to house Allied Health and Nursing programs. The project constructs classroom, lab, office, and public spaces. Phase I included foundation work, site work, utilities, and structural work. This year's request for Phase II completes the project.						
Replace Chiller #2, Westminster Campus	CCF	\$0	\$895,427	\$0	\$0	\$895,427
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$895,427</b>	<b>\$0</b>	<b>\$0</b>	<b>\$895,427</b>
The project repairs structural deficiencies in the Main Building on campus. The concrete floor will be mud-jacked and leveled and the roof will be replaced. The existing floor is not level, which creates a tripping hazard, and the existing roof leaks and is past its useful life.						
<b>Subtotals: Front Range Community College</b>						
	<b>Total</b>	<b>\$18,841,895</b>	<b>\$16,518,911</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,360,806</b>
	CCF	\$14,118,684	\$12,822,851	\$0	\$0	\$26,941,535
	CF	\$4,723,211	\$3,696,060	\$0	\$0	\$8,419,271

**Figure 5.3 (Cont.)  
Capital Controlled Maintenance Appropriations Funded for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
<b>History Colorado</b>						
<b>Regional Museum Preservation Projects</b>	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$3,500,000	\$700,000	\$0	\$0	\$4,200,000
	<b>Total</b>	\$3,500,000	\$700,000	\$0	\$0	\$4,200,000
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.						
<b>Fire Mitigation, Georgetown Railway Loop Area C</b>	CCF	\$0	\$475,237	\$531,337	\$531,337	\$1,537,911
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$475,237	\$531,337	\$531,337	\$1,537,911
The three-phase project addresses fire risk on 349 acres by removing, de-limbing, or chipping forest fuel. The dead and overgrown live trees, if ignited, pose a serious threat to property and personnel at the railroad. Each phase will address about 116 acres. Previous efforts have mitigated 177 acres, including through the use of controlled maintenance funding in FY 2015-16 and FY 2016-17.						
<b>Subtotals: History Colorado</b>						
<b>Total</b>		<b>\$3,500,000</b>	<b>\$1,175,237</b>	<b>\$531,337</b>	<b>\$531,337</b>	<b>\$5,737,911</b>
CCF		\$0	\$475,237	\$531,337	\$531,337	\$1,537,911
CF		\$3,500,000	\$700,000	\$0	\$0	\$4,200,000
<b>Human Services</b>						
<b>Repair/Replace Fire Protection Systems, Gilliam and Lookout Mountain Youth Services Centers</b>	CCF	\$1,387,021	\$1,343,338	\$1,110,602	\$0	\$3,840,961
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$1,387,021	\$1,343,338	\$1,110,602	\$0	\$3,840,961
The three-phase project upgrades the fire alarm systems at the Lookout Mountain Youth Services Center (LMYSC) and the Gilliam Youth Services Center (GYSC). The existing systems are original to the buildings and are approximately 30 years old. This year's request for Phase II addresses head panels, alarm detection, and monitoring systems in ten facilities at LMYSC. Phase III will address three facilities at GYSC and Phase I addressed 11 facilities at LMYSC.						
<b>Refurbish HVAC Systems, B Building, Colorado Mental Health Institute at Fort Logan</b>	CCF	\$0	\$1,291,687	\$888,179	\$0	\$2,179,866
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$1,291,687	\$888,179	\$0	\$2,179,866
The two-phase project replaces two air handlers and associated equipment in the building. The existing equipment is no longer able to maintain adequate air distribution or water temperatures and does not meet current code for air quality standards. This year's request for Phase I replaces the first air handler, piping, and controls, and installs a temporary air handler system for both phases. Phase II will replace the second air handler, piping, and controls.						
<b>Replace Fire Alarm Control Panels, Colorado Mental Health Institute at Pueblo and Ridgeview Youth Services Center</b>	CCF	\$0	\$688,966	\$0	\$0	\$688,966
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$688,966	\$0	\$0	\$688,966
The project replaces obsolete fire alarm panels at the Colorado Mental Health Institute at Pueblo and at Ridgeview Academy Youth Services Center, which no longer comply with code. The project replaces 61 network panels and 61 support panels between the two facilities.						
<b>F2 and F3 Cottage Renovation, Colorado Mental Health Institute at Fort Logan</b>	CCF	\$0	\$17,835,851	\$0	\$0	\$17,835,851
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$17,835,851	\$0	\$0	\$17,835,851
The project renovates 17,532 GSF in two housing units at the Colorado Mental Health Institute at Fort Logan, and constructs additions to the units totaling 2,059 GSF. The renovations will add 44 inpatient psychiatric beds to the department's inventory, helping to alleviate a bed shortage driven by an increase in court referrals and a settlement agreement stemming from a lawsuit against the department concerning the wait times that pretrial detainees in Colorado jails experience before receiving competency evaluations or restorative treatment.						
<b>Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Services</b>	CCF	\$18,211,822	\$2,638,927	\$0	\$0	\$20,850,749
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$18,211,822	\$2,638,927	\$0	\$0	\$20,850,749
The six-phase project addresses safety and self-harm risks in 12 Division of Youth Services facilities. This year's request for the final phase makes improvements to seven facilities: Mount View (Lakewood), Gilliam (Denver), Marvin W. Foote (Centennial), Spring Creek (Colorado Springs), Platte Valley (Greeley), Grand Mesa (Grand Junction), and Lookout Mountain (Golden).						
<b>Facility Master Plan, Department-wide</b>	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$0	\$1,101,159	\$1,233,777	\$519,909	\$2,854,845
	<b>Total</b>	\$0	\$1,101,159	\$1,233,777	\$519,909	\$2,854,845
The three-phase project prepares a department-wide facility master plan. The master planning process will conduct a comprehensive analysis of the department's programmatic needs, and establish a direction for and define the department's future capital construction program. This year's request for Phase I studies the Fort Logan campus – with the exception of 15 buildings assessed under a separate planning effort – and many of the Denver Metro area facilities, including the department's headquarters building.						
<b>Regional Center Capital Improvements</b>	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$1,982,809	\$757,405	\$0	\$0	\$2,740,214
	<b>Total</b>	\$1,982,809	\$757,405	\$0	\$0	\$2,740,214
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.						
<b>Subtotals: Human Services</b>						
<b>Total</b>		<b>\$21,581,652</b>	<b>\$25,657,333</b>	<b>\$3,232,558</b>	<b>\$519,909</b>	<b>\$50,991,452</b>
CCF		\$19,598,843	\$23,798,769	\$1,998,781	\$0	\$45,396,393
CF		\$1,982,809	\$1,858,564	\$1,233,777	\$519,909	\$5,595,059

**Figure 5.3 (Cont.)  
Capital Construction and Controlled Maintenance Appropriations for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
<b>Lamar Community College</b>						
Upgrade Interior and Exterior Building Access Control, Campuswide	CCF	\$0	\$1,301,245	\$1,278,283	\$0	\$2,579,528
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$1,301,245</b>	<b>\$1,278,283</b>	<b>\$0</b>	<b>\$2,579,528</b>
The two-phase project upgrades interior and exterior doors and locks for three buildings on campus. The existing building access controls are almost 50 years old. This year's request for Phase I replaces the exterior doors and locks with an electronic locking system. Phase II will replace interior doors and locks.						
Replace Boiler Piping, Bowman and Trustees Buildings	CCF	\$0	\$425,750	\$0	\$0	\$425,750
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$425,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$425,750</b>
The project replaces 250 feet of main boiler lines serving the Bowman and Trustees buildings. The underground piping has deteriorated to the point of regular leaks, resulting in boiler low water warnings and bypass of the boiler pressure-reducing valve.						
<b>Subtotals: Lamar Community College</b>	<b>Total</b>	<b>\$0</b>	<b>\$1,726,995</b>	<b>\$1,278,283</b>	<b>\$0</b>	<b>\$3,005,278</b>
	CCF	\$0	\$1,726,995	\$1,278,283	\$0	\$3,005,278
	CF	\$0	\$0	\$0	\$0	\$0
<b>Military and Veterans Affairs</b>						
Upgrade Restrooms for Code Compliance, Longmont Readiness Center	CCF	\$0	\$397,370	\$0	\$0	\$397,370
	CF	\$0	\$397,370	\$0	\$0	\$397,370
	<b>Total</b>	<b>\$0</b>	<b>\$794,740</b>	<b>\$0</b>	<b>\$0</b>	<b>\$794,740</b>
The project constructs new men's and women's restrooms, including new ventilation and plumbing, at the Longmont Readiness Center to meet accessibility and building code requirements. In addition to not meeting code, the restrooms, which are original to the circa 1979 facility, are undersized and comprised of one bathroom and one shower; up to 140 soldiers, including 40 female soldiers, must use the restrooms during training periods.						
Grand Junction Veterans Memorial Cemetery Columbarium and Upgrade Steam Filter System	CCF	\$0	\$2,667,390	\$0	\$0	\$2,667,390
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$2,667,390</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,667,390</b>
The project constructs eight new columbaria and performs infrastructure upgrades at the Veterans Memorial Cemetery in Grand Junction. The project includes site improvements for an upgraded silt trap structure, existing silt removal, and new liners within the irrigation ponds and stream system. The request also includes funds for the one-time purchase of new equipment for ongoing maintenance of cemetery grounds.						
<b>Subtotals: Military and Veterans Affairs</b>	<b>Total</b>	<b>\$0</b>	<b>\$3,462,130</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,462,130</b>
	CCF	\$0	\$3,064,760	\$0	\$0	\$3,064,760
	CF	\$0	\$397,370	\$0	\$0	\$397,370
<b>Morgan Community College</b>						
Replace RTUs and Upgrade Controls, Aspen, Elm, and Spruce Halls	CCF	\$0	\$796,400	\$0	\$0	\$796,400
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$796,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$796,400</b>
The project replaces rooftop HVAC units and upgrades the control system to be compatible with the existing system. Current units are near the end of useful life and beginning to fail, and the outdated control system no longer communicates with at least 20 of the 32 units.						
<b>Subtotals: Morgan Community College</b>	<b>Total</b>	<b>\$0</b>	<b>\$796,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$796,400</b>
	CCF	\$0	\$796,400	\$0	\$0	\$796,400
	CF	\$0	\$0	\$0	\$0	\$0
<b>Natural Resources — Parks and Wildlife</b>						
Property Acquisition and Improvements	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$0	\$11,000,000	\$11,000,000	\$33,000,000	\$55,000,000
	<b>Total</b>	<b>\$0</b>	<b>\$11,000,000</b>	<b>\$11,000,000</b>	<b>\$33,000,000</b>	<b>\$55,000,000</b>
The project allows Colorado Parks and Wildlife to acquire interests in real property through a competitive bidding process. In addition to protecting critical wildlife habitat for game species, the department's efforts also include protecting the habitat of species of concern, preserving wildlife diversity, and acquiring public access for wildlife-related recreation.						

**Figure 5.3 (Cont.)  
Capital Controlled Maintenance Appropriations Funded for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost	
<b>Infrastructure and Real Property Maintenance</b>	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$18,756,951	\$2,158,090	\$2,158,090	\$6,474,270	\$29,547,401	
	<b>Total</b>	<b>\$18,756,951</b>	<b>\$2,158,090</b>	<b>\$2,158,090</b>	<b>\$6,474,270</b>	<b>\$29,547,401</b>	
The project rehabilitates and improves infrastructure and facilities at state wildlife areas, state fishing units, and a state administrative area. This project includes maintenance, enhancement, or replacement of a variety of existing physical assets.							
<b>Subtotals: Natural Resources - Parks and Wildlife</b>		<b>Total</b>	<b>\$18,756,951</b>	<b>\$13,158,090</b>	<b>\$13,158,090</b>	<b>\$39,474,270</b>	<b>\$84,547,401</b>
	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$18,756,951	\$13,158,090	\$13,158,090	\$39,474,270	\$84,547,401	
<b>Northeastern Junior College</b>							
<b>Upgrade Emergency Vehicle Access</b>	CCF	\$0	\$522,638	\$0	\$0	\$522,638	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$522,638</b>	<b>\$0</b>	<b>\$0</b>	<b>\$522,638</b>	
The project redesigns the ES French west parking lot and constructs a companion access road for emergency and delivery vehicle access, and installs new lights in the parking lot for security. An access road was recently closed by a private owner, and the current configuration results in blockage of an access point by delivery vehicles, which presents an impediment for emergency responders.							
<b>Subtotals: Northeastern Junior College</b>		<b>Total</b>	<b>\$0</b>	<b>\$522,638</b>	<b>\$0</b>	<b>\$0</b>	<b>\$522,638</b>
	CCF	\$0	\$522,638	\$0	\$0	\$522,638	
	CF	\$0	\$0	\$0	\$0	\$0	
<b>Office of Information Technology</b>							
<b>Replace Microwave Towers, Group E</b>	CCF	\$0	\$921,419	\$687,009	\$0	\$1,608,428	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$921,419</b>	<b>\$687,009</b>	<b>\$0</b>	<b>\$1,608,428</b>	
The project replaces microwave towers that form a critical communications backbone for communications equipment that supports public safety and other programs. This year's request replaces towers on La Monte and Buffalo Pass in Phase I; Phase II will replace towers on Kenosha Pass and Monarch. The department says that the towers are over thirty-five years old, are under severe stress due to age and weather, house critical equipment, and are located in extreme climate conditions on top of mountain passes.							
<b>Public Safety Communications Network Microwave Infrastructure Replacement</b>	CCF	\$42,100,152	\$10,316,372	\$0	\$0	\$52,416,524	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$42,100,152</b>	<b>\$10,316,372</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52,416,524</b>	
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 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 funding included in this year's request completes system upgrades.							
<b>Subtotals: Office of Information Technology</b>		<b>Total</b>	<b>\$42,100,152</b>	<b>\$11,237,791</b>	<b>\$687,009</b>	<b>\$0</b>	<b>\$54,024,952</b>
	CCF	\$42,100,152	\$11,237,791	\$687,009	\$0	\$54,024,952	
	CF	\$0	\$0	\$0	\$0	\$0	
<b>Otero Junior College</b>							
<b>Repair/Replace Roofs, Kiva, McBride, and Wheeler Buildings</b>	CCF	\$0	\$719,565	\$0	\$0	\$719,565	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$719,565</b>	<b>\$0</b>	<b>\$0</b>	<b>\$719,565</b>	
The project replaces the roofs of three buildings on campus with built-up or modified bitumen roofs, and adds additional tapered insulation where needed. The existing roofs are leaking, which has caused water damage and ceiling tiles to fall.							
<b>Subtotals: Otero Junior College</b>		<b>Total</b>	<b>\$0</b>	<b>\$719,565</b>	<b>\$0</b>	<b>\$0</b>	<b>\$719,565</b>
	CCF	\$0	\$719,565	\$0	\$0	\$719,565	
	CF	\$0	\$0	\$0	\$0	\$0	

**Figure 5.3 (Cont.)  
Capital Construction and Controlled Maintenance Appropriations for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost	
<b>Personnel and Administration</b>							
<b>Historical Property Rehabilitation</b>	CCF	\$1,150,000	\$1,000,000	\$0	\$0	\$2,150,000	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	\$1,150,000	\$1,000,000	\$0	\$0	\$2,150,000	
The project makes electrical, plumbing, drainage, and flooring repairs at the Governor's Mansion, including replacing electrical panels, original plumbing pipes and fixtures, and site lighting. A 2014 facilities assessment identified several outstanding maintenance needs for the mansion.							
<b>Controlled Maintenance Emergency Account</b>	CCF	\$11,000,000	\$2,110,216	\$0	\$0	\$13,110,216	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	\$11,000,000	\$2,110,216	\$0	\$0	\$13,110,216	
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.							
<b>Replace Fire Suppression Water Lines, Centennial Building</b>	CCF	\$0	\$1,623,335	\$0	\$0	\$1,623,335	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	\$0	\$1,623,335	\$0	\$0	\$1,623,335	
The project replaces the fire suppression water lines in the Centennial Building, which houses the State Archives. The project is identified as one of the top five life-safety projects in the Capitol Complex. Most of the piping is original to the 1976 building and has degraded. The existing system was built without isolation valves so the work cannot be completed in phases.							
<b>Replace Main Electrical Switchgear and Motor Control Center, 1881 Pierce Street Building</b>	CCF	\$0	\$847,652	\$0	\$0	\$847,652	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	\$0	\$847,652	\$0	\$0	\$847,652	
The project replaces the existing switchgear and related breakers, switches, motor control center, and conductors. The existing control center and switchgear are almost 50 years old and past their life expectancy, and parts are no longer available. Shorts in the system are creating electrical shock hazards on cabinet surfaces, and failure of the system jeopardizes critical Department of Revenue programs.							
<b>Refurbish Elevators, 1570 Grant Building</b>	CCF	\$0	\$714,120	\$0	\$0	\$714,120	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	\$0	\$714,120	\$0	\$0	\$714,120	
This project refurbishes two 49-year-old elevators, which have been shutting down on a frequent basis. Improvements include refurbishing or replacing new operating panels, push button stations, signal fixtures, cab interiors, machine room equipment, hoistway doors, and new lighting, and asbestos abatement in the penthouse.							
<b>Repaint Interior Dome, State Capitol</b>	CCF	\$0	\$1,000,000	\$0	\$0	\$1,000,000	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	\$0	\$1,000,000	\$0	\$0	\$1,000,000	
The project repaints the interior of the main dome in the State Capitol building and makes associated repairs to the plaster walls. The project addresses deferred maintenance in the space and restores the historic appearance of the interior dome.							
<b>Subtotals: Personnel and Administration</b>		<b>Total</b>	<b>\$12,150,000</b>	<b>\$7,295,323</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,445,323</b>
		CCF	\$12,150,000	\$7,295,323	\$0	\$0	\$19,445,323
		CF	\$0	\$0	\$0	\$0	\$0
<b>Pikes Peak Community College</b>							
<b>Replace Sewer Vent Pipes and Upgrade Restrooms, Centennial Campus</b>	CCF	\$0	\$1,252,375	\$545,235	\$0	\$1,797,610	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	\$0	\$1,252,375	\$545,235	\$0	\$1,797,610	
The two-phase project replaces sewer vent pipes and upgrades restrooms in two buildings to address poor air quality, deterioration due to age, and clogged toilets resulting in waste water flooding into hallways, offices, and classrooms. These issues have resulted in relocation of classes and offices. This year's request for Phase I upgrades infrastructure in the Aspen Building, while Phase II will address the Breckenridge Building.							
<b>Subtotals: Pikes Peak Community College</b>		<b>Total</b>	<b>\$0</b>	<b>\$1,252,375</b>	<b>\$545,235</b>	<b>\$0</b>	<b>\$1,797,610</b>
		CCF	\$0	\$1,252,375	\$545,235	\$0	\$1,797,610
		CF	\$0	\$0	\$0	\$0	\$0



**Figure 5.3 (Cont.)  
Capital Controlled Maintenance Appropriations Funded for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost	
<b>Public Safety</b>							
Replace HVAC System, Building 126, Camp George West	CCF	\$0	\$728,106	\$0	\$0	\$728,106	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$728,106</b>	<b>\$0</b>	<b>\$0</b>	<b>\$728,106</b>	
The project replaces the HVAC system and the lighting system for Building 126 at Camp George West, which is used as an indoor firing range for training by the Department of Public Safety and other local law enforcement agencies, and it is no longer adequate for the type of trainings for which the facility is used. The replacement rooftop units and HVAC controls will address system and control board failures in times of high demand, which have resulted in costly repairs and range closure.							
<b>Subtotals: Public Safety</b>		<b>Total</b>	<b>\$0</b>	<b>\$728,106</b>	<b>\$0</b>	<b>\$0</b>	<b>\$728,106</b>
	CCF	\$0	\$728,106	\$0	\$0	\$728,106	
	CF	\$0	\$0	\$0	\$0	\$0	
<b>Pueblo Community College</b>							
Replace Roof, Main Building, Southwest Campus	CCF	\$0	\$864,246	\$634,035	\$0	\$1,498,281	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$864,246</b>	<b>\$634,035</b>	<b>\$0</b>	<b>\$1,498,281</b>	
The two-phase project replaces the existing roof with a new tapered insulation system and a fully adhered roofing membrane. The existing roof is shrinking and cracking at an increasing rate and the building is at risk of shutting down. This year's request for Phase I addresses the center and sloped sections of the building.							
<b>Subtotals: Pueblo Community College</b>		<b>Total</b>	<b>\$0</b>	<b>\$864,246</b>	<b>\$634,035</b>	<b>\$0</b>	<b>\$1,498,281</b>
	CCF	\$0	\$864,246	\$634,035	\$0	\$1,498,281	
	CF	\$0	\$0	\$0	\$0	\$0	
<b>Red Rocks Community College</b>							
Install Fire Sprinkler Lines and Upgrade Fire Alarm System, Main Building	CCF	\$0	\$1,566,978	\$1,447,677	\$0	\$3,014,655	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$1,566,978</b>	<b>\$1,447,677</b>	<b>\$0</b>	<b>\$3,014,655</b>	
This two-phase project installs fire water mains and increases water capacity to fire sprinklers in the Main Building at the Lakewood Campus, which currently has limited fire sprinkler coverage. Phase I addresses the East Wing and Phase II will address the West Wing.							
<b>Subtotals: Red Rocks Community College</b>		<b>Total</b>	<b>\$0</b>	<b>\$1,566,978</b>	<b>\$1,447,677</b>	<b>\$0</b>	<b>\$3,014,655</b>
	CCF	\$0	\$1,566,978	\$1,447,677	\$0	\$3,014,655	
	CF	\$0	\$0	\$0	\$0	\$0	
<b>Transportation</b>							
Highway Construction Projects	CCF	\$2,500,000	\$500,000	\$0	\$0	\$3,000,000	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$2,500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>	
The project funds critical state highway projects that are listed in the approved Statewide Transportation Improvement Program. The Transportation Commission is required to annually submit a capital construction request for state highway construction, repair, and maintenance projects to the CDC to be funded with capital construction funds. The commission formally requested one project for funding through the capital budget in FY 2019-20, which was not selected for funding. The JBC also recommended \$500,000 for state highway projects from moneys in the General Fund Exempt Account.							
<b>Subtotals: Transportation</b>		<b>Total</b>	<b>\$2,500,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>
	CCF	\$2,500,000	\$500,000	\$0	\$0	\$3,000,000	
	CF	\$0	\$0	\$0	\$0	\$0	
<b>Trinidad State Junior College</b>							
Upgrade HVAC Air Quality and Building Safety, Alamosa Campus	CCF	\$0	\$1,281,211	\$1,163,177	\$0	\$2,444,388	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$1,281,211</b>	<b>\$1,163,177</b>	<b>\$0</b>	<b>\$2,444,388</b>	
The two-phase project provides air conditioning and improved heating and controls throughout the original building and the addition. The addition, which houses vocational shops, the only large auditorium on campus, and the Learning Resource Center, has no air conditioning. The original building experiences inefficient heating and there are safety concerns due to the combination of unit ventilators and inoperable windows. Phase I addresses the addition and full design, and Phase II will address the original building.							
<b>Subtotals: Trinidad State Junior College</b>		<b>Total</b>	<b>\$0</b>	<b>\$1,281,211</b>	<b>\$1,163,177</b>	<b>\$0</b>	<b>\$2,444,388</b>
	CCF	\$0	\$1,281,211	\$1,163,177	\$0	\$2,444,388	
	CF	\$0	\$0	\$0	\$0	\$0	

**Figure 5.3 (Cont.)  
Capital Construction and Controlled Maintenance Appropriations for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost	
<b>University of Colorado at Boulder</b>							
Replace Campus Fire Alarm Control Panels	CCF	\$763,713	\$1,108,497	\$1,062,739	\$0	\$2,934,949	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$763,713</b>	<b>\$1,108,497</b>	<b>\$1,062,739</b>	<b>\$0</b>	<b>\$2,934,949</b>	
The three-phase project replaces fire alarm panels in nine buildings on campus. The panels are past their useful life and are no longer manufactured. This year's request for Phase II replaces the panels in the Duane, Mathematics, and Bruce Curtis buildings. Phase III replaces the panels in the Muenzinger Psychology, Cristol Chemistry, and Environmental Design buildings, and Phase I replaced the panels in the Ramaley Biology, Computer Center, and Porter buildings.							
Upgrade Campus HVAC Compressed Air Systems	CCF	\$0	\$1,054,424	\$0	\$0	\$1,054,424	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$1,054,424</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,054,424</b>	
The project replaces four compressed air systems in the Electrical Engineering Wing and the Ekeley Sciences Building and replaces a manual valve with a digital control valve for redundancy. The university says the compressors are past their life cycles and are needed to maintain pressure.							
<b>Subtotals: University of Colorado at Boulder</b>		<b>Total</b>	<b>\$763,713</b>	<b>\$2,162,921</b>	<b>\$1,062,739</b>	<b>\$0</b>	<b>\$3,989,373</b>
		CCF	\$763,713	\$2,162,921	\$1,062,739	\$0	\$3,989,373
		CF	\$0	\$0	\$0	\$0	\$0
<b>University of Colorado at Colorado Springs</b>							
Replace Chillers, Engineering Building	CCF	\$0	\$870,802	\$0	\$0	\$870,802	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$870,802</b>	<b>\$0</b>	<b>\$0</b>	<b>\$870,802</b>	
The project replaces the existing chillers in a 35-year-old building with quieter water-cooled centrifugal chillers. The project also replaces associated piping and electrical controls. The existing chillers, with typical life cycles of 20 years, are no longer reliable because of normal deterioration and they contain R-22 refrigerant, a banned substance due to its ozone-depleting properties.							
<b>Subtotals: University of Colorado at Colorado Springs</b>		<b>Total</b>	<b>\$0</b>	<b>\$870,802</b>	<b>\$0</b>	<b>\$0</b>	<b>\$870,802</b>
		CCF	\$0	\$870,802	\$0	\$0	\$870,802
		CF	\$0	\$0	\$0	\$0	\$0
<b>University of Colorado Denver</b>							
Center for Personalized Medicine and Behavioral Health	CCF	\$12,346,906	\$19,846,986	\$21,859,241	\$0	\$54,053,133	
	CF	\$176,583,608	\$11,405,000	\$0	\$0	\$187,988,608	
	<b>Total</b>	<b>\$188,930,514</b>	<b>\$31,251,986</b>	<b>\$21,859,241</b>	<b>\$0</b>	<b>\$242,041,741</b>	
The three-phase project constructs a new, ten-story, 390,914-GSF building on the Anschutz Medical Campus to house the Colorado Center for Personalized Medicine, a new data center, the Colorado Clinical and Translational Sciences Institute, the Simulation Educational HUB, office space, and other education, research, and clinical space for the School of Medicine, the Colorado School of Public Health, and the University of Colorado Hospital. This year's request for Phase II completes construction and initiates interior build-out, commissioning, and equipment.							
Improve Heating System, Building 500	CCF	\$0	\$727,427	\$753,349	\$2,311,577	\$3,792,353	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$727,427</b>	<b>\$753,349</b>	<b>\$2,311,577</b>	<b>\$3,792,353</b>	
The five-phase project replaces the outdated steam system used to heat the perimeter of Building 500 with a new hot water system to address water leaks and poor environmental control. The project also installs new air terminals and automatic controls. This year's request for Phase I addresses the ground floor. The remaining phases will address the remaining floors: first floor in Phase II; second floor in Phase III; fourth, fifth, and eighth floors in Phase IV; and sixth and seventh floors in Phase V.							
<b>Subtotals: University of Colorado Denver</b>		<b>Total</b>	<b>\$188,930,514</b>	<b>\$31,979,413</b>	<b>\$22,612,590</b>	<b>\$2,311,577</b>	<b>\$245,834,094</b>
		CCF	\$12,346,906	\$20,574,413	\$22,612,590	\$2,311,577	\$57,845,486
		CF	\$176,583,608	\$11,405,000	\$0	\$0	\$187,988,608
<b>University of Northern Colorado</b>							
Replace Chiller, McKee Hall	CCF	\$0	\$489,672	\$0	\$0	\$489,672	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$489,672</b>	<b>\$0</b>	<b>\$0</b>	<b>\$489,672</b>	
The project replaces the chiller at McKee Hall to address leaks and corrosion. The chiller is operating at a reduced capacity and facility staff has determined that the chiller cannot be repaired. The project purchases a new centrifugal type electric chiller compatible with campus standards.							
<b>Subtotals: University of Northern Colorado</b>		<b>Total</b>	<b>\$0</b>	<b>\$489,672</b>	<b>\$0</b>	<b>\$0</b>	<b>\$489,672</b>
		CCF	\$0	\$489,672	\$0	\$0	\$489,672
		CF	\$0	\$0	\$0	\$0	\$0
<b>Western Colorado University</b>							
Mitigate Storm Water, Northeast Campus	CCF	\$0	\$1,333,477	\$0	\$0	\$1,333,477	
	CF	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$1,333,477</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,333,477</b>	

**Figure 5.3 (Cont.)  
Capital Controlled Maintenance Appropriations Funded for FY 2019-20**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2020-21	All Future Requests	Total Cost
The project regrades a parking lot and addresses storm water collection with new curbs and gutters in order to reduce the volume of storm water flowing into a nearby channel. Storm water from major weather events has recently overflowed the channel and flooded nearby Kelly Hall.						
<b>Subtotals: Western Colorado University</b>	<b>Total</b>	<b>\$0</b>	<b>\$1,333,477</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,333,477</b>
	CCF	\$0	\$1,333,477	\$0	\$0	\$1,333,477
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$319,256,888</b>	<b>\$224,613,001</b>	<b>\$193,283,361</b>	<b>\$105,108,531</b>	<b>\$832,956,890</b>
<b>Grand Totals</b>	CCF	\$113,710,309	\$156,122,857	\$87,154,594	\$65,114,352	\$413,194,591
	CF	\$205,546,579	\$68,490,144	\$106,128,767	\$39,994,179	\$419,762,299

## **Requests Submitted to the Capital Development Committee in 2020**

After its annual hearings in December 2019, the CDC reviewed FY 2020-21 requests for funding and compiled a prioritized list of capital construction and controlled maintenance projects to recommend to the JBC. The 75 capital construction requests submitted to the CDC totaled \$904.9 million from all sources. Of this amount, there were 65 state-funded projects totaling \$657.9 million in state funds, including three levels of controlled maintenance comprised of 125 individual projects. The requests also included \$247.0 million in non-state funds, including \$141.9 million for ten cash-funded requests and \$105.1 million for the cash component of various state-funded requests.

## **Projects Recommended by the Capital Development Committee in 2020**

The CDC recommended, in priority order, state funding for 59 state-funded projects for inclusion in the 2020 annual budget bill for funding in FY 2020-21— 6 state department capital construction projects, 10 higher education capital construction projects, 31 Level 1 controlled maintenance projects, and 12 Level 2 controlled maintenance projects. The total cost for all recommended projects was \$328.1 million, including \$168.7 million from state funds and \$159.4 million from cash fund sources. In addition, the CDC recommended ten cash-funded projects for state departments totaling \$141.9 million.

*Cash-funded higher education projects.* Higher education institutions annually submit two-year projections for certain capital construction projects to be constructed entirely from cash fund sources. The CDC is directed to review and approve the two-year projections annually. As a result, no cash-funded higher education projects were listed in the 2020 Long Bill. Rather, higher education cash projects were approved by the CDC as part of a two-year projection of cash need. Figure 6.4 on Page 50 briefly details the projects approved through the two-year process during FY 2019-20.

## **Projects Recommended for Funding in 2020**

*State-funded projects approved by the JBC.* Due to the extraordinary economic circumstances which arose during the 2020 legislative session, very little funding was included in the introduced Long Bill, compared to previous years. In lieu of the CDC's prioritized list, the JBC included only a \$2.0 million appropriation to the Controlled Maintenance Emergency Account and \$0.5 million from the General Fund Exempt Account for highway construction projects. Several projects the CDC recommended for state funding were also included as cash-funded projects.

*Changes made to the introduced Long Bill.* The House and Senate made no changes to the capital construction section of the introduced 2020 Long Bill.

*Cash-funded projects recommended for funding.* The JBC approved the CDC's recommended list of cash projects, as submitted. No changes were made to cash-funded projects during debate on the 2020 Long Bill.

*Changes made to the Long Bill during conference committee.* The JBC made no changes to the capital construction section of the 2020 Long Bill during conference committee.

*Capital projects included in the final 2020 Long Bill.* The total amount of funding for capital projects, excluding information technology projects, in the final 2020 Long Bill was \$105.7 million, including \$2.5 million for state-funded projects and \$103.2 million for cash-funded projects, the cash component of various state-funded projects, and the federally funded component of one state-funded project. Of the amount appropriated through state funds, \$0.5 million (20.0 percent) was allocated to capital construction projects and \$2.0 million (80.0 percent) to controlled maintenance. A total of 14 capital projects were listed in the 2020 Long Bill for funding in FY 2020-21, including:

- 2 state department capital construction projects totaling \$2.5 million in state funds;
- 3 higher education capital construction projects totaling \$43.7 million in cash funds; and
- 9 cash-funded state department projects totaling \$81.4 million.

Figure 5.4 provides information about all projects authorized for funding for FY 2020-21. The projects are grouped in alphabetical order by department or institution. Each project includes the following information: (1) the title; (2) funding information about the project, including the source of funds, the total prior appropriation amount for the previous five fiscal years, the amount appropriated for FY 2020-21, any anticipated future appropriation requests through FY 2024-25, and the total project cost; and (3) a brief description of the project.

The General Assembly funded some additional capital projects through other legislation, which is described in Chapter 63.

**Figure 5.4  
Capital Construction and Controlled Maintenance Appropriations Funded for FY 2018-19**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2021-22	All Future Requests	Total Cost
<b>Colorado State University</b>						
<b>Shepardson Building Renovation and Addition</b>	<b>CCF</b>	\$18,009,923	\$0	\$0	\$0	\$18,009,923
	<b>CF</b>	\$9,000,000	\$3,100,000	\$0	\$0	\$12,100,000
	<b>Total</b>	\$27,009,923	\$3,100,000	\$0	\$0	\$30,109,923
The project renovates and constructs an addition to the Shepardson Building on the Fort Collins campus. This request is for Phase III, which furnishes the expanded and renovated building. The Shepardson Building serves the horticulture and landscape architecture services program.						
<b>National Western Center Lease Purchase Payments</b>	<b>CCF</b>	\$0	\$0	\$19,069,386	\$54,292,223	\$73,361,609
	<b>CF</b>	\$16,570,927	\$18,696,574	\$0	\$0	\$35,267,501
	<b>Total</b>	\$16,570,927	\$18,696,574	\$19,069,386	\$54,292,223	\$108,629,110
The request makes an annual lease payment for the first tranche of certificates of participation issued to finance the construction of buildings on the National Western Center campus and affiliated buildings on the main Colorado State University campus.						
<b>Subtotals: Colorado State University</b>	<b>Total</b>	<b>\$43,580,850</b>	<b>\$21,796,574</b>	<b>\$19,069,386</b>	<b>\$54,292,223</b>	<b>\$138,739,033</b>
	<b>CCF</b>	\$18,009,923	\$0	\$19,069,386	\$54,292,223	\$91,371,532
	<b>CF</b>	\$25,570,927	\$21,796,574	\$0	\$0	\$47,367,501
<b>History Colorado</b>						
<b>Regional Museum Preservation Projects</b>	<b>CCF</b>	\$0	\$0	\$0	\$0	\$0
	<b>CF</b>	\$4,200,000	\$700,000	\$0	\$0	\$4,900,000
	<b>Total</b>	\$4,200,000	\$700,000	\$0	\$0	\$4,900,000
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.						
<b>Subtotals: History Colorado</b>	<b>Total</b>	<b>\$4,200,000</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,900,000</b>
	<b>CCF</b>	\$0	\$0	\$0	\$0	\$0
	<b>CF</b>	\$4,200,000	\$700,000	\$0	\$0	\$4,900,000
<b>Human Services</b>						
<b>Facility Upgrades, Fitzsimons Veterans Community Living Center</b>	<b>CCF</b>	\$0	\$0	\$0	\$0	\$0
	<b>CF</b>	\$0	\$969,346	\$0	\$0	\$969,346
	<b>Total</b>	\$0	\$969,346	\$0	\$0	\$969,346
The project makes facility upgrades and replacements at the Fitzsimons Veterans Community Living Center and addresses various deferred maintenance issues. The project upgrades the HVAC system in the lobby and administrative area, replaces a water tank that provides domestic hot water to the facility, and demolishes Building 17 on the Fitzsimons campus to replace it with a metal storage building.						
<b>Facility Upgrades, McCandless Veterans Community Living Center</b>	<b>CCF</b>	\$0	\$0	\$0	\$0	\$0
	<b>CF</b>	\$0	\$546,892	\$0	\$0	\$546,892
	<b>Total</b>	\$0	\$546,892	\$0	\$0	\$546,892
The project makes facility upgrades and replacements at the Bruce McCandless Veterans Community Living Center and addresses various deferred maintenance issues. The project remodels the recreation room bathroom, converts a former smoking room to office space, converts a former pharmacy to a nursing services office, upgrades the basement laundry sorting room, renovates two soiled linen and two clean linen rooms, remodels four janitor's closets, and paves the overflow parking lot.						
<b>Facility Upgrades, Homelake Veterans Community Living Center</b>	<b>CCF</b>	\$0	\$0	\$0	\$0	\$0
	<b>CF</b>	\$0	\$390,754	\$0	\$0	\$390,754
	<b>Total</b>	\$0	\$390,754	\$0	\$0	\$390,754
The project makes facility upgrades and replacements at the Homelake Veterans Community Living Center and addresses various deferred maintenance issues. The project replaces portions of concrete sidewalks, concrete ramps and stairways to six cottages, parts of the asphalt parking lot, aged and existing vinyl composition tile and carpet.						

**Figure 5.4 (Cont.)**  
**Capital Construction and Controlled Maintenance Appropriations in SB 17-254**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2021-22	All Future Requests	Total Cost
<b>Facility Upgrades, Rifle Veterans Community Living Center</b>	CCF		\$0	\$0	\$0	\$0
	CF		\$0	\$303,712	\$0	\$0
	<b>Total</b>		\$0	\$303,712	\$0	\$0
The project makes facility upgrades and replacements at the Rifle Veterans Community Living Center and addresses various deferred maintenance issues. The project replaces existing storage units with a new storage and maintenance building that includes a concrete foundation and electrical power.						
<b>Regional Center Capital Improvements</b>	CCF		\$0	\$0	\$0	\$0
	CF		\$2,740,214	\$745,110	\$0	\$0
	<b>Total</b>		\$2,740,214	\$745,110	\$0	\$0
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.						
<b>Subtotals: Human Services</b>	<b>Total</b>		<b>\$2,740,214</b>	<b>\$2,955,814</b>	<b>\$0</b>	<b>\$0</b>
	CCF		\$0	\$0	\$0	\$0
	CF		\$2,740,214	\$2,955,814	\$0	\$0
<b>Natural Resources — Parks and Wildlife</b>						
<b>Property Acquisition and Improvements</b>	CCF		\$0	\$0	\$0	\$0
	CF		\$11,000,000	\$11,000,000	\$0	\$0
	<b>Total</b>		\$11,000,000	\$11,000,000	\$0	\$0
The project allows Colorado Parks and Wildlife to acquire interests in real property through a competitive bidding process. In addition to protecting critical wildlife habitat for game species, the department's efforts also include protecting the habitat of species of concern, preserving wildlife diversity, and acquiring public access for wildlife-related recreation.						
<b>Infrastructure and Real Property Maintenance</b>	CCF		\$0	\$0	\$0	\$0
	CF		\$20,915,041	\$9,869,600	\$0	\$0
	<b>Total</b>		\$20,915,041	\$9,869,600	\$0	\$0
The project rehabilitates and improves infrastructure and facilities at state wildlife areas, state fishing units, and a state administrative area. This project includes maintenance, enhancement, or replacement of a variety of existing physical assets.						
<b>Subtotals: Natural Resources - Parks and Wildlife</b>	<b>Total</b>		<b>\$31,915,041</b>	<b>\$20,869,600</b>	<b>\$0</b>	<b>\$0</b>
	CCF		\$0	\$0	\$0	\$0
	CF		\$31,915,041	\$20,869,600	\$0	\$0
<b>Personnel and Administration</b>						
<b>Controlled Maintenance Emergency Account</b>	CCF		\$13,110,216	\$2,043,768	\$0	\$0
	CF		\$0	\$0	\$0	\$0
	<b>Total</b>		\$13,110,216	\$2,043,768	\$0	\$0
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.						
<b>Subtotals: Personnel and Administration</b>	<b>Total</b>		<b>\$13,110,216</b>	<b>\$2,043,768</b>	<b>\$0</b>	<b>\$0</b>
	CCF		\$13,110,216	\$2,043,768	\$0	\$0
	CF		\$0	\$0	\$0	\$0

**Figure 5.4 (Cont.)  
Capital Construction and Controlled Maintenance Appropriations in SB 17-254**

Project Name	Fund Source	Prior Appropriations	Current Year Appropriations	FY 2021-22	All Future Requests	Total Cost
<b>Public Health and Environment</b>						
Superfund-Colorado Smelter	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$0	\$35,000,000	\$0	\$0	\$35,000,000
	<b>Total</b>	\$0	\$35,000,000	\$0	\$0	\$35,000,000
The project remediates heavy metal contamination from the residential area around the Colorado Smelter Superfund site in Pueblo. This project is largely federally funded, and includes a \$3,507,544 contribution from state cash funds.						
<b>Subtotals: Public Health and Environment</b>						
	<b>Total</b>	\$0	\$35,000,000	\$0	\$0	\$35,000,000
	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$0	\$35,000,000	\$0	\$0	\$35,000,000
<b>Transportation</b>						
Highway Construction Projects	CCF	\$3,000,000	\$500,000	\$0	\$0	\$3,500,000
	CF	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$3,000,000	\$500,000	\$0	\$0	\$3,500,000
The project funds critical state highway projects that are listed in the approved Statewide Transportation Improvement Program. The Transportation Commission is required to annually submit a capital construction request for state highway construction, repair, and maintenance projects to the CDC to be funded with capital construction funds. The commission formally requested one project for funding through the capital budget in FY 2020-21, which was not selected for funding. The JBC also recommended \$500,000 for state highway projects from moneys in the General Fund Exempt Account.						
<b>Subtotals: Transportation</b>						
	<b>Total</b>	\$3,000,000	\$500,000	\$0	\$0	\$3,500,000
	CCF	\$3,000,000	\$500,000	\$0	\$0	\$3,500,000
	CF	\$0	\$0	\$0	\$0	\$0
<b>University of Colorado Denver</b>						
Center for Personalized Medicine and Behavioral Health	CCF	\$32,193,892	\$0	\$0	\$0	\$32,193,892
	CF	\$187,988,608	\$21,859,241	\$0	\$0	\$209,847,849
	<b>Total</b>	\$220,182,500	\$21,859,241	\$0	\$0	\$242,041,741
The three-phase project constructs a new, ten-story, 390,914-GSF building on the Anschutz Medical Campus to house the Colorado Center for Personalized Medicine, a new data center, the Colorado Clinical and Translational Sciences Institute, the Simulation Educational HUB, office space, and other education, research, and clinical space for the School of Medicine, the Colorado School of Public Health, and the University of Colorado Hospital. This year's request for Phase III finishes equipping and furnishing the building.						
<b>Subtotals: University of Colorado Denver</b>						
	<b>Total</b>	\$220,182,500	\$21,859,241	\$0	\$0	\$242,041,741
	CCF	\$32,193,892	\$0	\$0	\$0	\$32,193,892
	CF	\$187,988,608	\$21,859,241	\$0	\$0	\$209,847,849
<b>Grand Totals</b>						
	<b>Total</b>	\$318,728,821	\$105,724,997	\$19,069,386	\$54,292,223	\$497,815,427
	CCF	\$66,314,031	\$2,543,768	\$19,069,386	\$54,292,223	\$142,219,408
	CF	\$252,414,790	\$103,181,229	\$0	\$0	\$355,596,019



## **VI. Other Action Taken by the CDC During FY 2018-19 and FY 2019-20**

In addition to making recommendations for FY 2018-19 and FY 2019-20 capital construction and controlled maintenance projects, the CDC acted on a number of other items during FY 2018-19 and FY 2019-20. This chapter summarizes action taken by the CDC on supplemental requests, six-month waiver requests, property transactions, and cash-funded higher education capital construction projects. This chapter also summarizes tours of various state-owned facilities taken by the committee and describes other miscellaneous committee activities.

***Supplemental requests.*** State departments and higher education institutions must submit requests for substantive changes to a capital project, including requests for supplemental funding, extensions of time, and changes to project scope, to the CDC. Figure 6.1 describes 13 supplemental requests considered and approved by the CDC during FY 2018-19 and FY 2019-20. The combined impact of the five supplemental requests is \$11.1 million in state funds and \$112.4 million in cash funds spending authority.

***Six-month waivers.*** Colorado law requires most departments and institutions that do not initiate a project and encumber funds within six months of the appropriation date to request a waiver of the six-month encumbrance deadline from the CDC. Upon approval, the CDC forwards its recommendation to the State Controller. Cash-funded higher education capital construction projects and IT capital projects are exempt from this requirement. Figure 6.2 lists nine six-month waiver requests approved by the CDC in FY 2018-19 and FY 2019-20.

***Property transactions.*** The Colorado Division of Parks and Wildlife (CPW) within the Department of Natural Resources is statutorily required to submit property transaction proposals that exceed a period of 25 years or a cost of \$100,000 to the CDC for review and comment. The CDC makes its recommendations regarding CPW property transactions to the CPW Commission. The source of funds for these property transactions is cash funds, including revenue earned from the sale of the Habitat Stamp and state lottery proceeds allocated to the Great Outdoors Colorado Trust Fund. Figure 6.3 lists 11 property transactions submitted by CPW to the CDC for review and comment in FY 2018-19 and FY 2019-20. The listed property transaction proposals were favorably recommended.

In addition to the CPW property transactions recommended by the CDC, the committee also favorably recommended a proposal by the Department of Human Services to acquire property in Adams County to accommodate programming by the Division of Youth Services. This transaction was conducted under authority granted to the Department of Personnel and Administration to acquire property, in fee title, on behalf of the state for present or future use by the state.

***Cash-funded higher education capital construction projects.*** Cash-funded higher education projects are submitted to the CDC for review as part of a two-year projection of cash need subject to certain thresholds. Review is required for new construction or an acquisition costing more than \$2.0 million and for renovation projects costing more than \$10.0 million. Figure 6.4 describes 27 cash-funded higher education projects approved or reauthorized by the CDC during FY 2018-19 and FY 2019-20.

***CDC tours of state-owned facilities.*** During FY 2018-19, the CDC took one tour of state facilities. In June 2019, the committee toured facilities along the Interstate 70 corridor west of the Denver Metropolitan Area to Grand Junction and in southwestern Colorado, along with the Buena Vista

Correctional Facility. The committee took two tours in FY 2019-20. In September 2019, the committee toured the University of Colorado at Boulder, Fort Vasquez, and sites in Fort Collins, Greeley, and northeastern Colorado. In October 2019, the CDC toured facilities in southern Colorado, including Florence, Canon City, Pueblo, Alamosa, and Trinidad.

*Miscellaneous CDC activities.* Figure 6.5 provides a description of all actions taken by the CDC during FY 2018-19 and FY 2019-20.

**Figure 6.1**  
**Supplemental Requests for Capital Construction**  
**Approved by the CDC and JBC**  
**July 1, 2018 — June 30, 2020**

Agency	Project Title	Summary of Request	Supplemental Amount
<b>FY 2018-19</b>			
Human Services	Fitzsimons VCLC Fire Alarm System Replacement	The request was for additional cash funds spending authority to cover cost escalation attributed to changes in the local building code.	\$557,154 CF
Human Services	42-Bed Expansion, CMHI at Pueblo	Prompted by a lawsuit settlement requiring expedited competency evaluations and restorations, the project renovates existing space to create 42 in-patient beds. The project was a new, never-before-requested project.	\$843,838 CCF
University of Colorado at Colorado Springs	Ent Center for the Performing Arts	The request was for additional cash funds spending authority to construct a set shop. The previous set shop was deemed to not be code compliant by the state building inspector. The committee also approved an extension of time for spending the cash funds.	\$300,000 CF
Human Services	Hawkins Building L2 Unit, Colorado Mental Health Institute at Pueblo	The project builds a 24-bed wing to help expedite pretrial competency evaluations and restorations. Bids for the project came in higher than expected due to a strong construction market and high costs for security systems.	\$1,600,000 CCF
Public Health and Environment	Replace Mechanical System, Laboratory Building	Failure of aging mechanical systems posed a threat to the health, life, and safety of building occupants. The department was previously unable to secure controlled maintenance funding.	\$1,421,454 CCF
University of Northern Colorado	Campus Commons	The university sought additional time to spend a portion of the project's funding. Departments and institutions have three years to spend a capital construction appropriation.	Nonmonetary adjustment
<b>Subtotal FY 2018-19</b>			<b>\$3,865,292 CCF</b>
			<b>\$ 857,154 CF</b>

**Figure 6.1 (Cont.)  
Supplemental Requests for Capital Construction  
Approved by the CDC and JBC  
July 1, 2018 — June 30, 2020**

Agency	Project Title	Summary of Request	Supplemental Amount
<b>FY 2019-20</b>			
Metropolitan State University Denver	Aerospace Engineering Sciences Building	The university requested a time extension to secure and spend an additional \$6.5 million in cash funds to complete certain aspects of the project, explaining that it did not meet initial fundraising goals.	Nonmonetary adjustment
Public Health and Environment	Replacement Generator, State Laboratory	While a project to expand the newborn screening lab was underway, an engineering firm performed an evaluation of the current generator capacity. That evaluation revealed that the existing generator is unable to support additional loads. The newborn screening lab requires a new generator for emergency power.	\$912,982 CF
Personnel and Administration	Annex Sewer Venting Repair	The project replaces the entire restroom vent stack and domestic water plumbing system and abates asbestos. An assessment identified multiple pipes with large cracks and holes, and physical waste seeping into ceilings, jeopardizing safety and use of the building.	\$4,070,023 CCF
Human Services	Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Services (DYS)	Recent escapes from DYS facilities have highlighted perimeter security gaps at these facilities, prompting the department to expand the scope of anti-climb/anti-cut perimeter fencing installation beyond the original scope.	\$1,575,058 CCF
Human Services	Facility Refurbishment for Safety, Risk Mitigation, and Modernization, DYS	The cost for installing anti-climb/anti-cut perimeter fencing at Mount View Youth Services Center was higher than originally requested based on a number of factors that were not revealed until project design.	\$473,131 CCF
Colorado School of Mines	Subsurface Frontiers Building	The request moves forward with the cash-funded portion of an out-year request to take advantage of favorable bond market conditions. The supplemental also expands the scope of the project by 25,000 GSF.	\$110,630,982 CF
Corrections	Deferred Maintenance Projects	This supplemental request originated as an operating request that the JBC referred to the CDC for action. The project addresses a number of deferred maintenance issues across the department's facilities, addressing systems such as heating, power, lighting, security hardware, and fire alarms.	\$1,134,147 CCF
<b>Subtotal FY 2019-20</b>			<b>\$7,252,359 CCF</b>
			<b>\$111,543,964 CF</b>
<b>Grand Total FY 2018-19 and FY 2019-20</b>			<b>\$11,117,611 CCF</b>
			<b>\$ 112,401,118 CF</b>

**Figure 6.2**  
**Six-month Waiver Requests Approved by the CDC**  
**July 1, 2018 – June 30, 2020**

<b>Reason for Waiver</b>	<b>Fund Source</b>	<b>Waiver Amount</b>
<b>FY 2018-19</b>		
<i>Public Health and Environment</i>	CF	\$1,162,500
<b>Laboratory Space Expansion and Equipment Purchase</b>		
The department requested a waiver for the FY 2018-19 appropriation because the department required additional time to complete its stakeholder engagement and rules process before contracting for space build-out and equipment purchase.		
<i>Adams State University</i>	CCF	\$3,252,559
<b>Plachy Hall HVAC Upgrade and Replacement (Capital Renewal)</b>		
The university requested a waiver for the FY 2018-19 appropriation because the university needed additional time to finalize a contract for design services, which was delayed due to the departure of key personnel.		
<i>Adams State University</i>	CCF	\$122,430
<b>Upgrade Restroom for Code Compliance, Planetarium</b>		
The university requested a waiver for the FY 2018-19 appropriation because the university needed additional time to finalize a contract for design services, which was delayed due to the departure of key personnel.		
	CF	\$1,162,500
	CCF	\$3,374,989
	<b>Subtotal FY 2018-19</b>	<b>\$4,537,489</b>
<b>FY 2019-20</b>		
<i>Human Services</i>	CF	\$1,101,159
<b>Facility Master Plan, Department-Wide</b>		
The department requested a waiver for the FY 2019-20 appropriation because the department is cash-funding the project from proceeds of a land sale, which closed in September 2019. The waiver allows the department to undertake standard procurement practices necessary to contract for the facility master plan.		

**Figure 6.2 (Cont.)  
Six-month Waiver Requests Approved by the CDC  
July 1, 2018 – June 30, 2020**

<b>Reason for Waiver</b>	<b>Fund Source</b>	<b>Waiver Amount</b>
<b>FY 2019-20</b>		
<i>Adams State University</i>	CCF	\$1,037,625
<b>Replace Campus Boilers, Five Buildings</b>		
The university requested a waiver for the FY 2019-20 appropriation because staff turnover at Adams State required the delegation of a new campus official for contract execution authority, and turnover at the Office of the State Architect further delayed the transfer of authority, resulting in the project contract not being executed by the six-month deadline.		
<i>Parks and Wildlife</i>	CF	\$11,000,000
<b>Property Acquisitions and Improvements</b>		
The division requested a waiver for the FY 2019-20 appropriation because the request-for-proposal process and prioritization take several months to generate a project list that is presented to the Parks and Wildlife Commission in November of each year. Subsequently, the due diligence and negotiations with landowners can take six months to over a year.		
<i>Lamar Community College</i>	CCF	\$1,301,245
<b>Upgrade Interior and Exterior Building Access Control, Campus wide</b>		
The college requested a waiver for the FY 2019-20 appropriation because university officials thought that the six-month period began on the first day of the fiscal year rather than the day the Long Bill was signed, and were unable to encumber funds before the deadline.		
<i>Colorado State Fair</i>	CCF	\$1,527,448
<b>Replace HVAC Systems, Event Center</b>		
The Department of Agriculture requested a waiver for the FY 2019-20 appropriation because it was unable to adequately determine the appropriate system for the Event Center that corresponds to the building's uses, and subsequently could not select a vendor by the encumbrance deadline. Further impacting the decision timeline was the need to wait for the State Fair to conclude in August before project initiation could be a priority.		
<i>University of Colorado at Colorado Springs</i>	CCF	\$870,802
<b>Replace Chillers, Engineering Building</b>		
The university requested a waiver for the FY 2019-20 appropriation because university officials thought that six-month period began on the first day of the fiscal year rather than the day the Long Bill was signed, and due to turnover in the university's Planning, Design, and Construction Department.		
	<i>CF</i>	\$12,101,159
	<i>CCF</i>	\$4,737,120
	<b>Subtotal FY 2019-20</b>	<b>\$16,838,279</b>
	<i>Total CF</i>	\$13,263,659
	<i>Total CCF</i>	\$8,112,109
	<b>Grand Total FY 2018-19 and FY 2019-20</b>	<b>\$21,375,768</b>

**Figure 6.3  
Colorado Parks and Wildlife Property Transactions Recommended by the CDC  
July 1, 2018 – June 30, 2020**

<b>Name</b>	<b>Description of Acquisition</b>	<b>Size</b>	<b>Location</b>	<b>Cost to CPW</b>
<b>FY 2018-19</b>				
Hale River Ranch Conservation and Perpetual Public Access Easements	The project acquires a conservation easement on the entire property and a perpetual public access easement for hunting and fishing on about 400 acres of the property. The property will allow fishing access to the Rio Grande River and, in conjunction with an adjacent State Wildlife Area (SWA), duck hunting.	650 acres	10 miles northwest of Alamosa	\$1,500,000
Pothook Ranch State Wildlife Area (SWA) Conservation and Access Easements	The project acquires conservation and access easements on the entire property. The access easement will provide for hunting and wildlife viewing, along with fishing access to Slater Creek. The property will be closed seasonally to avoid disturbing wildlife during sensitive periods, and to avoid conflicts with agricultural operations.	2,357 acres	30 miles northeast of Craig	\$2,640,140
Dome Rock SWA Shiloh Plain Fee Title Acquisition	The project acquires an inholding in fee title within Dome Rock SWA, which provides winter habitat for bighorn sheep. The acquisition will establish connectivity between the SWA's trail system and an adjacent state park's trail system. Although the property, which came into private hands through an old mining claim, is being donated to CPW, 50 percent of the mineral rights is still privately owned.	41 acres	20 miles west of Colorado Springs	\$0
Flanders Ranch RFP – Access Easement	The project acquires a public access easement for public fishing, hunting, and wildlife viewing. The acquisition will allow for hunting of deer, elk, and waterfowl, and for fishing on the Yampa River. The property owners will continue agricultural operations on the land.	1,659 acres	2 miles northeast of Hayden	\$480,000
<b>FY 2019-20</b>				
Hale South River Ranch Conservation and Perpetual Access Easements	The project acquires a perpetual public access easement on 320 acres and partially funds a third party conservation easement on 690 acres of land adjacent to the Higel SWA.	1,010 acres	10 miles northwest of Alamosa	\$800,000

**Figure 6.3 (Cont.)**  
**Colorado Parks and Wildlife Property Transactions Recommended by the CDC**  
**July 1, 2018 – June 30, 2020**

Names	Description of Acquisition	Size	Location	Cost to CPW
Rio Blanco Lake SWA/White River City Improvements, LLC Fee Title Exchange	The project exchanges a three-acre, undeveloped parcel on the south side of the White River for an undeveloped, 8.55-acre parcel on the north side of the White River. The new parcel abuts Rio Blanco Lake SWA, closes a river frontage gap of 2,000 feet, and increases fishing and hunting opportunities on the Rio Blanco Lake SWA.	9 acres	20 miles west of Meeker	\$0
Dome Rock SWA Campbell Inholding Fee Title Acquisition.	The project acquires fee title to an inholding property in Dome Rock SWA at no cost.	0.3 acres	20 miles west of Colorado Springs	\$0
Crazy French Ranch Fee Title Acquisition	The property acquires the Crazy French Ranch, which contains Fisher's Peak and will be incorporated into a new state park. Deed to the property will be transferred from project partners with restrictions on the use of the property, stipulating that it must be used as a state park, cannot be subdivided, and cannot be put to commercial use. The property connects to other publicly owned parcels in Colorado and New Mexico, offering extensive access to public lands.	19,200 acres	South of Trinidad adjacent to Interstate 25, extending southward to New Mexico	\$16,750,000
Colorado Wildlife Heritage Foundation Gunnison SWA Fee Title Acquisition	The project acquires, in fee title, two forty-acre parcels, at no cost, from the Colorado Wildlife Heritage Foundation. The property is located along the east side of the Blinberry Gulch parcel of the Gunnison SWA, which was acquired in 2004 to protect an active Gunnison sage grouse lek complex. The parcels to be acquired will provide buffering around the lek complex and the lek extends onto one of the parcels.	80 acres	1 mile west of Gunnison	\$0
Neiley-Maniscalchi Sam Caudill State Wildlife Area Fee Title Acquisition	The project acquires, in fee title, a parcel bordering Sam Caudill SWA to the southeast, which the department will incorporate into the SWA. The department will use the property to improve parking and traffic circulation to a boat ramp. CPW says the SWA is heavily used and is located on the Roaring Fork River.	1.5 acres	4 miles south of Glenwood Springs	\$0
Frying Pan River SWA - Gabow Lease Amendment	The lease amendment allows fishing access on one acre on the north side of the Frying Pan River. The property has been leased by the department since 2007. While south bank access exists, this would be the only north bank access, which the department says is critical for fishery management. The cost will be paid in annual installments through FY 2026-27.	1 acre	6 miles east of Basalt	\$135,157

**Figure 6.4**  
**Higher Education Cash Projects Approved or**  
**Reauthorized during FY 2018-19 and FY 2019-20**  
**Organized by Higher Education Institution**

Institution Name and Project Title	Cost
<b>FY 2018-19</b>	
<b>Colorado Mesa University</b>	
<b>Student Housing Wingate West</b>	<b>\$18,000,000</b>
<i>Reauthorized.</i> The project, also known as Wingate Hall Phase 1B, constructs a 120-bed, 55,000-GSF residence-hall addition. The project includes four-room, apartment-style suites for sophomores, with multiple units sharing a full-sized kitchen. The Wingate/Garfield Housing Complex includes four residence halls, two of which have been completed and one of which has been partially completed. Once complete, the entire complex will house 1,000 students.	
<b>Student Housing Phase VIIB</b>	<b>\$11,400,000</b>
<i>New.</i> The project, also known as Wingate Hall Phase 1B, constructs a 135-bed, 32,565-GSF residence hall addition to address on-campus housing demand and increased enrollment. The project includes student rooms, resident assistant rooms, bathrooms, laundry rooms, and gathering spaces.	
<b>Subtotal, Colorado Mesa University</b>	
<b>\$29,400,000</b>	
<b>Colorado State University</b>	
<b>Center for Vector-Borne Infectious Diseases</b>	<b>\$25,000,000</b>
<i>New.</i> The project constructs a 38,000-GSF facility on the Foothills Campus to relocate programs currently housed in the Infectious Disease Annex (IDA) and Arthropod-borne and Infectious Disease Laboratory (AIDL) buildings. The new facility will consolidate the current programs into a new building with functional research laboratories, and insectary and office space.	
<b>High Plains Campus Extension</b>	<b>\$2,000,000</b>
<i>New.</i> The project constructs a new office and classroom facility at the Arkansas Valley Research Center in Rocky Ford. It will house the CSU Extension Southeastern Regional Office, Otero County Extension Office, and CSU Agricultural Experiment Station administration.	
<b>JBS Global Food Innovation Center Phase II</b>	<b>\$7,000,000</b>
<i>New.</i> Phase I of the project, approved in June 2017, constructed a 38,000-GSF addition to the south of the Animal Sciences building. Phase II of the project finishes space for food animal holding, judging, and processing; classrooms; offices; laboratories; a culinary kitchen; and a small retail space for meat sales. The project provides primarily equipment and some furnishings for the newly constructed space.	
<b>Temple Grandin Center for Equine Assisted Therapies</b>	<b>\$8,500,000</b>
<i>Reauthorized.</i> The project constructs a 41,500-GSF arena on the Foothills Campus for teaching equine-assisted therapy. CSU's Equine Science program will use the arena to provide instruction and outreach in therapeutic riding. According to the university, the facility benefits students in several colleges, and provides services to the special needs community and the National Western Center.	
<b>South Campus Infrastructure</b>	<b>\$7,150,000</b>
<i>Reauthorized.</i> The project constructs infrastructure on the south campus for the build-out of the veterinary medicine campus, which is the site of the proposed Equine Veterinary Teaching Hospital and Institute for Biological and Translational Therapies buildings. Both buildings were financed through the National Western COP issuance. The project also relocates several existing buildings in accordance with the current campus master plan.	



**Figure 6.4 (Cont.)  
Higher Education Cash Projects Approved or  
Reauthorized during FY 2018-19 and FY 2019-20  
Organized by Higher Education Institution**

Institution Name and Project Title	Cost
<b>FY 2018-19 (Cont.)</b>	
<b>Colorado State University</b>	
<b>Purchase of 2243 Centre Avenue</b>	<b>\$9,300,000</b>
<i>New.</i> The project purchases and provides tenant finishes for 2243 Centre Avenue, a three-story, 33,000-GSF building located in the Center for Advanced Technology, about 1/2 mile south of the main campus. The building was owned by the CSU Research Foundation. CSU Semester at Sea is already leasing space in the building and University Advancement will move from several different main campus locations to this building after purchase.	
<b>South Campus Animal Research Facility</b>	<b>\$6,250,295</b>
<i>New.</i> The project constructs a 12,150-GSF facility on the south campus to house laboratory animals in support of the Translational Medicine Institute, Animal Cancer Center, Pre-Surgical Research Laboratory, and the Veterinary Teaching Hospital. Current laboratory animal housing, located in the Veterinary Teaching Hospital, has limited holding capacity and limited space for procedures. It also lacks space to provide dogs with outdoor exercise and is located undesirably close to client service areas.	
<b>Subtotal, Colorado State University</b>	<b>\$65,200,295</b>
<b>Colorado Mesa University</b>	
<b>Maverick Teaching Hotel</b>	<b>\$15,776,160</b>
<i>New.</i> The project constructs a 50,300-GSF, 91-guest room teaching hotel on campus. The hotel will be used to train students enrolled in the hospitality management, culinary arts, business administration, and baking and pastry arts programs.	
<b>Student Housing Phase VIIB</b>	<b>\$11,400,000</b>
<i>New.</i> The project, also known as Wingate Hall Phase 1B, constructs a 135-bed, 32,565-GSF residence hall addition to address on-campus housing demand and increased enrollment. The project includes student rooms, resident assistant rooms, bathrooms, laundry rooms, and gathering spaces.	
<b>Subtotal, Colorado Mesa University</b>	<b>\$27,176,160</b>
<b>Colorado School of Mines</b>	
<b>1750 Jackson Street Land Acquisition</b>	<b>\$2,960,000</b>
<i>New.</i> The project purchases a 1.4-acre parcel of land at 1750 Jackson Street in Golden. As part of a public-private partnership, a private developer plans to build a 107-unit student apartment complex on the land.	
<b>Parking Garage</b>	<b>\$28,600,000</b>
<i>Revised.</i> The project constructs a 750-space, 285,000-GSF parking garage, and includes 20,000 GSF of office and classroom space. The project was originally approved in 2017 for \$23.0 million. The additional spending authority addresses higher costs for excavation and the construction of a retaining wall.	
<b>Subtotal, Colorado School of Mines</b>	<b>\$31,560,000</b>
<b>Otero Junior College</b>	
<b>Migrant Seasonal Head Start Building</b>	<b>\$5,811,029</b>
<i>New.</i> The project constructs a building for the Migrant Seasonal Head Start Program. Otero Junior College is the grantee of a federal Department of Health and Human Services grant to operate the program, which assists the growth and development of infants, toddlers, and preschool children of workers who come to the area to work in the agriculture industry on a seasonal basis. The program is currently operated in a building with significant septic and leach field issues.	
<b>Subtotal, Otero Junior College</b>	<b>\$5,811,029</b>

**Figure 6.4 (Cont.)  
Higher Education Cash Projects Approved or  
Reauthorized During FY 2018-19 and FY 2019-20  
Organized By Higher Education Institution**

Institution Name and Project Title	Cost
<b>FY 2018-19 (Cont.)</b>	
<b><i>Pikes Peak Community College</i></b>	
<b>Cypress Semi Building</b>	<b>\$9,750,000</b>
<i>New.</i> The project acquires and renovates a 68,829-GSF building for the college's existing and new allied health programs. Most of the renovations will address interior finishes and systems. Existing programs will be relocated from the Centennial and Rampart Campuses and vacated space will be repurposed into general education classrooms, study space, and a computer lab. According to the college, there is a demonstrated need for trained individuals in allied health professions such as nursing and medical technicians.	
<b>Subtotal, Pikes Peak Community College</b>	<b>\$9,750,000</b>
<b><i>University of Colorado at Boulder</i></b>	
<b>Acquisition of 1135 Broadway</b>	<b>\$4,000,000</b>
<i>New.</i> The project purchases a 13,887-GSF commercial building on Broadway, across from the main campus, to accommodate future campus space needs. The university plans to relocate some campus administrative departments currently housed on the main campus, thereby freeing up space on the main campus for more student-centered, academic programs. In the long term, the university says the purchase, along with an adjacent tract already owned by CU Boulder, will provide a redevelopment opportunity for possible new construction.	
<b>Business and Engineering School Expansion</b>	<b>\$45,000,000</b>
<i>New.</i> The project renovates 28,786 GSF and constructs a 45,370-GSF addition to the Koelbel Building and the Engineering Center to accommodate future program growth and address deferred maintenance. The project adds classroom, assembly, and study space capacity for both the business and engineering programs. The project connects the existing Business and Engineering Buildings.	
<b>Subtotal, University of Colorado at Boulder</b>	<b>\$49,000,000</b>
<b><i>University of Colorado Denver</i></b>	
<b>First Year Student Housing</b>	<b>\$68,265,404</b>
<i>New.</i> The project constructs a 167,218-GSF, 550-bed residential building for first-year students within the CU Denver neighborhood on the Auraria campus. The building will also house limited student supports, and a dining hall accessible by all CU Denver students, faculty, and staff.	
<b>Anschutz Health Sciences Building Basement Shell Space Build-out</b>	<b>\$35,906,228</b>
<i>New.</i> The project completes shelled basement space in the Anschutz Health Sciences Building to house specialized laboratory testing and procedure rooms and Biosafety Level 2/3 functions. The facility, also known as the Colorado Center for Personalized Medicine and Behavioral Health is due to be completed in August 2021. The functions to be housed in the shelled space currently reside in other campus buildings, and relocating the research spaces to the new building will consolidate programming while freeing up space for other departments.	
<b>Research Tower 2 Basement Shell Space Build-out</b>	<b>\$11,942,915</b>
<i>New.</i> The project completes shelled basement space in the Research Tower II on the Anschutz Medical Campus to accommodate specialized research and testing and improve biosecurity. The university explains that the existing research space has limited the ability of faculty to expand research and has negatively affected recruitment of new faculty. The project will help to mitigate a need for specialty research space, driven by a near doubling of faculty in the last ten years.	
<b>Subtotal, University of Colorado Denver</b>	<b>\$116,114,547</b>

**Figure 6.4 (Cont.)  
Higher Education Cash Projects Approved or  
Reauthorized During FY 2018-19 and FY 2019-20  
Organized By Higher Education Institution**

Institution Name and Project Title	Cost
<b>FY 2018-19 (Cont.)</b>	
<b><i>University of Northern Colorado</i></b>	
<b>Sport Performance Facility</b>	<b>\$5,784,445</b>
<i>New.</i> This project constructs a 27,000-GSF addition to Butler Hancock Hall to house a dedicated strength and conditioning facility. The existing sports performance center was constructed in 1974 and renovated and expanded in 2010. The university says the current facilities are inadequate and adding this extension would be valuable for recruiting and success of the athletic programs. It will serve approximately 450 student athletes and provide space for students in the School of Sports and Exercise Science to work with student athletes as part of their curriculum.	
<b>Subtotal, University of Northern Colorado</b>	<b>\$5,784,445</b>
<b><i>Western Colorado University</i></b>	
<b>Transfer of Borick Business Building</b>	<b>\$0</b>
<i>New.</i> The project transfers the 23,690-GSF Borick Business Building from the Western Colorado University Foundation to Western Colorado University. The university has leased the building from the foundation since its construction in 2007. The foundation and the university intend to dissolve the lease agreements, which will transfer ownership to the university at no cost. The building contains classroom, office, and meeting space that currently houses the School of Business.	
<b>Transfer of University Center – Condominium Unit 2</b>	<b>\$10</b>
<i>New.</i> The project transfers the remaining 17,315-GSF section of the 70,315-GSF University Center called Condominium Unit 2 from the Western Colorado University Foundation to Western Colorado University, which has leased the property since its construction in 2009. The university assumed ownership of the first unit upon construction. The University Center houses campus dining, a movie theater, the university bookstore, offices, and meeting space.	
<b>Event Center</b>	<b>\$1,952,384</b>
<i>New.</i> The two-phase project constructs a new event complex for the university. The first phase of the project is cash-funded and constructs a new turf field and press box for the women's soccer program. Phase I also installs new bleachers and electric utility lines for the turf field. Phase II, which is primarily requested from state funds, constructs new locker rooms and bathrooms and remodels the existing press box for the Mountaineer Bowl. Finally, Phase II also constructs new accessible sidewalks and parking lots at the event center and a nearby trailhead. The Mountaineer Bowl is the university's major athletic venue and hosts soccer, football, and track events.	
<b>Subtotal, Western Colorado University</b>	<b>\$1,952,394</b>
<b>Subtotal FY 2018-19</b>	
<b>\$341,748,870</b>	
<b>FY 2019-20</b>	
<b><i>Colorado Mesa University</i></b>	
<b>Student Housing, Wingate North</b>	<b>\$13,000,000</b>
<i>New.</i> The project constructs a 120-bed, 32,565-GSF residence hall, which will complete the four-building, 1,000-bed Wingate/Garfield Housing Complex. The university says enrollment growth and a policy requiring all freshman and sophomore students to live on campus has led to a deficit of housing, which it says creates a barrier to a college education and hinders student recruitment.	

**Figure 6.4 (Cont.)  
Higher Education Cash Projects Approved or  
Reauthorized During FY 2018-19 and FY 2019-20  
Organized By Higher Education Institution**

Institution Name and Project Title	Cost
<b>FY 2019- (Cont.)</b>	
<b>Track Addition and Future Development</b>	<b>\$4,435,324</b>
<p><i>New.</i> The project constructs a new facility for the university's track and field teams. The facility will include a 400-meter, eight-lane running track; long jump, triple jump, and pole vault areas; a steeplechase pit and water jump hurdle; two shot put throwing circles; discus and hammer-throw throwing circles with cages; a javelin runway; and a high jump area. The facility will be surrounded by an eight-foot-high fence and will include landscaping, irrigation, drainage, and lighting. The university explains that it has no facility to host track and field meets, so the teams must travel to all meets. The project's scope includes infrastructure that will allow for development of future phases.</p>	
<b>Subtotal, Colorado Mesa University</b>	<b>\$17,435,324</b>
<b>Colorado State University</b>	
<b>Banded Peaks Ranch Conservation Easement</b>	<b>\$13,380,000</b>
<p><i>New.</i> The project acquires a perpetual conservation easement on 16,723 acres near Pagosa Springs, uniting other conservation easements at the headwaters of the Navajo River. The university says the easement will unite about 75,000 acres of conserved working ranches in the Navajo River Watershed, and provide benefits to wildlife and people reliant on the land and waters within the watershed.</p>	
<b>Subtotal, Colorado State University</b>	<b>\$13,380,000</b>
<b>Subtotal FY 2019-20</b>	<b>\$30,815,324</b>
<b>Grand Total FY 2018-19 and FY 2019-20</b>	<b>\$372,564,194</b>

**Figure 6.5**  
**Miscellaneous CDC Action and Activities**  
**July 1, 2018 — June 30, 2020**

Date	Action
July 23, 2018	Received a briefing from the State Treasurer’s Office on the issuance of certificates of participation (COPs) under Senate Bill 17-267, and entered into a committee discussion on this issue.
	Recommended support for one Colorado Parks and Wildlife (CPW) property transaction.
	Recommended support for one Department of Human Services (DHS) property transaction.
September 5, 2018	Recommended support for a proposal by the Capitol Building Advisory Committee (CBAC) to relocate the visitors services desk.
	Received a briefing on the Higher Education Bond Intercept Program from Legislative Council Staff.
	Approved three new projects and reauthorized spending authority for one project on the Colorado State University two-year projection of cash need. Also authorized the university to use the Higher Education Bond Intercept program for five projects.
	Approved one new project on the University of Colorado Denver two-year projection of cash need.
	Approved a request to waive a six-month encumbrance deadline from the Department of Public Health and Environment.
	Recommended support for one CPW property transaction.
	Approved one DHS emergency supplemental request.
November 19, 2018	Elected Representative Roberts as the committee Chair, and Senator Fields as Vice Chair.
	Approved one new project on the Pikes Peak Community College two-year projection of cash need list.
	Approved one new project on the Western State Colorado University two-year projection of cash need list.
	Approved one new project on the Colorado School of Mines two-year projection of cash need list.
	Approved requests from Adams State University to waive the six-month encumbrance deadlines for two projects.
	Recommended support for one CPW property transaction.
	Approved a recommendation from CBAC to move tribal flags within the State Capitol; disapproved a recommendation from CBAC to construct a fence in Lincoln Park.
	Requested that the Office of Legislative Legal Services draft committee legislation concerning: (1) the timing of the election of the chair and vice chair; and (2) granting authority to the Office of the State Architect to move money between controlled maintenance projects not funded through an appropriation.

**Figure 6.5 (Cont.)**  
**Miscellaneous CDC Action and Activities**  
**July 1, 2018 — June 30, 2020**

Date	Action
December 12, 2018	<p>Held annual hearings on the FY 2019-20 capital construction requests, with presentations from Legislative Council Staff, the Office of the State Architect, the Colorado Commission on Higher Education, the Governor's Office of State Planning and Budgeting, Fort Lewis College, Colorado State University, Colorado State University-Pueblo, Colorado Mesa University, the Auraria Higher Education Center, The Colorado School of Mines, and DHS.</p> <p>Approved the introduction of two committee bills concerning: (1) the timing of the election of the chair and vice chair; and (2) granting authority to the Office of the State Architect to move money between controlled maintenance projects not funded through an appropriation.</p> <p>Approved proposals from Legislative Council Staff concerning: (1) installation of descriptive tribal plaques in the State Capitol; and (2) phase 1 of the State Capitol signage and wayfinding project.</p>
December 13, 2018	<p>Held annual hearings on the FY 2019-20 capital construction requests, with presentations from the Departments of Natural Resources, Transportation, and Corrections; Metropolitan State University; the University of Colorado System; Adams State University; History Colorado; and the Office of Information Technology.</p>
December 14, 2018	<p>Held annual hearings on the FY 2019-20 capital construction requests, with presentations from the Departments of Personnel and Administration and Military and Veterans Affairs, the Colorado Community College System, Western State Colorado University, the University of Northern Colorado, and the Office of the State Architect.</p>
January 8, 2019	<p>Discussed two supplemental requests from DHS.</p>
January 10, 2019	<p>Approved two new projects on the University of Colorado at Boulder's two-year projection of cash need list.</p> <p>Approved one DHS supplemental request.</p>
January 17, 2019	<p>Heard a capital request from the Department of Personnel and Administration concerning restorations to the Governor's mansion.</p> <p>Reviewed House Bill 19-1062 under House Rule 50, and recommended support for the bill if amended.</p>
January 24, 2019	<p>Approved one new project on the University of Northern Colorado's two-year projection of cash need.</p> <p>Heard a presentation from Legislative Council Staff on the history of higher education capital construction funding.</p>
February 5, 2019	<p>Recommended support for one CPW property transaction.</p> <p>Received a briefing from Legislative Council Staff on the committee's prioritization of FY 2019-20 capital construction requests.</p>

**Figure 6.5 (Cont.)  
Miscellaneous CDC Action and Activities  
July 1, 2018 — June 30, 2020**

<b>Date</b>	<b>Action</b>
February 7, 2019	<p>Received a briefing from Legislative Council Staff on controlled maintenance.</p> <hr/> <p>Considered, but did not approve, a request from the Community College of Aurora to waive the 15-year waiting period for controlled maintenance eligibility.</p>
February 14, 2019	<p>Discussed the prioritization of FY 2019-20 capital construction projects.</p> <hr/> <p>Approved a request from the Community College of Aurora to waive the 15-year waiting period for controlled maintenance eligibility.</p> <hr/> <p>Approved the lease-purchase payments for the National Western Center COPs.</p> <hr/> <p>Approved two Colorado State University projects for funding through a future issuance of COPs associated with the National Western Center project.</p> <hr/> <p>Approved the projects in the FY 2019-20 state department cash-funded submission, and prioritized the FY 2019-20 state-funded capital construction projects for submission to the Joint Budget Committee (JBC).</p>
February 21, 2019	<p>Approved two new projects and reauthorized one expired project on Colorado State University's two-year projection of cash need, and authorized the use of the Higher Education Bond Revenue Intercept Program for the projects.</p> <hr/> <p>Received a briefing from Legislative Council Staff on the Capitol Complex Master Plan Implementation Fund.</p>
February 28, 2019	<p>Reauthorized one expired project on Colorado Mesa University's two-year projection of cash need, and authorized the use of the Higher Education Bond Revenue Intercept Program for the project.</p>
March 7, 2019	<p>Reviewed House Bill 19-1214 under House Rule 50, and recommended support for the bill.</p> <hr/> <p>Met with the JBC to discuss the CDC's FY 2019-20 capital construction prioritization.</p> <hr/> <p>Recommended support for the Repaint Interior Dome, State Capitol project to the JBC.</p>
March 14, 2019	<p>Reviewed Senate Bill 19-075 under Senate Rule 42(a), and recommended support for the bill.</p> <hr/> <p>Discussed a proposal to draft committee legislation concerning leasing space on the state's microwave towers to private businesses.</p>
March 18, 2019	<p>Approved a revised priority list of FY 2019-20 state-funded capital construction projects for submission to the JBC.</p>
April 9, 2019	<p>Requested that the State Treasurer transfer general fund moneys to the Capitol Complex Master Plan Implementation Fund in FY 2019-20.</p> <hr/> <p>Heard a presentation from Legislative Council Staff on committee travel during the 2019 interim.</p> <hr/> <p>Approved and recommended to the JBC the refunding of Higher Education Revenue Bond Intercept Program moneys by Adams State University.</p> <hr/> <p>Reviewed Senate Bill 19-196 under Senate Rule 42(a), and recommended support for the bill if amended.</p>

**Figure 6.5 (Cont.)**  
**Miscellaneous CDC Action and Activities**  
**July 1, 2018 — June 30, 2020**

Date	Action
June 11, 2019	Approved one new project on the University of Colorado Denver's two-year projection of cash need.
	Approved two new projects on the University of Colorado Denver Anschutz Medical Campus's two-year projection of cash need.
	Approved emergency supplemental requests from the University of Colorado at Colorado Springs, the Department of Human Services, the University of Northern Colorado, and the Department of Public Health and Environment.
	Approved one new project on Otero Junior College's two-year projection of cash need.
	Heard a presentation from the Department of Public Health and Environment on the use of moneys in the Capitol Complex Master Plan Implementation Fund for the Centennial Building.
June 14, 2019	Approved the 2019-20 Building Excellent Schools Today lease-purchase grant list recommended by the Department of Education.
	Approved two new projects on Western State Colorado University's two-year projection of cash need.
July 19, 2019	Approved two new projects on Colorado School of Mines' two-year projection of cash need.
	Approved an emergency supplemental request from the Colorado School of Mines.
	Recommended support for the sale of a property in Georgetown by History Colorado.
	Heard a proposal from the Department of Human Services to acquire land to construct group homes in Grand Junction.
September 4, 2019	Received a briefing from the State Treasurer on the Higher Education Revenue Bond Intercept Program.
	Approved five new projects on Colorado State University's two-year projection of cash need list.
	Approved the use of the Higher Education Revenue Bond Intercept Program by Colorado State University for the Shepardson Building Renovation and addition project.
	Heard a presentation from CDC staff on debt funding at higher education institutions.
	Recommended support for one CPW property transaction.
	Approved an emergency supplemental request from the Department of Personnel and Administration to repair the plumbing in the Annex Building.
October 16, 2019	Elected Senator Fields as committee Chair, and Representative Roberts as Vice Chair.
	Recommended support for one CPW property transaction.
	Approved one nonmonetary supplemental request from Metropolitan State University of Denver to extend the time to spend cash funds.
	Approved a request from the Department of Human Services to waive the six-month encumbrance deadline for the Department-wide Facility Master Plan project.
	Approved the introduction of committee legislation concerning the authority of History Colorado to dispose of real property in Georgetown.



**Figure 6.5 (Cont.)  
Miscellaneous CDC Action and Activities  
July 1, 2018 — June 30, 2020**

<b>Date</b>	<b>Action</b>
November 12, 2019	Approved the introduction of draft committee legislation concerning the management of real estate held by certain junior college districts.
	Approved the introduction of draft committee legislation concerning updated accessibility signage in state-owned facilities.
	Authorized the drafting of legislation concerning the higher education two-year cash list process.
	Approved a request from the University of Colorado at Colorado Springs to waive the six-month encumbrance deadline for the Replace Chillers, Engineering Building project.
	Approved a request from Adams State University to waive the six-month encumbrance deadline for the Replace Campus Boilers, Five Buildings project.
	Approved a request from the Department of Agriculture to waive the six-month encumbrance deadline for the Replace HVAC Systems, Event Center (Colorado State Fair) project.
	Approved a request from Lamar Community College to waive the six-month encumbrance deadline for the Upgrade Interior and Exterior Building Access Control, Campus-wide project.
	Approved a request from CPW to waive the six-month encumbrance deadline for the Property Acquisitions and Improvements project.
	Recommended support for one CPW property transaction.
December 17, 2019	Heard briefings from CDC Staff on the Office of State Planning and Budgeting's FY 2020-21 capital budget recommendations, and a staff survey on committee travel.
	Held annual hearings on the FY 2020-21 capital construction requests, with presentations from Legislative Council Staff, the Colorado Commission on Higher Education, the Governor's Office of State Planning and Budgeting, the Department of Agriculture, the Department of Personnel and Administration, History Colorado, the Department of Human Services, Fort Lewis College, Colorado School of Mines, and the Auraria Higher Education Center.
December 18, 2019	Held annual hearings on the FY 2020-21 capital construction requests, with presentations from the Department of Transportation, the Department of Corrections, Metropolitan State University of Denver, the University of Colorado System, Western Colorado University, Adams State University, and the Colorado Community College System.
December 19, 2019	Approved a recommendation from the Capitol Building Advisory Committee for the Department of Personnel and Administration to install a water filtering station in the Capitol basement.
	Held annual hearings on the FY 2020-21 capital construction requests, with presentations from the Department of Public Health and Environment, Colorado Mesa University, the Colorado State University System, CPW, and the Office of the State Architect.
January 9, 2020	Approved a supplemental request from the Department of Public Health and Environment for the Replacement Generator, State Laboratory project
	Approved three supplemental requests from the Department of Human Services associated with the Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Services Project.

**Figure 6.5 (Cont.)**  
**Miscellaneous CDC Action and Activities**  
**July 1, 2018 — June 30, 2020**

Date	Action
January 14, 2020	<p>Approved a supplemental request from the Colorado School of Mines for the Subsurface Frontiers project.</p> <hr/> <p>Recommended support for one CPW property transaction.</p>
January 16, 2020	<p>Recommended funding, with concerns, for one supplemental request originally submitted to the Joint Budget Committee by the Department of Corrections as an operating budget item, which funds various deferred maintenance projects.</p>
February 4, 2020	<p>The committee considered, but did not act upon, one late submission budget request from the Department of Personnel and Administration, Electric Vehicle Statewide Infrastructure.</p> <hr/> <p>Considered two pieces of draft legislation. The first concerned the higher education two-year projection of cash need process, and the second concerned waiver of the six-month encumbrance deadline for capital projects.</p>
February 13, 2020	<p>Approved the projects in the FY 2020-21 state department cash-funded submission, and prioritized the FY 2020-21 state-funded capital construction projects for submission to the JBC.</p> <hr/> <p>Approved the Colorado State University/State Treasurer National Western Center certificates of participation payment for FY 2020-21.</p>
February 18, 2020	<p>Under House Rule 50, considered House Bill 20-1138, concerning supplementing the centralized inventory of state-owned real property maintained by the Office of the State Architect to include all publicly owned real estate. The committee favorably recommended the bill to the House Transportation and Local Government Committee.</p> <hr/> <p>Under Senate Rule 42, considered Senate Bill 20-159, concerning measures to limit the global warming potential for certain materials used in public projects. The committee favorably recommended the bill to the Senate Transportation and Energy Committee.</p> <hr/> <p>Approved for introduction committee legislation concerning the higher education two-year cash list process.</p> <hr/> <p>Discussed options for alleviating a shortage of state office space.</p>
February 27, 2020	<p>Discussed prioritization of FY 2020-21 state-funded capital construction requests with the JBC.</p>
March 5, 2020	<p>Approved two new projects on Colorado Mesa University's two-year projection of cash need.</p>
May 28, 2020	<p>Requested that the Office of Legislative Legal Services draft committee legislation concerning allocating moneys for controlled maintenance from a premium realized as a result of the sale of certificates of participation under Senate Bill 17-267, as stipulated in House Bill 20-1377.</p>
June 1, 2020	<p>Requested that the Office of Legislative Legal Services draft committee legislation concerning the appropriation for controlled maintenance projects that are capital renewal projects, of any proceeds from the Senate Bill 17-267 lease-purchase agreement to be executed in FY 2019-20 that are credited to the Capital Construction Fund as a result of House Bill 20-1377.</p>

**Figure 6.5 (Cont.)**  
**Miscellaneous CDC Action and Activities**  
**July 1, 2018 — June 30, 2020**

<b>Date</b>	<b>Action</b>
June 3, 2020	Approved the introduction of committee legislation concerning the issuance of a lease-purchase agreement to fund the continuation of certain previously-funded capital construction requests.
June 12, 2020	Approved the FY 2020-21 list of Building Excellent Schools Today program grants brought forth by the Department of Education.
	Recommended support for two CPW property transaction proposals.
	Approved one new project on Colorado State University's two-year projection of cash need.

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## VII. Legislation Impacting Capital Construction Funding or the Capital Development Process — 2019 and 2020 Legislative Sessions

The General Assembly considered a number of bills affecting funding for capital construction and the duties of the Capital Development Committee (CDC) during the 2019 and 2020 sessions.

### 2019 Legislative Session

#### **Capital Construction Appropriations and Transfers**

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Senate Bill 19-207, the 2019 Long Bill, provides funding in FY 2019-20 for 82 capital construction, controlled maintenance, and capital information technology (IT) projects totaling \$249.6 million, including \$166.3 million in state funds (66.6 percent) and \$83.3 million in cash and federal funds (33.4 percent).

Senate Bill 19-127 makes supplemental capital construction appropriations and budgetary adjustments to two projects appropriated in prior fiscal years.

Senate Bill 19-214 transfers \$104.5 million for FY 2019-20 projects listed in the 2019 Long Bill. The bill also transfers \$42.0 million to the Controlled Maintenance Trust Fund as part of the TABOR reserve. The balance of the fund may only be spent through executive order in the event of a disaster emergency.

#### **CDC Membership and Oversight**

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One bill adopted by the General Assembly concerns CDC membership. House Bill 19-1020 clarifies who appoints members to serve on the committee and modifies when chair and vice-chair elections are held in even-numbered years.

Two bills make changes to CDC responsibilities. House Bill 19-1319 requires most state agencies and institutions of higher education to provide an inventory of undeveloped land to the CDC. The inventories will be compiled and reported on the General Assembly website annually.

Senate Bill 16-178 directed the Department of Human Services to vacate the Grand Junction Regional Center campus and list the property for sale after the campus residents are rehomed. The CDC receives quarterly reports about the progress of rehoming residents and selling the campus. House Bill 19-1062 allows the department to transfer some or all of the property to a state department, state institution of higher education, or local government, in lieu of requiring that the campus be sold.

## **Construction Management**

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Several bills considered during the 2019 session will affect the management of construction projects. Senate Bill 19-135 requires the Department of Personnel and Administration (DPA) to commission a study of disparities in the state procurement process involving the purchase of goods or services from historically underutilized groups. The study report will include recommendations to address any disparities that are found.

Senate Bill 19-171 requires the Department of Labor and Employment to establish the Colorado State Apprenticeship Resource Directory with detailed information about apprentice programs in the state. The directory must be created by January 1, 2020, and updated annually.

Senate Bill 19-196 modifies contractual requirements for public construction projects administered by state departments and higher education institutions that are anticipated to cost more than \$500,000 or \$1.0 million for projects solicited through the integrated project delivery approach. The bill requires general contractors to employ apprentices for most trades on public projects and to pay the local prevailing wage, as determined by DPA. The bill applies to project solicitations issued on or after July 1, 2021. Local government entities and the Colorado Department of Transportation are exempt from the requirements of the bill.

House Bill 19-1227, which was deemed lost on second reading, would have required the Department of Labor and Employment and DPA to convene a working group in the interim following the 2019 legislative session to study the most efficient and appropriate manner in which to implement a prevailing wage requirement for state construction contracts.

House Bill 19-1035 permits local governments and higher education institutions to assess a \$120 fee for electrical inspections, adjusted annually. Under current law, local governments and institutions of higher education may only assess up to 15 percent more than the state's fees for electrical inspections.

## **Budgeting**

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Three bills adopted during the 2019 session affect budgeting for capital construction. The Office of the State Architect, within DPA, has the authority to move funding between appropriated controlled maintenance projects in order to use savings from one project to address cost overruns or emergent maintenance issues on another appropriated project or projects. House Bill 19-1012 extends this authority to the controlled maintenance projects funded through a certificates of participation (COP) issuance authorized under Senate Bill 17-267.

House Bill 19-1055 diverts marijuana excise tax revenue from the Public School Fund to the Building Excellent Schools Today (BEST) program and increases the total amount of allowable lease payments under the program. Grant awards for BEST-qualified projects may come in the form of either long-term financing through the issuance of COPs or cash awards. The CDC annually reviews a list of projects proposed for funding through the issuance of new COPs. The bill is expected to increase the amount of lease funding available for the project, which will correspondingly increase the CDC review responsibilities.

House Bill 19-1214 repeals a requirement that the Joint Budget Committee develop and make recommendations concerning new methods of financing the state's ongoing capital construction, capital renewal, and controlled maintenance needs. Senate Bill 09-228 created a temporary statutory transfer mechanism to fund capital construction projects and directed the CDC to investigate new methods of financing ongoing capital construction needs. Senate Bill 14-110 shifted this study responsibility to the JBC.

## 2020 Legislative Session

### **Capital Construction Appropriations and Transfers**

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House Bill 20-1360, the 2020 Long Bill, provides funding in FY 2020-21 for 14 capital construction projects, including \$2.5 million in state funds (2.4 percent) and \$103.2 million in cash and federal funds (97.6 percent). Projects funded by the bill include the Emergency Controlled Maintenance Account (\$2.0 million CCF), Department of Transportation highway construction projects (\$0.5 million CCF), 3 higher education cash-funded projects (\$43.7 million), and 9 state department cash-funded projects (\$59.5 million). The 2020 Long Bill also funds three information technology projects totaling \$0.4 million in state funds and \$7.9 million in cash and federal funds.

House Bill 20-1259 makes supplemental capital construction appropriations and budgetary adjustments to ten projects appropriated in prior fiscal years.

House Bill 20-1378 transfers \$2.5 million for FY 2020-21 capital projects listed in the 2020 Long Bill. The bill also transfers \$1.4 million for FY 2019-20 capital supplemental appropriations.

Senate Bill 17-267 authorized the issuance of COPs for four years, the proceeds of which are available for controlled maintenance and highway projects. Due to favorable market conditions, the sale of the second tranche of COPs was expected to generate a premium over original estimates. Based on the availability of this premium, House Bill 20-1377 makes up to \$49.0 million available for controlled maintenance projects, subject to recommendation by the CDC. The bill also reduces Department of Transportation expenditures by the same amount. A companion bill, House Bill 20-1408, establishes a list of 32 controlled maintenance projects to be funded with the proceeds made available by HB 20--1377. The cost of the projects totals \$40.8 million, with any remaining moneys being credited to the Emergency Controlled Maintenance Account.

Senate Bill 20-219 directs the State Treasurer to issue COPs for up to \$65.5 million to fund the completion of certain previously funded higher education capital construction projects.

### **Budgeting**

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Senate Bill 20-003 transfer \$1.0 million from the General Fund to the Capital Construction Fund for appropriation to the Department of Natural Resources. These moneys are to be used for infrastructure

development projects, including cultural and natural resource studies, at the new Fisher's Peak State Park.

House Bill 20-1365 makes several fund transfers associated with History Colorado. Among these is a \$940,000 transfer from the Capital Construction Fund to the State Historical Fund. In FY 2019-20, History Colorado transferred \$1.0 million to the Capital Construction Fund for Phase I of a project to repaint the State Capitol dome. This bill returns the money, less \$60,000 that was spent on project design.

For certain capital construction projects, state law requires funding to be appropriated annually in the form of depreciation-lease equivalent payments. This money is credited to the Capital Construction Fund and the Controlled Maintenance Trust Fund, or to a capital reserve account, based on the fund source. Due to the economic downturn, House Bill 20-1398 suspends these payments for FY 2020-21.

State law allows only certain executive departments to dispose of property. Other departments must seek legislation to do so. House Bill 20-1082 authorizes History Colorado to sell a vacant lot in Georgetown associated with the Georgetown Loop Railroad. The proceeds of the sale are deposited in the State Museum Cash Fund for future use on capital projects.

## **Construction Requirements**

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Senate Bill 20-039 requires any state-owned facility larger than 5,000 GSF that is constructed, substantially renovated, or acquired on or after August 5, 2020, to use updated accessibility signage showing a more dynamic character who leans forward in a wheelchair and who shows a sense of movement.



**Appendix 1**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>State Departments</i>						
<b>Agriculture</b>						
2015	660,381	0.87%	\$69.3	660,381	1.42%	\$69.3
2016	660,381	0.84%	\$71.1	660,381	1.37%	\$71.1
2017	653,446	0.82%	\$70.7	653,446	1.34%	\$70.7
2018	653,446	0.81%	\$70.7	653,446	1.37%	\$70.7
2019	678,381	0.84%	\$71.1	678,381	1.41%	\$71.1
<b>Agriculture: Total Growth</b>	<b>18,000</b>	<b>-0.03%</b>	<b>\$1.8</b>	<b>18,000</b>	<b>-0.01%</b>	<b>\$1.8</b>
<b>Capitol Complex (includes Fort Lyon)</b>						
2015	2,261,965	2.99%	\$631.8	2,067,485	4.43%	\$620.1
2016	2,261,965	2.89%	\$647.6	2,067,485	4.29%	\$635.6
2017	2,261,965	2.83%	\$647.6	2,067,485	4.24%	\$635.6
2018	2,261,965	2.81%	\$647.6	2,067,485	4.34%	\$635.6
2019	2,261,965	2.79%	\$647.6	2,067,485	4.30%	\$635.6
<b>Capitol Complex: Total Growth</b>	<b>0</b>	<b>-0.20%</b>	<b>\$15.8</b>	<b>0</b>	<b>-0.13%</b>	<b>\$15.5</b>
<b>Corrections</b>						
2015	6,776,867	8.97%	\$1,348.2	6,339,036	13.58%	\$1,316.6
2016	6,865,930	8.78%	\$1,338.4	6,421,599	13.32%	\$1,356.1
2017	6,883,418	8.61%	\$1,391.0	6,427,230	13.17%	\$1,356.1
2018	6,872,692	8.54%	\$1,390.3	6,416,055	13.48%	\$1,356.3
2019	6,900,688	8.51%	\$1,390.3	6,440,975	13.39%	\$1,357.4
<b>Corrections: Total Growth</b>	<b>125,821</b>	<b>-0.46%</b>	<b>\$42.1</b>	<b>101,939</b>	<b>-0.19%</b>	<b>\$40.8</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>State Departments (Cont.)</i>						
<b>Education</b>						
2015	322,484	0.43%	\$59.9	322,484	0.69%	\$59.9
2016	322,484	0.41%	\$65.5	322,484	0.69%	\$65.5
2017	322,484	0.40%	\$65.6	322,484	0.66%	\$65.6
2018	322,484	0.40%	\$65.6	322,484	0.68%	\$65.6
2019	322,484	0.40%	\$65.5	322,484	0.67%	\$65.5
<b>Education: Total Growth</b>	<b>0</b>	<b>-0.03%</b>	<b>\$5.6</b>	<b>0</b>	<b>-0.02%</b>	<b>\$5.6</b>
<b>History Colorado</b>						
2015	457,182	0.60%	\$87.0	457,182	0.98%	\$87.0
2016	457,182	0.58%	\$89.1	457,182	0.95%	\$89.1
2017	457,182	0.57%	\$89.1	457,182	0.94%	\$89.1
2018	457,182	0.57%	\$89.1	255,472	0.54%	\$41.2
2019	457,182	0.56%	\$89.1	255,472	0.53%	\$41.2
<b>History Colorado: Total Growth</b>	<b>0</b>	<b>-0.04%</b>	<b>\$2.1</b>	<b>-201,710</b>	<b>-0.37%</b>	<b>\$45.8</b>
<b>Human Services</b>						
2015	3,908,179	5.17%	\$735.1	3,533,055	7.57%	\$684.7
2016	3,919,067	5.01%	\$774.4	3,541,437	7.35%	\$700.9
2017	3,928,832	4.91%	\$774.5	3,556,073	7.29%	\$701.4
2018	3,928,514	4.88%	\$774.6	3,555,755	7.47%	\$701.4
2019	3,927,394	4.84%	\$774.7	3,458,647	7.19%	\$688.2
<b>Human Services: Total Growth</b>	<b>19,215</b>	<b>-0.33%</b>	<b>\$39.6</b>	<b>-74,408</b>	<b>-0.38%</b>	<b>\$3.5</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>State Departments (Cont.)</i>						
<b>Judicial</b>						
2015	778,621	1.03%	\$146.2	778,621	1.67%	\$146.2
2016	778,621	1.00%	\$149.9	778,621	1.62%	\$149.9
2017	778,621	0.97%	\$149.9	778,621	1.60%	\$149.9
2018	855,439	1.06%	\$149.9	855,439	1.05%	\$149.9
2019	855,439	1.05%	\$149.9	855,439	1.04%	\$149.9
<b>Judicial: Total Growth</b>	<b>76,818</b>	<b>0.02%</b>	<b>\$3.7</b>	<b>76,818</b>	<b>-0.63%</b>	<b>\$3.7</b>
<b>Labor and Employment</b>						
2015	142,660	0.19%	\$19.9	0	0.00%	\$0.0
2016	142,660	0.18%	\$20.3	0	0.00%	\$0.00
2017	142,660	0.18%	\$20.3	0	0.00%	\$0.0
2018	142,660	0.18%	\$20.3	0	0.00%	\$0.0
2019	142,660	0.18%	\$21.5	0	0.00%	\$0.0
<b>Labor and Employment: Total Growth</b>	<b>0</b>	<b>-0.01%</b>	<b>\$1.6</b>	<b>0</b>	<b>0.00%</b>	<b>\$0.0</b>
<b>Military and Veterans Affairs</b>						
2015	1,204,957	1.59%	\$253.1	722,646	1.55%	\$113.6
2016	1,665,585	2.13%	\$304.6	743,272	1.54%	\$114.6
2017	1,683,675	2.11%	\$302.4	760,554	1.56%	\$134.4
2018	1,549,549	1.92%	\$297.6	747,475	1.57%	\$110.7
2019	1,713,723	2.11%	\$313.1	784,101	1.63%	\$122.2
<b>Military and Veterans Affairs: Total Growth</b>	<b>508,766</b>	<b>0.52%</b>	<b>\$60.0</b>	<b>61,455</b>	<b>0.08%</b>	<b>\$8.6</b>
<b>Natural Resources</b>						
2015	2,694,627	3.56%	\$370.5	0	0.00%	\$0.0
2016	2,694,627	3.45%	\$370.6	0	0.00%	\$0.0
2017	2,694,627	3.37%	\$370.6	0	0.00%	\$0.0
2018	3,090,062	3.84%	\$427.7	0	0.00%	0.0
2019	3,006,844	3.71%	\$495.2	0	0.00%	\$0.0
<b>Natural Resources: Total Growth</b>	<b>312,217</b>	<b>0.15%</b>	<b>\$124.7</b>	<b>0</b>	<b>0.00%</b>	<b>\$0.0</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department		Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>State Departments (Cont.)</i>							
<b>Office of Information Technology</b>							
	2015	25,385	0.03%	\$4.5	25,385	0.05%	\$4.5
	2016	25,385	0.03%	\$4.6	25,385	0.05%	\$4.6
	2017	26,069	0.03%	\$4.8	26,069	0.05%	\$4.8
	2108	25,485	0.03%	\$4.7	25,485	0.05%	\$4.7
	2019	29,261	0.04%	\$5.0	29,261	0.06%	\$5.0
	<b>Office of Information Technology: Total Growth</b>	<b>3,876</b>	<b>0.01%</b>	<b>\$0.5</b>	<b>3,876</b>	<b>0.01%</b>	<b>\$0.5</b>
<b>Public Health and Environment</b>							
	2015	114,412	0.15%	\$52.5	114,412	0.25%	\$52.5
	2016	114,412	0.15%	\$53.8	114,412	0.24%	\$53.8
	2017	131,361	0.16%	\$69.8	131,361	0.27%	\$69.8
	2108	131,441	0.16%	\$69.8	131,441	0.28%	\$69.8
	2019	131,441	0.16%	\$69.8	131,441	0.27%	\$69.8
	<b>Public Health and Environment: Total Growth</b>	<b>17,029</b>	<b>0.01%</b>	<b>\$17.3</b>	<b>17,029</b>	<b>0.02%</b>	<b>\$17.3</b>
<b>Public Safety</b>							
	2015	316,346	0.42%	\$59.5	304,412	0.65%	\$53.2
	2016	336,864	0.43%	\$71.6	316,530	0.66%	\$63.9
	2017	339,014	0.42%	\$79.8	318,680	0.65%	\$72.0
	2108	362,150	0.45%	\$82.4	338,816	0.71%	\$74.2
	2019	362,150	0.45%	\$82.4	338,816	0.70%	\$74.2
	<b>Public Safety: Total Growth</b>	<b>45,804</b>	<b>0.03%</b>	<b>\$22.9</b>	<b>34,404</b>	<b>0.05%</b>	<b>\$21.0</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>State Departments (Cont.)</i>						
<b>Revenue</b>						
2015	138,642	0.18%	\$19.7	119,502	0.26%	\$16.4
2016	138,642	0.18%	\$20.2	119,502	0.25%	\$16.8
2017	138,642	0.17%	\$20.1	119,502	0.24%	\$16.8
2108	138,642	0.17%	\$20.1	119,502	0.25%	\$16.8
2019	138,642	0.17%	\$20.1	119,502	0.25%	\$16.8
<b>Revenue: Total Growth</b>	<b>0</b>	<b>-0.01%</b>	<b>\$0.4</b>	<b>0</b>	<b>-0.01%</b>	<b>\$0.4</b>
<b>Transportation</b>						
2015	3,589,835	4.75%	\$992.5	0	0.00%	\$0.0
2016	3,652,382	4.67%	\$1,249.0	0	0.00%	\$0.0
2017	3,652,382	4.57%	\$1,341.6	0	0.00%	\$0.0
2108	4,057,721	5.04%	\$1,498.0	0	0.00%	\$0.0
2019	4,057,721	5.00%	\$1,498.0	0	0.00%	\$0.0
<b>Transportation: Total Growth</b>	<b>467,886</b>	<b>0.25%</b>	<b>\$505.5</b>	<b>0</b>	<b>0.00%</b>	<b>\$0.0</b>
<b>All State Departments</b>						
2015	23,445,362	31.02%	\$4,857.7	15,497,420	33.21%	\$3,231.9
2016	24,089,006	30.82%	\$5,288.6	15,621,109	32.40%	\$3,329.8
2017	24,147,197	30.19%	\$5,405.7	15,671,506	32.11%	\$3,374.1
2108	24,902,251	30.93%	\$5,616.4	14,686,235	30.85%	\$3,155.0
2019	24,985,975	30.80%	\$5,693.2	14,626,565	30.41%	\$3,147.2
<b>All State Departments: Total Growth</b>	<b>1,540,613</b>	<b>-0.22%</b>	<b>\$835.5</b>	<b>-870,855</b>	<b>-2.80%</b>	<b>-\$84.7</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department		Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>Higher Education</i>							
<b>Adams State University</b>							
	2015	1,193,787	1.58%	\$262.4	670,253	1.44%	\$149.5
	2016	1,193,787	1.53%	\$262.4	670,253	1.39%	\$149.5
	2017	1,193,787	1.49%	\$262.4	670,253	1.37%	\$149.5
	2108	1,193,787	1.48%	\$262.4	670,253	1.41%	\$149.5
	2019	1,195,406	1.47%	\$288.4	670,253	1.39%	\$174.8
	<b>Adams State University: Total Growth</b>	<b>1,619</b>	<b>-0.11%</b>	<b>\$26.0</b>	<b>0</b>	<b>-0.05%</b>	<b>\$25.3</b>
<b>Auraria Higher Education Center</b>							
	2015	3,885,384	5.14%	\$637.9	2,172,885	4.66%	\$467.7
	2016	3,911,239	5.00%	\$688.8	2,288,459	4.75%	\$500.9
	2017	4,367,013	5.46%	\$747.2	2,741,750	5.62%	\$591.9
	2108	4,025,634	5.00%	\$739.7	2,383,999	5.01%	\$570.6
	2019	3,991,508	4.92%	\$741.0	2,349,873	4.89%	\$568.0
	<b>Auraria Higher Education Center: Total Growth</b>	<b>106,124</b>	<b>-0.22%</b>	<b>\$103.1</b>	<b>176,988</b>	<b>0.23%</b>	<b>\$100.3</b>
<b>Colorado Mesa University</b>							
	2015	2,001,268	2.65%	\$407.2	825,790	1.77%	\$170.2
	2016	2,244,853	2.87%	\$411.5	1,034,320	2.15%	\$182.0
	2017	2,310,717	2.89%	\$481.0	1,049,023	2.15%	\$227.6
	2018	2,252,120	2.80%	\$481.0	977,294	2.05%	\$227.6
	2019	2,292,085	2.83%	\$555.8	978,389	2.03%	\$263.9
	<b>Colorado Mesa University: Total Growth</b>	<b>290,817</b>	<b>0.18%</b>	<b>\$148.6</b>	<b>152,599</b>	<b>0.26%</b>	<b>\$93.7</b>
<b>Colorado School of Mines</b>							
	2015	3,239,792	4.29%	\$601.6	1,519,835	3.26%	\$361.1
	2016	3,074,695	3.93%	\$599.1	2,055,572	4.26%	\$390.0
	2017	3,186,046	3.98%	\$618.6	2,146,900	4.40%	\$408.0
	2018	2,587,199	3.21%	\$634.2	1,653,215	3.47%	\$443.0
	2019	2,764,279	3.41%	\$654.6	1,827,276	3.80%	\$457.5
	<b>Colorado School of Mines: Total Growth</b>	<b>-475,513</b>	<b>-0.88%</b>	<b>\$53.0</b>	<b>307,441</b>	<b>0.54%</b>	<b>\$96.4</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department		Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>Higher Education (Cont.)</i>							
<b>Colorado State University</b>							
	2015	10,423,755	13.79%	\$2,918.7	6,660,569	14.29%	\$2,135.6
	2016	10,655,005	13.63%	\$2,960.6	6,515,372	13.51%	\$2,131.7
	2017	11,386,210	14.24%	\$3,259.3	6,629,129	13.58%	\$2,264.6
	2018	11,948,712	14.84%	\$3,516.4	7,225,394	15.18%	\$2,513.8
	2019	12,360,480	15.24%	\$3,851.7	7,547,107	15.69%	\$2,781.9
	<b>Colorado State University: Total Growth</b>	<b>1,936,725</b>	<b>1.45%</b>	<b>\$933.0</b>	<b>886,538</b>	<b>1.40%</b>	<b>\$646.3</b>
<b>Colorado State University - Pueblo</b>							
	2015	1,601,465	2.12%	\$276.5	750,086	1.61%	\$137.3
	2016	1,528,965	1.96%	\$275.6	816,996	1.69%	\$151.1
	2017	1,528,965	1.91%	\$275.6	765,170	1.57%	\$143.6
	2018	1,565,922	1.94%	\$278.5	764,569	1.61%	\$144.0
	2019	1,421,327	1.75%	\$278.1	787,080	1.64%	\$171.2
	<b>Colorado State University - Pueblo: Total Growth</b>	<b>-180,138</b>	<b>-0.37%</b>	<b>\$1.6</b>	<b>36,994</b>	<b>0.03%</b>	<b>\$33.9</b>
<b>Community Colleges</b>							
<b>Arapahoe Community College</b>							
	2015	425,153	0.56%	\$81.0	425,153	0.91%	\$81.0
	2016	425,153	0.54%	\$84.2	425,153	0.88%	\$84.2
	2017	425,153	0.53%	\$84.2	425,153	0.87%	\$84.2
	2018	425,153	0.53%	\$84.2	425,153	0.89%	\$84.2
	2019	425,153	0.52%	\$84.2	425,153	0.88%	\$84.2
	<b>Arapahoe Community College: Total Growth</b>	<b>0</b>	<b>-0.04%</b>	<b>\$3.2</b>	<b>0</b>	<b>-0.03%</b>	<b>\$3.2</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF - All Buildings	% of Total	CRV (\$ in Millions)	GSF - General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>Higher Education (Cont.)</i>						
<i>Community Colleges (Cont.)</i>						
<b>Community College of Aurora</b>						
2015	30,806	0.04%	\$6.4	30,806	0.07%	\$6.4
2016	142,611	0.18%	\$29.7	30,806	0.30%	\$6.5
2017	142,611	0.18%	\$29.7	30,806	0.06%	\$6.5
2018	142,611	0.18%	\$29.7	142,611	0.30%	\$29.7
2019	142,611	0.18%	\$29.7	142,611	0.30%	\$29.7
<b>Community College of Aurora: Total Growth</b>	<b>111,805</b>	<b>0.14%</b>	<b>\$23.3</b>	<b>111,805</b>	<b>0.23%</b>	<b>\$23.3</b>
<b>Front Range Community College</b>						
2015	741,508	0.98%	\$176.9	698,054	1.50%	\$166.8
2016	776,944	0.99%	\$190.5	733,490	1.52%	\$180.5
2017	761,126	0.95%	\$190.6	738,297	1.51%	\$185.5
2018	781,951	0.97%	\$190.6	738,297	1.55%	\$180.8
2019	761,126	0.94%	\$190.6	717,472	1.49%	\$180.5
<b>Front Range Community College: Total Growth</b>	<b>19,618</b>	<b>-0.04%</b>	<b>\$13.7</b>	<b>19,418</b>	<b>-0.01%</b>	<b>\$13.7</b>
<b>Lamar Community College</b>						
2015	304,252	0.40%	\$43.5	245,236	0.53%	\$33.6
2016	332,703	0.43%	\$44.6	273,687	0.57%	\$34.5
2017	337,703	0.42%	\$45.8	273,687	0.56%	\$34.5
2018	309,252	0.38%	\$45.8	245,236	0.52%	\$34.5
2019	306,623	0.38%	\$51.2	242,607	0.50%	\$38.9
<b>Lamar Community College: Total Growth</b>	<b>2,371</b>	<b>-0.02%</b>	<b>\$7.7</b>	<b>-2,629</b>	<b>-0.03%</b>	<b>\$5.3</b>



**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF – All Buildings	% of Total	CRV (\$ in Millions)	GSF – General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>Higher Education (Cont.)</i>						
<i>Community Colleges (Cont.)</i>						
<b>Lowry Campus</b>						
2015	945,102	1.25%	\$159.5	945,102	2.03%	\$159.5
2016	945,102	1.21%	\$163.8	945,102	1.96%	\$163.8
2017	949,728	1.19%	\$163.8	949,728	1.95%	\$163.8
2018	949,728	1.18%	\$163.8	949,728	1.99%	\$163.8
2019	949,728	1.17%	\$131.9	949,728	1.97%	\$131.9
<b>Lowry Campus: Total Growth</b>	<b>4,626</b>	<b>-0.08%</b>	<b>-\$27.6</b>	<b>4,626</b>	<b>-0.06%</b>	<b>-\$27.6</b>
<b>Morgan Community College</b>						
2015	143,513	0.19%	\$30.9	140,372	0.30%	\$30.1
2016	143,513	0.18%	\$31.6	140,372	0.29%	\$30.8
2017	143,513	0.18%	\$31.7	140,372	0.29%	\$30.9
2018	143,513	0.18%	\$31.7	140,372	0.29%	\$30.9
2019	144,761	0.18%	\$31.9	141,620	0.29%	\$30.9
<b>Morgan Community College: Total Growth</b>	<b>1,248</b>	<b>-0.01%</b>	<b>\$1.0</b>	<b>1,248</b>	<b>-0.01%</b>	<b>\$0.8</b>
<b>Northeastern Junior College</b>						
2015	537,021	0.71%	\$100.9	309,637	0.66%	\$57.3
2016	544,636	0.70%	\$103.1	317,252	0.66%	\$58.4
2017	544,648	0.68%	\$103.0	317,264	0.65%	\$58.4
2018	544,736	0.68%	\$103.1	317,264	0.67%	\$58.4
2019	553,320	0.68%	\$100.6	327,430	0.68%	\$56.0
<b>Northeastern Junior College: Total Growth</b>	<b>16,299</b>	<b>-0.03%</b>	<b>-\$0.3</b>	<b>17,793</b>	<b>0.02%</b>	<b>-\$1.3</b>
<b>Colorado Northwestern Community College</b>						
2015	371,265	0.49%	\$60.9	287,350	0.62%	\$49.8
2016	371,265	0.47%	\$62.0	287,350	0.60%	\$50.7
2017	371,137	0.46%	\$63.7	287,222	0.59%	\$52.4
2018	371,137	0.46%	\$63.7	287,222	0.60%	\$52.4
2019	371,137	0.46%	\$63.7	287,222	0.60%	\$52.4
<b>Colorado Northwestern Community College: Total Growth</b>	<b>-128</b>	<b>-0.03%</b>	<b>\$2.8</b>	<b>-128</b>	<b>-0.02%</b>	<b>\$2.6</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department		Total GSF – All Buildings	% of Total	CRV (\$ in Millions)	GSF – General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>Higher Education (Cont.)</i>							
<b>Community Colleges (Cont.)</b>							
<b>Otero Junior College</b>							
	2015	354,818	0.47%	\$57.4	244,434	0.52%	\$40.6
	2016	354,818	0.45%	\$58.8	266,894	0.55%	\$44.2
	2017	366,109	0.46%	\$59.7	245,545	0.50%	\$41.6
	2018	366,109	0.45%	\$61.1	245,545	0.52%	\$42.1
	2019	357,106	0.44%	\$61.4	256,105	0.53%	\$44.8
	<b>Otero Junior College: Total Growth</b>	<b>2,288</b>	<b>-0.03%</b>	<b>\$4.0</b>	<b>11,671</b>	<b>0.01%</b>	<b>\$4.2</b>
<b>Pikes Peak Community College</b>							
	2015	620,208	0.82%	\$113.9	589,363	1.26%	\$107.7
	2016	585,363	0.75%	\$110.8	554,518	1.15%	\$104.4
	2017	585,363	0.73%	\$110.8	554,518	1.14%	\$104.4
	2018	585,069	0.73%	\$110.8	534,670	1.12%	\$100.0
	2019	662,296	0.82%	\$117.3	611,897	1.27%	\$106.3
	<b>Pikes Peak Community College: Total Growth</b>	<b>42,088</b>	<b>0.00%</b>	<b>\$3.4</b>	<b>22,534</b>	<b>0.01%</b>	<b>-\$1.4</b>
<b>Pueblo Community College</b>							
	2015	508,593	0.67%	\$96.2	445,551	0.96%	\$82.8
	2016	508,593	0.65%	\$98.6	445,551	0.92%	\$84.9
	2017	508,593	0.64%	\$98.6	445,551	0.91%	\$84.9
	2018	508,593	0.63%	\$98.6	496,093	1.04%	\$95.9
	2019	508,593	0.63%	\$98.6	445,551	0.93%	\$95.2
	<b>Pueblo Community College: Total Growth</b>	<b>0</b>	<b>-0.04%</b>	<b>\$2.4</b>	<b>0</b>	<b>-0.03%</b>	<b>\$12.4</b>
<b>Red Rocks Community College</b>							
	2015	482,256	0.64%	\$87.8	482,256	1.03%	\$87.8
	2016	537,966	0.69%	\$106.0	537,966	1.12%	\$106.0
	2017	573,134	0.72%	\$125.0	537,316	1.10%	\$117.5
	2018	573,134	0.71%	\$124.2	537,316	1.13%	\$113.2
	2019	573,134	0.71%	\$124.2	537,316	1.12%	\$113.2
	<b>Red Rocks Community College: Total Growth</b>	<b>90,878</b>	<b>0.07%</b>	<b>\$36.4</b>	<b>90,878</b>	<b>0.09%</b>	<b>\$25.4</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF – All Buildings	% of Total	CRV (\$ in Millions)	GSF – General Fund Buildings	% of Total	CRV (\$ in Millions)	
<i>Higher Education (Cont.)</i>							
<i>Community Colleges (Cont.)</i>							
<b>Trinidad State Junior College</b>							
2015	394,101	0.52%	\$73.1	312,690	0.67%	\$60.3	
2016	394,101	0.50%	\$74.9	291,304	0.60%	\$58.1	
2017	394,101	0.49%	\$75.0	291,304	0.60%	\$58.1	
2018	394,101	0.49%	\$74.9	291,304	0.61%	\$58.1	
2019	394,101	0.49%	\$74.9	312,690	0.65%	\$61.8	
<b>Trinidad State Junior College: Total Growth</b>		<b>0</b>	<b>-0.03%</b>	<b>\$1.8</b>	<b>0</b>	<b>-0.02%</b>	<b>\$1.5</b>
<b>All Community Colleges</b>							
2015	5,858,596	7.75%	\$1,088.2	5,156,004	11.06%	\$963.6	
2016	6,062,768	7.75%	\$1,158.6	5,361,250	11.12%	\$1,030.2	
2017	6,102,919	7.63%	\$1,181.6	5,236,763	10.73%	\$1,022.7	
2018	6,095,087	7.57%	\$1,182.3	5,350,811	11.24%	\$1,043.9	
2019	6,149,689	7.58%	\$1,160.2	5,397,402	11.22%	\$1,025.7	
<b>All Community Colleges: Total Growth</b>		<b>291,093</b>	<b>-0.17%</b>	<b>\$72.0</b>	<b>241,398</b>	<b>0.16%</b>	<b>\$62.1</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department	Total GSF – All Buildings	% of Total	CRV (\$ in Millions)	GSF – General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>Higher Education (Cont.)</i>						
<b>Fort Lewis College</b>						
2015	1,173,766	1.55%	\$413.0	593,714	1.27%	\$221.7
2016	1,176,948	1.51%	\$436.7	590,896	1.23%	\$236.2
2017	1,392,560	1.74%	\$461.5	804,577	1.65%	\$256.5
2018	1,390,562	1.73%	\$489.1	803,579	1.69%	\$272.3
2019	1,390,362	1.71%	\$518.5	803,379	1.67%	\$288.6
<b>Fort Lewis College: Total Growth</b>	<b>216,596</b>	<b>0.16%</b>	<b>\$105.5</b>	<b>209,665</b>	<b>0.40%</b>	<b>\$66.9</b>
<b>University of Colorado (CU) at Boulder</b>						
2015	11,195,049	14.81%	\$2,740.0	5,492,540	11.78%	\$1,526.5
2016	12,340,447	15.79%	\$2,736.8	5,751,743	11.93%	\$1,523.3
2017	12,134,503	15.17%	\$2,763.4	5,575,712	11.42%	\$1,537.7
2018	12,491,670	15.51%	\$3,183.8	5,584,017	11.73%	\$1,573.0
2019	12,464,360	15.37%	\$3,196.1	5,580,573	11.60%	\$1,589.6
<b>CU Boulder: Total Growth</b>	<b>1,269,311</b>	<b>0.56%</b>	<b>\$456.1</b>	<b>88,033</b>	<b>-0.18%</b>	<b>\$63.1</b>
<b>CU — Colorado Springs</b>						
2015	2,688,028	3.56%	\$486.2	1,222,346	2.62%	\$325.4
2016	2,706,246	3.46%	\$568.7	1,218,738	2.53%	\$320.5
2017	3,127,255	3.91%	\$689.4	1,222,729	2.51%	\$420.8
2018	2,829,263	3.51%	\$777.1	1,220,159	2.56%	\$496.9
2019	2,829,740	3.49%	\$769.1	1,220,636	2.54%	\$500.4
<b>CU — Colorado Springs: Total Growth</b>	<b>141,712</b>	<b>-0.07%</b>	<b>\$282.9</b>	<b>-1,710</b>	<b>-0.08%</b>	<b>\$175</b>
<b>CU — Denver</b>						
2015	4,445,927	5.88%	\$1,578.6	3,868,272	8.30%	\$1,483.5
2016	4,734,548	6.06%	\$1,735.9	4,045,570	8.39%	\$1,592.8
2017	4,734,548	5.92%	\$1,768.9	4,045,570	8.29%	\$1,623.5
2018	5,075,671	6.30%	\$1,976.1	4,050,594	8.51%	\$1,710.7
2019	5,075,671	6.26%	\$2,044.7	4,050,594	8.42%	\$1,775.9
<b>CU — Denver: Total Growth</b>	<b>629,744</b>	<b>0.38%</b>	<b>\$466.1</b>	<b>182,322</b>	<b>0.12%</b>	<b>\$292.4</b>

**Appendix 1 (Cont.)**  
**Five-Year Growth in Gross Square Footage by State Agency**  
**Calendar Year 2015 through Calendar Year 2019**

Department		Total GSF – All Buildings	% of Total	CRV (\$ in Millions)	GSF – General Fund Buildings	% of Total	CRV (\$ in Millions)
<i>Higher Education (Cont.)</i>							
<b>University of Northern Colorado</b>							
	2015	3,154,995	4.17%	\$624.9	1,529,118	3.28%	\$353.2
	2016	3,154,584	4.04%	\$642.8	1,528,707	3.17%	\$364.7
	2017	3,068,671	3.84%	\$641.9	1,531,339	3.14%	\$366.6
	2018	3,036,807	3.77%	\$612.5	1,518,143	3.19%	\$342.2
	2019	3,074,268	3.79%	\$691.9	1,536,936	3.20%	\$411.4
	<b>University of Northern Colorado: Total Growth</b>	<b>-80,727</b>	<b>-0.38%</b>	<b>\$67.0</b>	<b>7,818</b>	<b>-0.08%</b>	<b>\$58.2</b>
<b>Western State Colorado University</b>							
	2015	1,280,298	1.69%	\$258.4	703,797	1.51%	\$173.2
	2016	1,290,995	1.65%	\$268.1	711,028	1.47%	\$182.9
	2017	1,295,589	1.62%	\$250.5	715,622	1.47%	\$177.3
	2018	1,123,985	1.40%	\$256.0	721,723	1.52%	\$180.2
	2019	1,121,374	1.38%	\$277.8	721,612	1.50%	\$193.3
	<b>Western State Colorado University: Total Growth</b>	<b>-158,924</b>	<b>-0.31%</b>	<b>\$19.4</b>	<b>17,815</b>	<b>-0.01%</b>	<b>\$20.1</b>
<b>All Higher Education</b>							
	2015	52,142,110	68.98%	\$12,293.5	31,165,209	66.86%	\$8,468.7
	2016	54,075,080	69.18%	\$12,725.6	32,588,904	67.56%	\$8,755.8
	2017	55,828,783	69.81%	\$13,401.3	33,134,537	67.89%	\$9,190.3
	2018	55,616,419	69.07%	\$14,389.2	32,923,750	69.15%	\$9,667.6
	2019	56,130,549	69.20%	\$15,027.8	33,471,110	69.59%	\$10,202. 2
	<b>All Higher Education: Total Growth</b>	<b>3,988,439</b>	<b>0.22%</b>	<b>\$2,734.3</b>	<b>2,305,901</b>	<b>2.73%</b>	<b>\$1,733.5</b>
<b>Grand Total</b>							
	2015	<b>75,587,472</b>	<b>100.00%</b>	<b>\$17,151.2</b>	<b>46,662,629</b>	<b>100.00%</b>	<b>\$11,700.6</b>
	2016	<b>78,164,086</b>	<b>100.00%</b>	<b>\$18,014.2</b>	<b>48,210,013</b>	<b>100.00%</b>	<b>\$12,085.6</b>
	2017	<b>79,975,980</b>	<b>100.00%</b>	<b>\$18,807.0</b>	<b>48,806,043</b>	<b>100.00%</b>	<b>\$12,564.4</b>
	2018	<b>80,518,670</b>	<b>100.00%</b>	<b>\$20,005.6</b>	<b>47,609,985</b>	<b>100.00%</b>	<b>\$12,822.6</b>
	2019	<b>81,116,524</b>	<b>100.00%</b>	<b>\$20,721.1</b>	<b>48,097,675</b>	<b>100.00%</b>	<b>\$13,349.4</b>
	<b>Grand Total: Growth of All Agencies</b>	<b>5,529,052</b>	<b>7.31%</b>	<b>\$3,569.9</b>	<b>1,435,046</b>	<b>3.08%</b>	<b>\$1,648.8</b>

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## **Appendix 2**

### **Certificates of Participation Payments Funded for FY 2020-21**

The state is currently making payments through the annual budget on nine certificates of participation (COP) issuances, eight of which are paid, at least in part, through state funds, and one of which is paid entirely from cash funds. A tenth COP issuance was approved by the legislature by Senate Bill 20219. Lease-purchase payments for new projects or projects under construction paid through COPs are typically made in the capital construction budget and payments for substantially completed facilities are made in the operating budget. The COP issuances are discussed in greater detail below and are listed in order of issuance date, beginning with the most recent. Information about the cost and terms of each issuance is shown in Figure A2.1.

#### **Outstanding COP Issuances**

*Various capital renewal projects.* **Senate Bill 20-219** authorizes the State Treasurer to issue COPs in an amount of \$65.5 million, plus reasonable administrative expenses, no later than June 30, 2021. The CDC is required to publish to its website a list of projects to be funded from the proceeds of the issuance. As of the date of this report's publication, the CDC has indicated its intention to fund higher education continuation and capital renewal projects that it had previously recommended for funding, and the COP issuance has not yet been made. Payments are limited to \$5.5 million per year.

*Colorado State University.* **House Bill 15-1344** authorized the State Treasurer to issue COPs in an amount of \$250 million, plus reasonable administrative expenses, on or after July 1, 2019, on behalf of Colorado State University to construct several facilities at the National Western Center and on the Fort Collins campus. Payments began in FY 2019-20.

*Various controlled maintenance and transportation projects.* In 2017, the state authorized a multi-year issuance of COPs beginning in FY 2018-19 for capital construction and transportation projects through **Senate Bill 17-267**. The Office of the State Treasurer issued \$500 million in COPs plus \$45 million in premiums in late September 2018 to finance about \$120 million for capital projects and \$425 million for transportation projects. The capital projects include 4 regular capital construction projects at higher education institutions and 93 controlled maintenance projects included in the regular FY 2017-18 controlled maintenance submission. The Office of the State Treasurer issued a second tranche of \$500 million in COPs plus \$111 million in premiums in May 2020. House Bill 20-1408 assigned \$49 million of these funds to fund controlled maintenance projects.

*Colorado Department of Education.* The Building Excellent Schools Today (BEST) program was created in 2008 and offers grant assistance to public schools to rebuild, repair, or replace preK-12 facilities in the state. Two types of grants may be awarded to fund BEST projects, including cash awards and long-term financing in the form of COPs. The state's share of COP lease-payment costs cannot exceed half of the maximum allowable amount of annual lease payments authorized in law. For FY 2019-20, the total allowable lease payment amount was \$105.0 million, and the cap increased to \$125.0 million in FY 2020-21. COP issuances under the program are subject to CDC review, but may be ongoing, so long as the total payment caps set in law are not exceeded. The CDC authorized new issuances in June 2019 and June 2020. The program is funded from moneys earned on state public school lands, lottery proceeds, a tax on the sale of recreational marijuana, and interest and income earnings.

*Colorado Bureau of Investigation.* The state has authorized two COP issuances in recent years to finance construction of laboratory facilities for the Colorado Bureau of Investigation (CBI). **Senate Bill 15-207** authorized the issuance of COPs to refinance existing revenue bonds used to finance the construction of the CBI Grand Junction laboratory and regional office. The original revenue bonds were issued by a special purpose entity formed by the city of Grand Junction in 2006. The refinancing was finalized in fall 2015. CBI makes annual lease payments through its operating budget.

**House Bill 14-1170** authorized the issuance of COPs to construct a new facility for the CBI in Pueblo West. The new facility replaced a leased lab located in Pueblo. The COPs were issued in July 2014. CBI makes annual lease payments through its operating budget.

*Colorado Department of Agriculture.* In FY 2014-15, the Department of Agriculture began making payments on a COP issued in December 2013 to finance a new office building designed to consolidate functions from three leased offices in the Denver Metro area. The COP issuance was authorized through **House Bill 13-1234**. The department makes annual lease payments from the Agricultural Management Cash Fund through its operating budget.

*History Colorado Center and the Justice Center.* In FY 2011-12, History Colorado began making payments on a portion of a COP issued in July 2009 to finance a new history museum and justice center. Beginning in FY 2012-13, the Judicial Branch began contributing to the payment. The average annual payment amount is \$21.6 million. In FY 2019-20, History Colorado paid \$3.8 million from limited gaming moneys and the Judicial Branch paid \$21.6 million from a variety of sources, including civil filing fees and lease payments. Beginning in FY 2015-16, the Judicial Branch share of the payments has been partially offset with General Fund moneys. The payments are made through each agency's operating budget. The COP issuance was authorized through **Senate Bill 08-206**.

*Higher education institutions.* **Senate Bill 08-233** authorized a state-funded COP issuance to construct or renovate 12 buildings on various higher education campuses. In FY 2012-13, approximately \$6.1 million from the unspent proceeds resulting from the sale of COPs for the original 12 projects was used to fund 11 controlled maintenance projects at various higher education institutions. The projects were selected from the FY 2012-13 Level II controlled maintenance submission.

The bill identified the source of funds for this COP project as the Higher Education Federal Mineral Lease Revenues Fund. Moneys accrue to the fund from rent and royalties paid to develop mineral production on federal land according to a complex formula, and after other obligations are met. In years when there are insufficient funds available from this source to make the full annual lease payment, the payment is subsidized by a General Fund transfer. The annual lease payments are appropriated to the Department of Higher Education operating budget and transferred to and made by the State Treasurer's Office.

*State prison and University of Colorado Denver Anschutz Medical Campus.* **House Bill 03-1256** authorized the construction of a new high security prison in Cañon City and seven academic facilities at the University of Colorado (CU) Denver's Anschutz Medical Campus. The annual lease payments are made from the Department of Corrections and the CU System operating budgets, respectively.



Up to \$8.0 million of the annual lease payment for the CU project is offset with revenue distributed to the state pursuant to the Tobacco Master Settlement Agreement. FY 2018-19 marked the last year of payment for the prison.

*Additional, non-appropriated project financed through COPs.* The Capitol Parking Authority, within the Department of Personnel and Administration, issued COPs in 2004 for the construction of off-street parking facilities in the Capitol Complex. The related COP payment is not appropriated through the state budget. The Capitol Parking Authority uses parking fee revenue to make the required payments. Annual payments of approximately \$0.5 million are expected to continue through FY 2022-23.

### **Revenue for COP Lease Payments**

Unless otherwise specified, the General Fund is the source of revenue for COP payments. The exact annual payment for the nine COP projects currently funded through the annual budget bill varies slightly from year to year, but on average, the state owes \$137.4 million each year for the next three years. This amount includes state and cash fund sources. Figure A3.1 summarizes the outstanding payments for all COP projects funded through the state budget for FY 2020-21.

**Figure A2.1**  
**Outstanding Payments for Certificates of Participation Projects Funded**  
**for FY 2020-21**

Agency	Project	Construction Cost	Average Annual Payment Based on Life of Issuance	Payment Term	Number of Payments Remaining	Date Payment Term Expires	Total Cost (principal and interest)
<i>Lease payments made in whole or in part from the General Fund</i>							
Colorado State University	National Western Center	\$132.1 million	\$9.4 million	20 years	19	June 30, 2039	\$188.0 million
Education	Building Excellent Schools Today Grant Program	\$864.3 million	\$85.8 million	Ongoing	Ongoing	Ongoing	\$1,454.8 million
Higher Education Institutions	Various (12 projects)	\$202.3 million	\$17.0 million	20 years	7	June 30, 2028	\$335.6 million
History Colorado and Judicial Branch	History Colorado Center and Ralph L. Carr Judicial Center	\$338.8 million	\$21.6 million	34 years	25	June 30, 2046	\$757.4 million
Public Safety	Colorado Bureau of Investigation Grand Junction	\$11.0 million	\$0.8 million	18 years	12	June 30, 2033	\$14.3 million
Public Safety	Colorado Bureau of Investigation Pueblo West Lab	\$11.0 million	\$0.8 million	20 years	13	June 30, 2034	\$15.2 million
Treasury	Various Controlled Maintenance and Transportation (first issuance)	\$500.0 million	\$37.5 million	20 years	17	June 30, 2038	To be determined
University of Colorado Denver	Anschutz Medical Campus	\$202.9 million	\$12.7 million	26 years	10	June 30, 2031	\$331.0 million
<i>Lease payments made entirely from cash fund sources</i>							
Agriculture	Main Office, Broomfield	\$7.1 million	\$0.4 million	21 years	13	June 30, 2034	\$9.0 million
<b>Total</b>		<b>\$2.27 billion</b>	<b>\$186.0 million</b>				<b>\$3.11 billion</b>

