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Legislative
Council
Staff**

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M E M O R A N D U M

March 28, 2016

TO: Members of the General Assembly
FROM: Legislative Council Staff, 303-866-3521
SUBJECT: 2016 Capital Construction Recommendation

Summary

This memorandum summarizes the capital construction, controlled maintenance, and capital information technology (IT) project recommendations for FY 2016-17. The projects are included in House Bill 16-1405, the 2016 Long Bill, as introduced. The Long Bill includes 66 capital projects totaling \$239.4 million. A transfer to the Capital Construction Fund of \$31.3 million from the General Fund and \$0.5 million from the General Fund Exempt account is required to fully fund the FY 2016-17 capital construction, controlled maintenance, and capital IT recommendations. The recommended transfers are included in House Bill 16-1417, as introduced.

FY 2016-17 Capital Construction and Controlled Maintenance Recommendations

The Long Bill includes 66 capital projects totaling \$239.4 million. Of this amount, \$114.6 million (47.9 percent) is from state funds and \$124.8 million (52.1 percent) is from cash and federal funds. Of the \$114.6 million recommended in state funds, \$77.7 million (67.9 percent) is allocated to capital construction, \$26.1 million (22.8 percent) to controlled maintenance, and \$10.7 million (9.3 percent) to capital IT projects. Figure 1 provides a summary of the recommended projects by funding category. Figure 3 is a summary of the cost and total number of capital construction, controlled maintenance, and IT projects for each department and higher education institution included in the Long Bill. Figure 3 includes state- and cash-funded projects.

Figure 1
FY 2016-17 Capital Construction Long Bill Recommendation

Funding Category	# of Projects	CCF	CF	FF	Total Funds	Percent of Total
State-funded capital construction	14	\$77,745,246	\$38,304,068	\$0	\$116,049,314	48.5%
State-funded controlled maintenance	30	26,127,246	0	667,130	26,794,376	11.2%
State-funded information technology	8	10,697,409	272,060	11,734,476	22,703,945	9.5%
Cash-funded capital construction and information technology (includes cash and federal funds)	14	0	71,676,946	2,183,614	73,860,560	30.8%
Total	66	\$114,569,901	\$110,253,074	\$14,585,220	\$239,408,195	100.0%

CCF = Capital Construction Fund; CF = Cash Funds, including Highway Users Tax Fund; FF = Federal Funds

State-Funded Capital Projects

Capital Development Committee recommendation. Over the course of several months, the Capital Development Committee (CDC) considered the state-funded capital projects submitted for consideration by the Governor's Office of State Planning and Budgeting (OSPB) and the Colorado Commission on Higher Education (CCHE). During its deliberations about capital project funding, the CDC referenced the January 4, 2016, prioritized funding recommendations made by OSPB. The CDC's recommendation modified the priority order of a few projects submitted by OSPB. The CDC concurred with the priority order of the top 12 projects on the OSPB list. The CDC recommended funding for 2 additional capital construction projects and an additional 19 Level 1 controlled maintenance projects, not recommended for funding by OSPB. In total, the CDC recommended state funding for 44 projects — 9 state department capital construction projects, 5 higher education capital construction projects, and 30 Level 1 controlled maintenance projects.

Joint Technology Committee recommendations. For FY 2016-17, the Joint Technology Committee (JTC) considered two state-funded IT projects submitted for consideration by OSPB and six IT projects submitted by CCHE. An additional project originally submitted to the CDC was reviewed by the JTC after it was determined that it was an IT project instead of a regular capital construction project; however it was not recommended for funding by the JTC. The CCHE projects were not recommended for funding by OSPB; however, the JTC recommended funding critical portions of each CCHE project. Ultimately, the JTC recommended funding a total of eight state-funded IT projects. The first two state-funded projects prioritized by the JTC match OSPB's priorities. The JTC then prioritized the portions of the six CCHE projects based on the criticality of each project's components.

Projects approved by the JBC. The Joint Budget Committee (JBC) approved the full list of capital projects recommended for funding by the CDC. It also recommended the full list of state-funded IT projects recommended for funding by the JTC, but only including the critical portions of the CCHE projects. Additionally, the funding split between state funds and federal funds was modified for one project.

A transfer of \$31.8 million General Fund to the Capital Construction Fund (CCF) is required to fully fund the JBC recommendation. Of this amount, \$10.7 million will be transferred to the Information Technology Capital Account in the CCF to pay the costs associated with the IT projects. Figure 2 summarizes the revenue identified to fund the state-funded projects included in the 2016 Long Bill.

Figure 2
Proposed Revenue for 2016 Long Bill State-Funded Projects

Amount	Source
\$4,286,094	Capital Construction Fund balance as of July 1, 2015
\$3,000,000	Capital Construction Fund projected FY 2015-16 interest earnings
\$1,000,000	Controlled Maintenance Trust Fund interest earnings
\$74,500,000	Transfers for capital construction pursuant to House Bill 16-1416, based on the Senate Bill 09-228 transfers for FY 2015-16 and FY 2016-17
\$49,977,734	Cash and federal match for various projects
\$1,000,000	Transfer from State Historical Fund to Capital Construction Fund for renovations to House and Senate Chambers
\$133,763,828	Subtotal
\$165,547,635	Cost of state-funded projects
\$31,783,807	General Fund transfer required to the Capital Construction Fund*

*Includes \$500,000 from the General Fund Exempt account for highway construction projects.

Cash-funded Capital Projects

Capital Development Committee recommendation for cash-funded projects. The CDC recommended a total of \$46.6 million cash funds spending authority for 11 projects for inclusion in the 2016 Long Bill. The CDC recommendation includes only state agency projects. Pursuant to changes in the review and approval process for higher education cash-funded projects, the CDC individually reviews Two-Year Projections of Cash Need for higher education institutions.

Joint Technology Committee recommendation for cash-funded projects. The JTC recommended a total of \$27.2 million cash funds spending authority for three projects for inclusion in the 2016 Long Bill.

Cash-funded projects approved by the JBC. The JBC approved the CDC and JTC recommended lists of cash projects, as submitted.

Figure 3
FY 2016-17 Summary of Capital Construction and Controlled Maintenance Long Bill Recommendation

Department/Institution	Total # of Projects	Total Cost	# of State-funded Capital Construction and IT Projects	State-funded Capital Construction and IT Cost	# of State-funded Controlled Maintenance Projects	State-funded Controlled Maintenance Cost	# of Federal and Cash-funded Capital Construction and IT Projects	Federal and Cash-funded Capital Construction and IT Cost
State Agency								
Corrections	4	\$4,111,377	0	\$0	3	\$3,451,377	1	\$660,000
Education	1	7,600,185	1	7,600,185	0	\$0	0	0
History Colorado	3	1,505,689	1	300,000	1	405,689	1	800,000
Human Services	10 (3)	30,829,272	6 (2)	15,138,807	2	1,517,980	2 (1)	14,172,485
Labor and Unemployment	1 (1)	25,263,480	0	0	0	0	1 (1)	25,263,480
Military and Veterans Affairs	1	1,334,260	0	0	1	667,130	0	667,130
Natural Resources – Parks and Wildlife	5	40,391,672	0	0	0	0	5	40,391,672
Office of Information Technology	2	11,388,707	1	10,316,372	1	1,072,335	0	0
Personnel and Administration	5	11,420,675	1	5,684,248	2	2,990,000	2	2,746,427
Public Health and Environment	1 (1)	515,972	0	0	0	0	1 (1)	515,972
Public Safety	1	1,145,000	0	0	0	0	1	1,145,000
Transportation	1	500,000	1	500,000	0	0	0	0
Total State Agencies	35 (5)	\$136,006,289	11 (2)	\$39,539,612	10	\$10,104,511	14 (3)	\$86,362,166

Figure 3 (Cont.)
FY 2016-17 Summary of Capital Construction and Controlled Maintenance Long Bill Recommendation

Department/Institution	Total # of Projects	Total Cost	# of State-funded Capital Construction and IT Projects	State-funded Capital Construction and IT Cost	# of State-funded Controlled Maintenance Projects	State-funded Controlled Maintenance Cost	# of Federal and Cash-funded Capital Construction and IT Projects	Federal and Cash-funded Capital Construction and IT Cost
Higher Education Institutions								
Adams State University	1	\$1,514,508	0	0	1	\$1,514,508	0	0
Auraria Higher Education Center	2	1,167,631	0	0	2	1,167,631	0	0
Colorado Mesa University	1	9,335,511	1	9,230,212	0	0	0	105,299
Colorado School of Mines	1	343,275	0	0	1	343,275	0	0
Colorado State University	4	13,939,373	1	12,471,940	3	1,467,433	0	0
Colorado State University — Pueblo	1 (1)	1,826,475	1 (1)	1,826,475	0	0	0	0
Community College of Denver	1 (1)	1,046,383	1 (1)	774,323	0	0	0	272,060
Fort Lewis College	1	650,911	0	0	1	650,911	0	0
Front Range Community College	1	1,037,689	0	0	1	1,037,689	0	0
Lamar Community College	1 (1)	170,900	1 (1)	170,900	0	0	0	0
Metropolitan State University of Denver	1	23,595,840	1	0	0	0	0	23,595,840
Northeastern Junior College	1	467,500	0	0	1	467,500	0	0
Otero Junior College	2 (1)	897,500	1 (1)	250,000	1	647,500	0	0
Pikes Peak Community College	1	1,071,012	0	0	1	1,071,012	0	0
Pueblo Community College	3 (1)	7,679,651	2 (1)	6,766,443	1	913,208	0	0

Figure 3 (Cont.)
FY 2016-17 Summary of Capital Construction and Controlled Maintenance Long Bill Recommendation

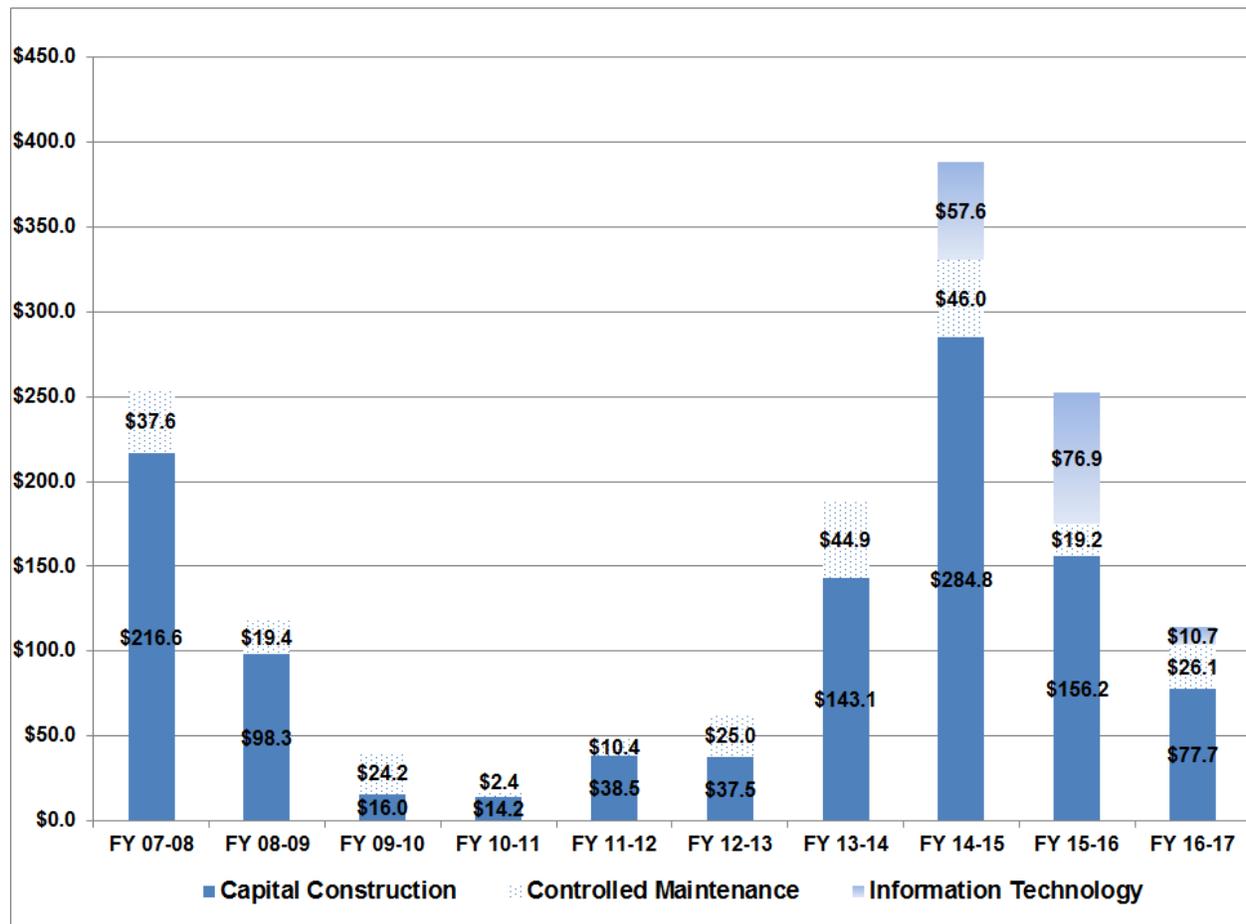
Department/Institution	Total # of Projects	Total Cost	# of State-funded Capital Construction and IT Projects	State-funded Capital Construction and IT Cost	# of State-funded Controlled Maintenance Projects	State-funded Controlled Maintenance Cost	# of Federal and Cash-funded Capital Construction and IT Projects	Federal and Cash-funded Capital Construction and IT Cost
Higher Education Institutions (Cont.)								
University of Colorado at Boulder	3	2,225,182	0	0	3	2,225,182	0	0
University of Colorado Denver	1	742,193	0	0	1	742,193	0	0
University of Northern Colorado	4 (1)	34,038,503	2 (1)	17,412,750	2	2,122,824	0	14,502,929
Western State Colorado University	1	1,651,869	0	0	1	1,651,869	0	0
Total Higher Education	31 (6)	\$103,401,906	11 (6)	\$48,903,043	20	\$16,022,735	0	\$38,476,128
Statewide Total	66 (11)	\$239,408,195	22 (8)	\$88,442,655	30	\$26,127,246	14 (3)	\$124,838,294

**Numbers in parentheses indicate the number of IT projects. (The total number of projects is listed first, followed by the number of IT projects in parentheses.)*

Funding History

Figure 4 provides a ten-year history of state funding for capital construction, controlled maintenance, and IT projects. Prior to FY 2015-16, IT projects were requested through the regular capital construction budget. The Figure 4 capital construction appropriation totals include funding for IT projects for FY 2007-08 through FY 2013-14. The FY 2016-17 recommendation for state-funded capital construction, controlled maintenance, and IT projects is about \$137.7 million less than the amount funded in FY 2015-16.

Figure 4
Ten-Year Funding History with FY 2016-17 Recommendation
(State Funds Only, \$ in Millions)



Attachment A lists the FY 2016-17 capital projects included in the Long Bill and recommended for funding by the JBC. It also includes supplemental FY 2014-15 funding for one project. Attachment A also reflects the priority order assigned to each project by the CDC, JTC, OSPB, and CCHE.

Attachment B details the capital projects included in the Long Bill and recommended for funding by the JBC. Attachment B includes state- and cash-funded projects. It also shows prior appropriations and out-year costs for each project.

Capital Projects Included in 2016 Long Bill

Attachment A

Ordered by Agency Name

CDC	JTC	OSPB	CCHE	Agency	Project Title	CCF	CF*	Total
CM	-	-	-	Adams State University	Upgrade HVAC, Music Building	\$1,514,508	\$0	\$1,514,508
CM	-	-	-	Auraria Higher Education Center	Replace/Upgrade Fire Alarm Systems, Multiple Buildings	578,643	0	578,643
CM	-	-	-	Auraria Higher Education Center	Improve ADA Accessibility, Tenth Street Pedestrian Corridor	588,988	0	588,988
10	-	10	-	Colorado Historical Society (History Colorado)	Georgetown Loop Business Capitalization Program	300,000	100,000	400,000
CF	-	CF	-	Colorado Historical Society (History Colorado)	Regional Museum Preservation Projects	0	700,000	700,000
CM	-	CM	-	Colorado Historical Society (History Colorado)	Mitigate Wildfire Risk, Georgetown Loop Railroad	405,689	0	405,689
5	-	5	3	Colorado Mesa University	Health Sciences, Phase I, Nurse Practitioner	9,230,212	105,299	9,335,511
CM	-	-	-	Colorado School of Mines	Replace Hazardous Laboratory Fume Controls	343,275	0	343,275
4	-	4	1	Colorado State University	Chemistry Building Addition	12,471,940	0	12,471,940
CM	-	-	-	Colorado State University	Repair College Lake Dam	344,708	0	344,708
CM	-	-	-	Colorado State University	Upgrade HVAC, Chemistry Building	800,865	0	800,865
CM	-	-	-	Colorado State University	Add Flood Protection in Tunnels and Heating Plant	321,860	0	321,860
-	3	-	24	Colorado State University — Pueblo	Campus Information Technology Upgrades and Security	1,826,475	0	1,826,475
-	3	-	13	Community College of Denver	Technology Infrastructure	774,323	272,060	1,046,383
CF	-	CF	-	Corrections	Correctional Industries — Miscellaneous Small Projects		660,000	660,000
CM	-	CM	-	Corrections	Improve Fire Suppression System, Centennial Correctional Facility North	782,647	0	782,647
CM	-	-	-	Corrections	Improve Perimeter Security, Denver Reception and Diagnostic Center and Women's Correctional Facility	1,870,550	0	1,870,550
CM	-	-	-	Corrections	Replace Fire Alarm System and Improve Fire Suppression, Limon Correctional Facility	798,180	0	798,180
12	-	12	-	Education	Jones and Palmer Halls Renovation, Colorado School for the Deaf and the Blind	7,600,185	0	7,600,185
CM	-	-	-	Fort Lewis College	Improve Pedestrian Safety	650,911	0	650,911
CM	-	CM	-	Front Range Community College	Upgrade Exterior and Interior Security, Westminster and Larimer Campuses	1,037,689	0	1,037,689
2	-	2	-	Human Services	Suicide Risk Mitigation	1,867,586	0	1,867,586
3	-	3	-	Human Services	Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections	3,689,500	0	3,689,500
9	-	9	-	Human Services	Adams County Youth Services Center Replacement	3,000,000	0	3,000,000
15	-	14	-	Human Services	Resident Safety, Security, and Accessibility Improvements, Colorado Veterans Community Living Centers	2,278,060	0	2,278,060
CF	-	CF	-	Human Services	Regional Center Capital Improvements	0	979,884	979,884
CM	-	CM	-	Human Services	Upgrade Electronic Security Systems, Four Division of Youth Corrections Centers	1,005,918	0	1,005,918
CM	-	-	-	Human Services	Upgrade Building Automation System	512,062	0	512,062
-	CF	1 (IT)	-	Human Services	Child Care Automated Tracking System Enhancement	0	1,458,125	1,458,125
-	1	3 (IT)	-	Human Services	Child Welfare Case Management System Upgrade	3,374,809	3,374,808	6,749,617
-	2	4 (IT)	-	Human Services	IT Systems Interoperability	928,852	8,359,668	9,288,520
-	CF	CF	-	Labor and Employment	Unemployment Insurance Mainframe Migration and Modernization	0	25,263,480	25,263,480
-	3	-	28	Lamar Community College	Technology Infrastructure	170,900	0	170,900
6	-	6	2	Metropolitan State University of Denver	Aerospace Engineering Sciences Building	0	23,595,840	23,595,840
CM	-	-	-	Military and Veterans Affairs	Mitigate Site Flooding Risk and Repair Building Envelope, Watkins Armory	667,130	667,130	1,334,260
CF	-	CF	-	Natural Resources — Parks and Wildlife	Land and Water Acquisitions, Wildlife Areas	0	9,300,000	9,300,000
CF	-	CF	-	Natural Resources — Parks and Wildlife	Land and Water Acquisitions, State Parks	0	950,000	950,000
CF	-	CF	-	Natural Resources — Parks and Wildlife	Infrastructure and Real Property Maintenance, Wildlife Areas	0	3,799,502	3,799,502
CF	-	CF	-	Natural Resources — Parks and Wildlife	Park Infrastructure and Facilities	0	19,837,320	19,837,320
CF	-	CF	-	Natural Resources — Parks and Wildlife	Chatfield Reservoir Reallocation Project Mitigation	0	6,504,850	6,504,850

Capital Projects Included in 2016 Long Bill (Cont.)

Attachment A

Ordered by Agency Name

CDC JTC OSPB CCHE				Agency	Project Title	CCF	CF*	Total
CM	-	CM	-	Northeastern Junior College	Install Electronic Door Access and Camera Systems	\$467,500	\$0	\$467,500
11	-	11	-	Office of Information Technology	Public Safety Communications Network Microwave Infrastructure Replacement	10,316,372	0	10,316,372
CM	-	-	-	Office of Information Technology	Replace Microwave Site Towers, B Group	1,072,335	0	1,072,335
CM	-	CM	-	Otero Junior College	Repair/Upgrade Campus Security Access and Electronic Locks	647,500	0	647,500
-	3	-	29	Otero Junior College	Technology Infrastructure	250,000	0	250,000
14	-	-	-	Personnel and Administration	Replace/Restore Roof, State Capitol Building	5,684,248	0	5,684,248
CF	-	-	-	Personnel and Administration	State Capitol Building House and Senate Chamber Renovations	0	2,425,000	2,425,000
CM	-	CM	-	Personnel and Administration	Controlled Maintenance Emergency Account	2,000,000	0	2,000,000
CM	-	-	-	Personnel and Administration	Rehabilitate Elevators, 690/700 Kipling and Grand Junction Buildings	990,000	0	990,000
-	-	-	-	Personnel and Administration	Upgrade Elevators, Legislative Services Building (FY 2014-15 add-on)	0	321,427	321,427
CM	-	CM	-	Pikes Peak Community College	Upgrade Security, Doors, and Electronic Access Systems, Centennial and Rampart Range Campuses	1,071,012	0	1,071,012
-	CF	2 (IT)	-	Public Health and Environment	Laboratory Information Management System	0	515,972	515,972
CF	-	CF	-	Public Safety	Loma Eastbound Port of Entry Replacement	0	1,145,000	1,145,000
8	-	8	5	Pueblo Community College	Davis Academic Building Renovation (Capital Renewal)	5,807,143	0	5,807,143
CM	-	CM	-	Pueblo Community College	Upgrade Building and Common Area Security, Three Campuses	913,208	0	913,208
-	3	-	30	Pueblo Community College	Critical Core Technology Infrastructure	959,300	0	959,300
16	-	13	-	Transportation	Highway Construction Projects	500,000	0	500,000
CM	-	CM	-	University of Colorado at Boulder	Renovate Fire Sprinklers and HVAC System, Department of Speech, Language, and Hearing Sciences	793,198	0	793,198
CM	-	-	-	University of Colorado at Boulder	Upgrade Fire Sprinklers, Various Buildings	754,965	0	754,965
CM	-	-	-	University of Colorado at Boulder	Mitigate/Control Flood Water	677,019	0	677,019
CM	-	-	-	University of Colorado Denver	Replace Fire Detection System, Building 400 Series	742,193	0	742,193
7	-	7	4	University of Northern Colorado	Campus Commons	15,000,000	14,502,929	29,502,929
CM	-	CM	-	University of Northern Colorado	Upgrade Fire Sprinklers	1,126,460	0	1,126,460
CM	-	-	-	University of Northern Colorado	Upgrade Fire Sprinklers, McKee Building	996,364	0	996,364
-	3	-	25	University of Northern Colorado	Wireless and Network Infrastructure Upgrade	2,412,750	0	2,412,750
CM	-	-	-	Western State Colorado University	Replace HVAC System, Hurst Hall	1,651,869	0	1,651,869
Totals						\$114,569,901	\$124,838,294	\$239,408,195

Prioritization information is shown for the CDC: Capital Development Committee (out of 16 state-funded projects, including two groups of Level 1 controlled maintenance projects); JTC: Joint Technology Committee (out of 8 state-funded projects, 6 of which are prioritized as priority 3); OSPB: Governor's Office of State Planning and Budgeting (out of 46 state-funded projects and 4 IT projects); and CCHE: Colorado Commission on Higher Education (out of 31 state-funded higher education projects).

*Cash funds include cash funds, federal funds, and the Highway Users Tax Fund.

CF = Cash-funded project recommended for funding.

CM = Level 1 controlled maintenance project recommended for funding.

FY 2016-17 Capital Appropriations Included in 2016 Long Bill

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
Adams State University							
Upgrade HVAC, Music Building	CCF	\$0	\$1,514,508	\$0	\$0	\$1,514,508	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$1,514,508	\$0	\$0	\$1,514,508	
The project upgrades the HVAC system to address undersized ventilation and air handling units, obsolete controls, and an inadequate return air system. The project also addresses failing hydronic piping located inside the interior walls. The pipe fittings are old and require frequent maintenance. In addition, the ventilation and air-handling units are undersized, the controls are obsolete, and the air return is inadequate. The lack of adequate cooling in the building has led to lost program revenue during the summer months, and the Music Department relies on summer conferences to subsidize its operating budgets. The Music Building was the subject of a recent remodel, but the HVAC system was not included in the scope of that project.							
Subtotals: Adams State University		Total	\$0	\$1,514,508	\$0	\$0	\$1,514,508
	CCF	0	1,514,508	0	0	1,514,508	
	CF	0	0	0	0	0	
Auraria Higher Education Center							
Replace/Upgrade Fire Alarm Systems, Multiple Buildings	CCF	\$0	\$578,643	\$351,921	\$362,468	\$1,293,032	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$578,643	\$351,921	\$362,468	\$1,293,032	
The three-phase project replaces fire alarm panels and other components with code compliant equipment that will be compatible with and monitored through the campus fire alarm network system. According to the campus, the current systems do not have voice alarm capabilities, comply with campus standards, or integrate with the campus monitoring network. This year's request for Phase I replaces the fire alarm systems in the Plaza Building. Phase II addresses the Boulder Creek building, and Phase III addresses the Facility Services Building, as well as the 9th Street houses. The campus received funding in FY 2014-15 and FY 2015-16 for replacing systems at five other buildings: St. Cajetans, Rectory, West Classroom, Bear Creek, and Central Classroom.							
Improve ADA Accessibility, Tenth Street Pedestrian Corridor	CCF	\$1,141,835	\$588,988	\$0	\$0	\$1,730,823	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$1,141,835	\$588,988	\$0	\$0	\$1,730,823	
The three-phase project installs permeable pavers and raises the grade of the curbs along the 10th Street pedestrian corridor. In the course of this work, the project also makes stormwater improvements, replaces buried chilled water piping, and provides cathodic protection to existing condensate and steam piping to reduce corrosion. This year's request for Phase III will complete the improvements between Curtis Street and Larimer Street. Phase I designed the project and constructed walkway and drainage improvements from Colfax Avenue to north of Champa Street. Phase II completed the improvements between Champa Street and Curtis Street and replaced the chilled water piping.							
Subtotals: Auraria Higher Education Center		Total	\$1,141,835	\$1,167,631	\$351,921	\$362,468	\$3,023,855
	CCF	1,141,835	1,167,631	351,921	362,468	3,023,855	
	CF	0	0	0	0	0	

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
Colorado Historical Society (History Colorado)						
Georgetown Loop Business Capitalization Program	CCF	\$900,000	\$300,000	\$0	\$0	\$1,200,000
	CF	\$300,000	\$100,000	\$0	\$0	\$400,000
	Total	\$1,200,000	\$400,000	\$0	\$0	\$1,600,000
The four-phase project purchases additional rolling stock (locomotives) and makes repairs to the existing rolling stock at the Georgetown Loop Railroad. An inadequately sized and poorly maintained fleet can lead to operational disruptions that may close the railroad. According to History Colorado, disruption in railroad service has a negative impact on the local economy and unreliability creates a decline in railroad visitation and business reputation. This year's request for Phase IV continues locomotive repairs to six cars and converts one standard-gauge locomotive to narrow gauge.						
Regional Museum Preservation Projects	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$12,804,010	\$700,000	\$0	\$0	\$13,504,010
	Total	\$12,804,010	\$700,000	\$0	\$0	\$13,504,010
The project addresses a number of historic preservation issues at regional museums. Specifically, the project will repair, restore, and upgrade historic sites and museums around Colorado. This is an annual request to preserve regional museums and support the business operations of History Colorado.						
Mitigate Wildfire Risk, Georgetown Loop Railroad	CCF	\$574,438	\$405,689	\$0	\$0	\$980,127
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$574,438	\$405,689	\$0	\$0	\$980,127
The three-phase project mitigates fire risk in the railroad park by removing high-density dead or dying trees standing outside the firebreak created by a related project. History Colorado has consulted with the Clear Creek County Fire Chief to determine the areas requiring mitigation. The project will reduce fuel loads, promote growth of high value and diverse tree stock, and create access for firefighters in an area covering about 70 acres. This year's request for Phase III encompasses about 31 acres. Phase I encompassed about 16 acres and Phase II addressed another 20 acres.						
Subtotals: History Colorado		Total	\$14,578,448	\$1,505,689	\$0	\$16,084,137
		CCF	1,474,438	705,689	0	2,180,127
		CF	13,104,010	800,000	0	13,904,010

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
Colorado Mesa University						
Health Sciences, Phase I, Nurse Practitioner	CCF	\$3,000,000	\$9,230,212	\$0	\$0	\$12,230,212
	CF	\$0	\$105,299	\$0	\$0	\$105,299
	Total	\$3,000,000	\$9,335,511	\$0	\$0	\$12,335,511
<p>The two-phase project demolishes 20,414 GSF in the Community Medical Plaza, renovates 9,600 GSF in the building, and constructs an additional 25,718-GSF building. When the project is complete, the new building, to be named the Nurse Practitioner Center, will accommodate the Health Sciences Department, which is currently housed in the Maverick Center. The new building will also host the Student Health Clinic, currently located in the Community Medical Plaza, and Behavioral Clinical Services, currently located south of campus. CMU says the project will help meet a growing demand for health care instruction, which will in turn help to alleviate a shortage of health care professionals in the region and statewide.</p>						
Subtotals: Colorado Mesa University						
	Total	\$3,000,000	\$9,335,511	\$0	\$0	\$12,335,511
	CCF	3,000,000	9,230,212	0	0	12,230,212
	CF	0	105,299	0	0	105,299
Colorado School of Mines						
Replace Hazardous Laboratory Fume Controls	CCF	\$911,427	\$343,275	\$989,564	\$307,583	\$2,551,849
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$911,427	\$343,275	\$989,564	\$307,583	\$2,551,849
<p>The four-phase project replaces fume hoods, variable air volume units, chillers, and air handler control units to ensure the safe removal of hazardous fumes in on-campus laboratories in four buildings. The project also replaces the software used to operate the control units. According to the school, the controls and software used to manage fume ventilation are obsolete and the parts are no longer produced or supported by the manufacturer. This year's request for Phase II replaces the controls and software in Anderson Hall. Phases III and IV address Hill and Berthoud Halls. Phase I, funded in FY 2015-16, replaced controls and software in Coolbaugh Hall.</p>						
Subtotals: Colorado School of Mines						
	Total	\$911,427	\$343,275	\$989,564	\$307,583	\$2,551,849
	CCF	911,427	343,275	989,564	307,583	2,551,849
	CF	0	0	0	0	0

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
Colorado State University							
Chemistry Building Addition	CCF	\$38,694,678	\$12,471,940	\$0	\$0	\$51,166,618	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$38,694,678	\$12,471,940	\$0	\$0	\$51,166,618	
The three-phase project constructs a 60,000-GSF, stand-alone structure on the northwest side of the Chemistry Building in the planned science quad on the Fort Collins main campus. The project addresses a shortage of laboratory and associated office space for faculty and students. According to the university, outdated instructional facilities contribute to diminished program quality at a time when program demand is high. This year's request for Phase III finishes construction, equips the building, and completes landscaping and site work. Phase I funded design and utilities work. Phase II began construction.							
Repair College Lake Dam	CCF	\$352,000	\$344,708	\$0	\$0	\$696,708	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$352,000	\$344,708	\$0	\$0	\$696,708	
The two-phase project addresses concerns raised by the State Engineer during a recent dam-safety inspection. The dam has been classified as high hazard due to its inadequate spillway capacity and insufficient height. This year's request for Phase II funds the final spillway work. Phase I, funded in FY 2013-14, in combination with cash funds from the university, raised the dam and purchased riprap for the dam face. Since Phase I, the State Engineer extensively modified the scope of work to comply with new rules, requiring the dam to be raised and the spillway to be widened. Furthermore, an invasive snail species was discovered in the lake, requiring special filtration of all water released from the dam and adding to the cost of the spillway.							
Upgrade HVAC, Chemistry Building	CCF	\$800,703	\$800,865	\$0	\$0	\$1,601,568	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$800,703	\$800,865	\$0	\$0	\$1,601,568	
The project replaces the primary HVAC system, including pumps, water filters, controls, and valves, in the Chemistry Building. The project also replaces the constant volume fans and pumps with variable volume units and controls in order to reduce building energy use. The existing equipment is well past its useful life and replacement parts are difficult to find. The project received funding in FY 2014-15, but the money was diverted to fund an emergency repair of two air handlers damaged by the failure of an antiquated pump in the same building in December 2014.							
Add Flood Protection in Tunnels and Heating Plant	CCF	\$0	\$321,860	\$0	\$0	\$321,860	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$321,860	\$0	\$0	\$321,860	
The project protects vulnerable locations in the campus utility tunnel system from flooding by installing additional sump pumps, replacing manhole covers, and reworking hatch doors. Flooding in the tunnel system could result in loss of the steam distribution system or the heating plant, which would require the university to close campus buildings seasonally.							
Subtotals: Colorado State University		Total	\$39,847,381	\$13,939,373	\$0	\$0	\$53,786,754
		CCF	39,847,381	13,939,373	0	0	53,786,754
		CF	0	0	0	0	0

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
Colorado State University — Pueblo						
Campus Information Technology Upgrades and Security	CCF	\$0	\$1,826,475	\$0	\$0	\$1,826,475
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$1,826,475	\$0	\$0	\$1,826,475
The project replaces and upgrades multiple elements of the campus IT systems, including the campus IT security system and classroom digital technology. The university says these technological upgrades are necessary to accommodate the growing technology and security needs of the university and to replace outdated equipment that is close to the end of its useful life.						
Subtotals: Colorado State University — Pueblo						
	Total	\$0	\$1,826,475	\$0	\$0	\$1,826,475
	CCF	0	1,826,475	0	0	1,826,475
	CF	0	0	0	0	0
Community College of Denver						
Technology Infrastructure	CCF	\$0	\$774,323	\$0	\$0	\$774,323
	CF	\$0	\$272,060	\$0	\$0	\$272,060
	Total	\$0	\$1,046,383	\$0	\$0	\$1,046,383
The project replaces and upgrades the network infrastructure and telephone systems. The college states that a significant amount of network infrastructure equipment on its campus is outdated and has not been upgraded in 12 years.						
Subtotals: Community College of Denver						
	Total	\$0	\$1,046,383	\$0	\$0	\$1,046,383
	CCF	0	774,323	0	0	774,323
	CF	0	272,060	0	0	272,060

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
Corrections							
Correctional Industries – Miscellaneous Small Projects	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$10,355,980	\$660,000	\$0	\$0	\$11,015,980	
	Total	\$10,355,980	\$660,000	\$0	\$0	\$11,015,980	
The project completes various small projects to support the operation of Colorado Correctional Industries (CCI). This is an ongoing request that allows the department to expand CCI where needed or to maintain current operations. The department lists expansion of production space at the East Canon City Prison Complex as a possible project in FY 2016-17.							
Improve Fire Suppression System, Centennial Correctional Facility North	CCF	\$0	\$782,647	\$0	\$1,033,643	\$1,816,290	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$782,647	\$0	\$1,033,643	\$1,816,290	
The two-phase project replaces the entire fire sprinkler piping system and installs 400 tamper-resistant sprinkler heads at Centennial Correctional Facility North. This year's request for Phase I replaces sprinkler pipes, sprinkler heads, and control panels in each of the seven living units. Inmates will be relocated from each living unit while the upgrades are made. Phase II, which is requested for FY 2018-19, will design and install a new fire sprinkler system in the Programs Administration Building.							
Improve Perimeter Security, Denver Reception and Diagnostic Center and Women's Correctional Facility	CCF	\$0	\$1,870,550	\$0	\$0	\$1,870,550	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$1,870,550	\$0	\$0	\$1,870,550	
The project upgrades the perimeter security at the Denver Reception and Diagnostic Center (DRDC) and the Denver Women's Correctional Facility. Both of these facilities are located on one site, but their perimeter security systems operate independently. The project will integrate the two systems with a single control room. The project replaces damaged fence fabric and shaker wire on the DRDC side, while replacing the microwave detection system surrounding both facilities. It also installs a non-lethal electrified fence around both facilities and upgrades communication wiring. The department notes that residences, shops, and schools have encroached upon the facilities since their construction.							
Replace Fire Alarm System and Improve Fire Suppression, Limon Correctional Facility	CCF	\$0	\$798,180	\$0	\$0	\$798,180	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$798,180	\$0	\$0	\$798,180	
The project replaces the fire alarm system at the Limon Correctional Facility, and also replaces the overhead sprinkler system in the facility's 2,300 square-foot control room with new, 30-head, tamper-resistant fire sprinklers. The department explains that the life span of a typical fire alarm system is between 10 and 15 years, while the system at the Limon facility is 25 years old, and replacing detectors is not possible because new detectors are not compatible with the existing system's older infrastructure. The detection system is also not addressable, which means the exact location of a fire cannot be immediately located when the system is set off. The control room, which contains security, HVAC, and communications controls for the facility, is not adequately protected by the fire sprinkler system.							
Subtotals: Corrections		Total	\$10,355,980	\$4,111,377	\$0	\$1,033,643	\$15,501,000
		CCF	0	3,451,377	0	1,033,643	4,485,020
		CF	10,355,980	660,000	0	0	11,015,980

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
Education						
Jones and Palmer Halls Renovation, Colorado School for the Deaf and the Blind	CCF	\$8,074,925	\$7,600,185	\$0	\$0	\$15,675,110
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$8,074,925	\$7,600,185	\$0	\$0	\$15,675,110
The project renovates Jones and Palmer Halls, two historic buildings on the Colorado School for the Deaf and the Blind (CSDB) campus, to provide safe work space for staff and safe living space designed to meet the program needs of CSDB students. The buildings have had minimal renovations over the past century and have deteriorated to poor condition. This year's request for Phase II renovates Palmer Hall. Phase I designed both projects and renovated Jones Hall.						
Subtotals: Education		Total	\$8,074,925	\$7,600,185	\$0	\$15,675,110
	CCF	8,074,925	7,600,185	0	0	15,675,110
	CF	0	0	0	0	0
Fort Lewis College						
Improve Pedestrian Safety	CCF	\$0	\$650,911	\$0	\$0	\$650,911
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$650,911	\$0	\$0	\$650,911
The project improves pedestrian walkways throughout the north-south campus circulation spine and other main circulation routes, thus bringing these routes into ADA compliance. The college has been notified that these circulation routes are not in compliance with 2010 ADA standards, since the walkways are excessively sloped and contain deteriorated and uneven asphalt and concrete. The college says continued deterioration of the walkways creates potentially dangerous conditions, particularly in winter months. The project, which has been reduced in scope from previous requests, repairs problem surfaces and reslopes the walkways.						
Subtotals: Fort Lewis College		Total	\$0	\$650,911	\$0	\$650,911
	CCF	0	650,911	0	0	650,911
	CF	0	0	0	0	0
Front Range Community College						
Upgrade Exterior and Interior Security, Westminster and Larimer Campuses	CCF	\$0	\$1,037,689	\$0	\$0	\$1,037,689
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$1,037,689	\$0	\$0	\$1,037,689
The project upgrades the HVAC system to address undersized ventilation and air handling units, obsolete controls, and an inadequate return air system. The project also addresses failing hydronic piping located inside the interior walls. The pipe fittings are old and require frequent maintenance. In addition, the ventilation and air-handling units are undersized, the controls are obsolete, and the air return is inadequate. The lack of adequate cooling in the building has led to lost program revenue during the summer months, and the Music Department relies on summer conferences to subsidize its operating budgets. The Music Building was the subject of a recent remodel, but the HVAC system was not included in the scope of that project.						
Subtotals: Front Range Community College		Total	\$0	\$1,037,689	\$0	\$1,037,689
	CCF	0	1,037,689	0	0	1,037,689
	CF	0	0	0	0	0

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
Human Services						
Suicide Risk Mitigation	CCF	\$10,377,155	\$1,867,586	\$0	\$0	\$12,244,741
	CF	\$3,480,190	\$0	\$0	\$0	\$3,480,190
	Total	\$13,857,345	\$1,867,586	\$0	\$0	\$15,724,931
The project improves patient units at the Colorado Mental Health Institutes at Fort Logan and Pueblo. The project improves areas where residents are most vulnerable, e.g., restrooms, sleeping rooms, and treatment rooms, in order to mitigate the risk of patient suicide or self-harm. This year's request continues upgrades to the east wing of the second floor of Building E at the Fort Logan facility. It also funds the construction of additional patient units, including the admissions, treatment, and clinic areas in Building 125 at the Pueblo facility and Building H at the Fort Logan facility.						
Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections	CCF	\$3,100,000	\$3,689,500	\$5,517,550	\$7,262,500	\$19,569,550
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$3,100,000	\$3,689,500	\$5,517,550	\$7,262,500	\$19,569,550
The seven-phase project addresses safety and self-harm risks in 12 Division of Youth Corrections facilities. This year's request for Phase III addresses repairs in three facilities: Adams, Gilliam, and Grand Mesa.						
Adams County Youth Services Center Replacement	CCF	\$1,982,833	\$3,000,000	\$14,845,503	\$0	\$19,828,336
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$1,982,833	\$3,000,000	\$14,845,503	\$0	\$19,828,336
The three-phase project designs, constructs, and equips a 32- to 40-bed, 45,200 square foot youth detention facility. The facility will replace the existing 13,788 square foot Adams County Youth Services Center in Brighton. This year's request for Phase II constructs offsite infrastructure. Phase I designed the project. Phase III will construct and equip the new facility.						
Resident Safety, Security, and Accessibility Improvements, Colorado Veterans Community Living Centers	CCF	\$2,000,000	\$2,278,060	\$0	\$0	\$4,278,060
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$2,000,000	\$2,278,060	\$0	\$0	\$4,278,060
The project makes physical improvements at the Fitzsimons, Homelake, and Rifle Veterans Living Centers, in order to address resident safety, security, and accessibility issues.						
Regional Center Capital Improvements	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$0	\$979,884	\$963,472	\$970,423	\$2,913,779
	Total	\$0	\$979,884	\$963,472	\$970,423	\$2,913,779
The three-phase project makes ongoing capital improvements at its three regional centers in order to address the wear and tear of continuous use and to improve resident quality of life.						

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
Human Services (Cont.)							
Upgrade Electronic Security Systems, Four Division of Youth Corrections Centers	CCF	\$0	\$1,005,918	\$1,036,470	\$912,496	\$2,954,884	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$1,005,918	\$1,036,470	\$912,496	\$2,954,884	
<p>The three-phase project replaces antiquated door control and security systems with a uniform, integrated building system at four facilities in the youth corrections system. According to the department, additional identified security problems will also be resolved. The facilities have 50-year old technology and component parts are becoming hard to find, requiring increased maintenance time. Additional security concerns include old cameras, blind spots, and manual locking systems. This year's request for Phase I installs new systems at Gilliam Youth Services Center and Pueblo Youth Services Center. Phases II and III will continue upgrades at Grand Mesa Youth Services Center and Zebulon Pike Youth Services Center. The department received funding in each year from FY 2010-11 through FY 2015-16 for replacing systems at six other youth services centers.</p>							
Upgrade Building Automation System	CCF	\$1,568,635	\$512,062	\$0	\$0	\$2,080,697	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$1,568,635	\$512,062	\$0	\$0	\$2,080,697	
<p>The three-phase project retrofits control panels for the building automation system used by the department to control environmental and life-safety systems in 300 buildings statewide, including youth corrections and psychiatric facilities. Two-thirds of the main control panels that make up the field portion of this system are no longer manufactured, and retrofitting them with modern controllers eliminates the need to install completely new systems. This year's request for Phase III retrofits controllers in seven remaining zones/building complexes in the department's southern district. Phase I made replacements in six zones in the north central district and Phase II made replacements in seven zones in the western district.</p>							
Child Care Automated Tracking System Enhancement	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$1,533,125	\$1,458,125	\$90,000	\$270,000	\$3,351,250	
	Total	\$1,533,125	\$1,458,125	\$90,000	\$270,000	\$3,351,250	
<p>The project implements a solution to enhance and replace major components of the Child Care Automated Tracking System (CHATS) over a 5-year period. The department says CHATS lacks robust reporting capabilities, a provider portal, and a fully-staffed operations and maintenance team. This year's request is for the second year of funding.</p>							
Child Welfare Case Management System Upgrade	CCF	\$4,648,707	\$3,374,809	\$4,709,617	\$0	\$12,733,133	
	CF	\$2,175,860	\$3,374,808	\$2,040,000	\$0	\$7,590,668	
	Total	\$6,824,567	\$6,749,617	\$6,749,617	\$0	\$20,323,801	
<p>The three-phase project enhances and modernizes Colorado's current statewide Automated Child Welfare Information System, also known as the Trails-compliant case management system, and associated infrastructure. The project will modernize Trails to allow for faster implementation of system modifications and to accommodate changing child welfare practices. This year's request is for the second year of funding.</p>							
IT Systems Interoperability	CCF	\$1,281,594	\$928,852	\$928,852	\$1,857,704	\$4,997,002	
	CF	\$11,534,346	\$8,359,668	\$8,359,668	\$16,719,336	\$44,973,018	
	Total	\$12,815,940	\$9,288,520	\$9,288,520	\$18,577,040	\$49,970,020	
<p>The five-phase project standardizes existing IT systems under an interoperability environment by improving data exchange through interfaces. Without removing the data from the core systems, the department says the project adds necessary technology components, security, and governance while allowing the data to be available to users. This year's request is for the second year of funding.</p>							
Subtotals: Human Services		Total	\$43,682,445	\$30,829,272	\$38,491,132	\$27,992,459	\$140,995,308
		CCF	24,958,924	16,656,787	27,037,992	10,032,700	78,686,403
		CF	18,723,521	14,172,485	11,453,140	17,959,759	62,308,905

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
<i>Labor and Employment</i>							
Unemployment Insurance Mainframe Migration and Modernization	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$0	\$25,263,480	\$26,213,480	\$0	\$51,476,960	
	Total	\$0	\$25,263,480	\$26,213,480	\$0	\$51,476,960	
The two-phase project migrates the current benefits and employer premium systems from a mainframe onto a modernized computer platform. The department says modern technology will provide more functionality and permit customers to use more self-service options, thereby reducing staff involvement with routine activities and enabling staff to concentrate on more value-added activities. This year's request is for the first year of funding.							
<i>Subtotals: Labor and Employment</i>		Total	\$0	\$25,263,480	\$26,213,480	\$0	\$51,476,960
	CCF	0	0	0	0	0	
	CF	0	25,263,480	26,213,480	0	51,476,960	
<i>Lamar Community College</i>							
Technology Infrastructure	CCF	\$0	\$170,900	\$0	\$0	\$170,900	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$170,900	\$0	\$0	\$170,900	
The project upgrades the college's technology infrastructure, including core switches and wireless network infrastructure. According to the college, many of its IT systems are outdated and do not support current technologies that improve service availability, security, performance, efficiency, and student learning.							
<i>Subtotals: Lamar Community College</i>		Total	\$0	\$170,900	\$0	\$0	\$170,900
	CCF	0	170,900	0	0	170,900	
	CF	0	0	0	0	0	
<i>Metropolitan State University of Denver</i>							
Aerospace Engineering Sciences Building	CCF	\$20,000,000	\$0	\$0	\$0	\$20,000,000	
	CF	\$16,404,160	\$23,595,840	\$0	\$0	\$40,000,000	
	Total	\$36,404,160	\$23,595,840	\$0	\$0	\$60,000,000	
The three-phase project constructs a 118,000-GSF facility to support the development of an Aviation, Aerospace, and Advanced Manufacturing degree program. This year's request for Phase III finishes construction and equips the building. According to the university, it is already an industry leader in providing advanced-manufacturing graduates to local corporations, particularly to Colorado's aerospace industry.							
<i>Subtotals: Metropolitan State University of Denver</i>		Total	\$36,404,160	\$23,595,840	\$0	\$0	\$60,000,000
	CCF	20,000,000	0	0	0	20,000,000	
	CF	16,404,160	23,595,840	0	0	40,000,000	

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
Military and Veterans Affairs							
Mitigate Site Flooding Risk and Repair Building Envelope, Watkins Armory	CCF	\$0	\$667,130	\$271,210	\$0	\$938,340	
	CF	\$0	\$667,130	\$271,210	\$0	\$938,340	
	Total	\$0	\$1,334,260	\$542,420	\$0	\$1,876,680	
The project makes site drainage and paving improvements to the site and makes repairs to the building envelope and interior finishes. The department says expansive soils under the building have caused the building slab and walls to move. Heavy rainstorms have caused site flooding, and existing asphalt paving has deteriorated allowing water to penetrate below the pavement. The roof is also leaking and water is infiltrating windows. This year's request for Phase I includes all site drainage and paving work. Phase II addresses the building envelope and associated interior repairs.							
Subtotals: Military and Veterans Affairs		Total	\$0	\$1,334,260	\$542,420	\$0	\$1,876,680
	CCF	0	667,130	271,210	0	938,340	
	CF	0	667,130	271,210	0	938,340	
Natural Resources — Parks and Wildlife							
Land and Water Acquisitions, Wildlife Areas	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$87,100,000	\$9,300,000	\$9,300,000	\$27,900,000	\$133,600,000	
	Total	\$87,100,000	\$9,300,000	\$9,300,000	\$27,900,000	\$133,600,000	
The project funds the acquisition of interests in real property through a competitive bidding process. The purpose of the ongoing request is to protect, preserve, enhance, and manage wildlife habitat for the use, benefit, and enjoyment of the people of Colorado and its visitors. In addition to protecting critical wildlife habitat for game species, Colorado Parks and Wildlife (CPW) efforts also include protecting and maintaining the habitat and population of a variety of non-game species. Under Parks and Wildlife Commission policy, the purchase of easements is preferred over fee title purchases when CPW acquires land.							
Land and Water Acquisitions, State Parks	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$8,700,000	\$950,000	\$950,000	\$2,850,000	\$13,450,000	
	Total	\$8,700,000	\$950,000	\$950,000	\$2,850,000	\$13,450,000	
The project purchases lands adjacent to or within state parks to provide a buffer between park lands and new development, and acquires water for recreational purposes at various state parks. This year's request addresses acquisitions for two programs: the Water Resources Program and the Property Acquisition Program. CPW says that it engages in an ongoing, annual effort to acquire water for recreational purposes at certain parks. It also acquires land on an ongoing, annual basis. However, land acquisitions are often opportunistic in nature, and are pursued according to a prioritized list of buffers around and in-holdings within existing state parks.							
Infrastructure and Real Property Maintenance, Wildlife Areas	CCF	\$0	\$0	\$0	\$0	\$0	
	CF	\$7,918,391	\$3,799,502	\$3,800,000	\$11,400,000	\$26,917,893	
	Total	\$7,918,391	\$3,799,502	\$3,800,000	\$11,400,000	\$26,917,893	
The project will fund improvements or replacements to existing wildlife facilities statewide. This year's request commits \$1,400,000 to fund dam maintenance activities statewide and \$2,399,502 to address 16 maintenance and repair projects. According to the division, funding for ongoing maintenance needs at its facilities statewide is essential to meeting critical goals, such as providing hunting and fishing recreation in Colorado.							

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
Natural Resources — Parks and Wildlife (Cont.)						
Park Infrastructure and Facilities	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$77,481,967	\$19,837,320	\$23,500,000	\$59,700,000	\$180,519,287
	Total	\$77,481,967	\$19,837,320	\$23,500,000	\$59,700,000	\$180,519,287
The project maintains, restores, and improves park facilities and infrastructure. This request includes two road projects, two major dam maintenance projects, 12 infrastructure projects, and other small projects. The division says the ongoing project is necessary to keep its recreational facilities well-maintained in order to meet its statutory charge to promote outdoor recreation, and to protect public health and safety.						
Chatfield Reservoir Reallocation Project Mitigation	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$0	\$6,504,850	\$0	\$0	\$6,504,850
	Total	\$0	\$6,504,850	\$0	\$0	\$6,504,850
The project pays for CPW's proportional share of the Chatfield Reservoir Reallocation Project to mitigate environmental and recreational impacts resulting from the reallocation project. The reallocation project repurposes existing storage space in the reservoir from flood control to multi-purpose use to be used by CPW and seven other project participants for municipal, industrial, agricultural, recreational, and wildlife habitat purposes.						
Subtotals: Natural Resources — Parks and Wildlife						
Total		\$181,200,358	\$40,391,672	\$37,550,000	\$101,850,000	\$360,992,030
CCF		0	0	0	0	0
CF		181,200,358	40,391,672	37,550,000	101,850,000	360,992,030
Northeastern Junior College						
Install Electronic Door Access and Camera Systems	CCF	\$0	\$467,500	\$525,500	\$0	\$993,000
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$467,500	\$525,500	\$0	\$993,000
The two-phase project replaces the existing door locking system with an electronic access control system and installs a camera system to monitor public areas such as parking lots and entrances to academic buildings. According to the college, its facility staff uses an allen wrench to unlock and lock the buildings on campus each day. The college explains this situation poses a security risk in the event of an emergency. This year's request for Phase I replaces the door locking system. Phase II installs the camera system.						
Subtotals: Northeastern Junior College						
Total		\$0	\$467,500	\$525,500	\$0	\$993,000
CCF		0	467,500	525,500	0	993,000
CF		0	0	0	0	0

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
Office of Information Technology							
Public Safety Communications Network Microwave Infrastructure Replacement	CCF	\$11,151,036	\$10,316,372	\$10,316,372	\$20,632,744	\$52,416,524	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$11,151,036	\$10,316,372	\$10,316,372	\$20,632,744	\$52,416,524	
The multi-year project replaces the statewide microwave public safety communications system with a system that creates more communication safeguards through redundancies. The microwave system provides connectivity between the Digital Trunked Radio System (DTRS) transmitter sites. The request addresses all of the equipment associated with the operation of the microwave transmitter system. The project will be financed through a lease-purchase agreement and include out-year equipment upgrades.							
Replace Microwave Site Towers, B Group	CCF	\$1,790,415	\$1,072,335	\$0	\$0	\$2,862,750	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$1,790,415	\$1,072,335	\$0	\$0	\$2,862,750	
The three-phase project replaces six microwave towers. The towers are part of the state public safety radio network used by public safety officers and first responders. Many of the towers are more than 35 years old, and a recent structural analysis of the towers revealed that many suffer from metal fatigue due to continued exposure to poor weather conditions and loading stresses. This year's request for Phase III replaces tower structures at Boyero and Cheyenne Mountain. Phase I replaced tower structures at La Veta and Sunlight Mountain. Phase II replaced tower structures at Reiradon Hill and Buckhorn Mountain. A previously-funded request, completed in 2012, replaced six microwave site towers that were deemed to be in the most critical condition.							
Subtotals: Office of Information Technology		Total	\$12,941,451	\$11,388,707	\$10,316,372	\$20,632,744	\$55,279,274
		CCF	12,941,451	11,388,707	10,316,372	20,632,744	55,279,274
		CF	0	0	0	0	0
Otero Junior College							
Repair/Upgrade Campus Security Access and Electronic Locks	CCF	\$0	\$647,500	\$500,000	\$0	\$1,147,500	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$647,500	\$500,000	\$0	\$1,147,500	
The two-phase project replaces the primary locking system with electronic locks to address security, ADA, and emergency egress requirements. The existing mechanical lock system is over 30 years old and is no longer as functional or secure as the college would like.							
Technology Infrastructure	CCF	\$0	\$250,000	\$0	\$0	\$250,000	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$250,000	\$0	\$0	\$250,000	
The project upgrades and improves the college's technology infrastructure, including the replacement of the the core network switch. The core switch is approximately ten years old, and the college is concerned about the reliability of the system.							
Subtotals: Otero Junior College		Total	\$0	\$897,500	\$500,000	\$0	\$1,397,500
		CCF	0	897,500	500,000	0	1,397,500
		CF	0	0	0	0	0

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
Personnel and Administration						
Replace/Restore Roof, State Capitol Building	CCF	\$1,578,742	\$5,684,248	\$5,381,059	\$0	\$12,644,049
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$1,578,742	\$5,684,248	\$5,381,059	\$0	\$12,644,049
The three-phase project repairs portions of the State Capitol roof and its associated infrastructure. This year's request for Phase II abates asbestos-containing materials, replaces the copper roofs, repairs the tile roofs, and restores the skylights.						
State Capitol Building House and Senate Chamber Renovations	CCF	\$4,000,000	\$0	\$0	\$0	\$4,000,000
	CF	\$1,500,000	\$2,425,000	\$0	\$0	\$3,925,000
	Total	\$5,500,000	\$2,425,000	\$0	\$0	\$7,925,000
The four-phase project restores the chambers of the Colorado Senate and House of Representatives to their original, historic appearance. The project is managed by the Department of Personnel and Administration on behalf of the General Assembly. This year's request for Phase IV replaces the wooden galleries, including the railings, in order to address wood rot, which has been found throughout the balcony structure and handrails. The project also replaces the existing chairs.						
Controlled Maintenance Emergency Account	CCF	\$33,933,585	\$2,000,000	\$2,000,000	\$6,000,000	\$43,933,585
	CF	\$251,309	\$0	\$0	\$0	\$251,309
	Total	\$34,184,894	\$2,000,000	\$2,000,000	\$6,000,000	\$44,184,894
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.						
Rehabilitate Elevators, 690/700 Kipling and Grand Junction Buildings	CCF	\$0	\$990,000	\$0	\$0	\$990,000
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$990,000	\$0	\$0	\$990,000
The project fully rehabilitates the seven elevators in the Dale Tooley, Resources Park West, and Grand Junction State Services Buildings to prevent accidents or property damage. The department says the elevators frequently malfunction or shut down, requiring constant attention and repairs. Problems include broken relay shunts, failed relay coils, door-related issues, and contact failures in circuits and selector boxes.						
Upgrade Elevators, Legislative Services Building (FY 2014-15 add-on; shown in FY 2016-17 here to reflect new appropriation)	CCF	\$558,800	\$0	\$0	\$0	\$558,800
	CF	\$0	\$321,427	\$0	\$0	\$321,427
	Total	\$558,800	\$321,427	\$0	\$0	\$880,227
The project completes repairs to both the passenger and freight elevators in the Legislative Services Building.						
Subtotals: Personnel and Administration		Total	\$41,822,436	\$11,420,675	\$7,381,059	\$65,743,943
		CCF	40,071,127	8,674,248	7,381,059	61,567,634
		CF	1,751,309	2,746,427	0	4,176,309

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost
<i>Pikes Peak Community College</i>						
Upgrade Security, Doors, and Electronic Access Systems, Centennial and Rampart Range Campuses	CCF	\$0	\$1,071,012	\$0	\$0	\$1,071,012
	CF	\$0	\$0	\$0	\$0	\$0
	Total	\$0	\$1,071,012	\$0	\$0	\$1,071,012
The project replaces the mechanical locks on 184 exterior doors on two campuses with electronic locks in order to improve security. It also integrates the new electronic lock system with the existing fire alarm systems.						
<i>Subtotals: Pikes Peak Community College</i>						
	Total	\$0	\$1,071,012	\$0	\$0	\$1,071,012
	CCF	0	1,071,012	0	0	1,071,012
	CF	0	0	0	0	0
<i>Public Health and Environment</i>						
Laboratory Information Management System	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$0	\$515,972	\$90,771	\$0	\$606,743
	Total	\$0	\$515,972	\$90,771	\$0	\$606,743
The two-phase project purchases an off-the-shelf laboratory information management system (LIMS). The new LIMS will replace the laboratory information tracking system (LITS) that was originally issued for free by the federal Centers for Disease Control. The department has used the LITS since 2001 to track, process, and report end-to-end laboratory data for the Laboratory Services Division; however, outside vendor support for the system became unavailable beginning in 2003. This year's request is for the first year of funding.						
<i>Subtotals: Public Health and Environment</i>						
	Total	\$0	\$515,972	\$90,771	\$0	\$606,743
	CCF	0	0	0	0	0
	CF	0	515,972	90,771	0	606,743
<i>Public Safety</i>						
Loma Eastbound Port of Entry Replacement	CCF	\$0	\$0	\$0	\$0	\$0
	CF	\$1,145,000	\$1,145,000	\$0	\$0	\$2,290,000
	Total	\$1,145,000	\$1,145,000	\$0	\$0	\$2,290,000
The two-phase project replaces the Loma Eastbound Port of Entry along Interstate 70 near Grand Junction. Ports of entry are used to enforce commercial motor vehicle size and weight restrictions, and the department says the Loma facility no longer reliably performs the duties for which it was constructed. This year's request for Phase II completes the project. Phase I designed the project and initiated construction.						
<i>Subtotals: Public Safety</i>						
	Total	\$1,145,000	\$1,145,000	\$0	\$0	\$2,290,000
	CCF	0	0	0	0	0
	CF	1,145,000	1,145,000	0	0	2,290,000

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
<i>Pueblo Community College</i>							
Davis Academic Building Renovation (Capital Renewal)	CCF	\$3,569,619	\$5,807,143	\$0	\$0	\$9,376,762	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$3,569,619	\$5,807,143	\$0	\$0	\$9,376,762	
The two-phase capital renewal project addresses aging and failing systems in the 113,245-GSF Davis Academic Building. This year's request for Phase II replaces most major mechanical systems. Phase I designed the project, completed five major maintenance projects, and purchased mechanical system equipment.							
Upgrade Building and Common Area Security, Three Campuses	CCF	\$0	\$913,208	\$962,550	\$0	\$1,875,758	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$913,208	\$962,550	\$0	\$1,875,758	
The two-phase project replaces all mechanical door locks with an electronic locking system in order to improve security on the Pueblo, Canon City, and Mancos campuses. The existing locks and doors are over 30 years old. This year's request for Phase I replaces critical exterior door locks; Phase II will replace interior door locks.							
Critical Core Technology Infrastructure	CCF	\$0	\$959,300	\$0	\$0	\$959,300	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$959,300	\$0	\$0	\$959,300	
The project replaces and upgrades components of the core technology infrastructure serving the college's students, faculty, and staff. This includes associated backup power, core network switches, and disk storage. The college states that these systems are vital to the operation of the college, the loss of which would have a significant impact on its ability to continue to function.							
<i>Subtotals: Pueblo Community College</i>		Total	\$3,569,619	\$7,679,651	\$962,550	\$0	\$12,211,820
		CCF	3,569,619	7,679,651	962,550	0	12,211,820
		CF	0	0	0	0	0
<i>Transportation</i>							
Highway Construction Projects	CCF	\$2,500,000	\$500,000	\$500,000	\$1,500,000	\$5,000,000	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$2,500,000	\$500,000	\$500,000	\$1,500,000	\$5,000,000	
The project will fund critical state highway projects that are in the currently 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 Capital Development Committee (CDC) to be funded with capital construction funds. The commission formally requested three projects for FY 2016-17, one of which was referred to the JTC. None were recommended by the CDC or JTC, and the JBC typically recommends \$500,000 for state highway projects from General Fund Exempt moneys.							
<i>Subtotals: Transportation</i>		Total	\$2,500,000	\$500,000	\$500,000	\$1,500,000	\$5,000,000
		CCF	2,500,000	500,000	500,000	1,500,000	5,000,000
		CF	0	0	0	0	0

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
University of Colorado at Boulder							
Renovate Fire Sprinklers and HVAC System, Department of Speech, Language, and Hearing Sciences	CCF	\$1,002,345	\$793,198	\$0	\$0	\$1,795,543	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$1,002,345	\$793,198	\$0	\$0	\$1,795,543	
The two-phase project renovates the existing fire sprinkler and HVAC systems in the Communications Disorders Building to provide complete fire sprinkler and cooling coverage building wide. The first floor of the building houses a licensed daycare center for special needs children. This year's request for Phase II replaces piping for the fire sprinkler and cooling systems on all floors of the building and completes associated testing of all system components. Phase I designed the project, purchased equipment, and began demolishing and replacing piping for the fire sprinkler and cooling systems.							
Upgrade Fire Sprinklers, Various Buildings	CCF	\$1,500,733	\$754,965	\$98,316	\$705,312	\$3,059,326	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$1,500,733	\$754,965	\$98,316	\$705,312	\$3,059,326	
The five-phase project provides fire sprinkler coverage in buildings on campus that were built at a time when no fire or life-safety codes were in effect. Risks include open stairs and unprotected corridors. A fire on one floor of such a building could quickly spread to other parts of the floor through unprotected corridors. This year's request for Phase III addresses the Science Learning Laboratory and Sommers-Bausch Observatory. Phase I addressed the Clare and Denison Arts and Sciences Buildings. Phase II addressed the McKenna Languages and Economics Buildings. Future phases address the Fiske Planetarium, University Theater, and Muenzinger Building. A previously-funded request, completed in 2008, made similar upgrades to other buildings on campus.							
Mitigate/Control Flood Water	CCF	\$644,579	\$677,019	\$0	\$0	\$1,321,598	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$644,579	\$677,019	\$0	\$0	\$1,321,598	
The two-phase project provides appropriate routing of surface water to the storm sewer system or diverts water to areas of the system that accommodate more volume. It also installs flood doors and sump pumps at specific campus buildings to prevent water from entering. During the flood of September 2013, the university incurred damage in over 80 campus buildings. The university says the project will help mitigate future flood water damage on campus. This year's request for Phase II mitigates nine identified locations on campus. Phase I mitigated 15 locations.							
Subtotals: University of Colorado at Boulder		Total	\$3,147,657	\$2,225,182	\$98,316	\$705,312	\$6,176,467
		CCF	3,147,657	2,225,182	98,316	705,312	6,176,467
		CF	0	0	0	0	0
University of Colorado Denver							
Replace Fire Detection System, Building 400 Series	CCF	\$0	\$742,193	\$0	\$0	\$742,193	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$742,193	\$0	\$0	\$742,193	
The project replaces fire detection systems in several 1940s-era buildings on the Anschutz Medical Campus, and also installs fire-rated ceilings in the basements of the buildings. The five buildings, formerly used as military barracks and known as the 400 series, have been reconditioned for academic and campus support uses, including housing clinical research and campus police functions. One building, Building 400, has already had its fire detection system upgraded to a smart detection system. The remaining four buildings require similar upgrades due to failure-prone smoke detector heads and hardware that reports fire activity from large building areas rather than precise locations. All five buildings require fire-rated ceiling upgrades in the basements because these areas store large volumes of combustible materials.							
Subtotals: University of Colorado Denver		Total	\$0	\$742,193	\$0	\$0	\$742,193
		CCF	0	742,193	0	0	742,193
		CF	0	0	0	0	0

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
University of Northern Colorado							
Campus Commons	CCF	\$23,000,000	\$15,000,000	\$0	\$0	\$38,000,000	
	CF	\$21,030,739	\$14,502,929	\$0	\$0	\$35,533,668	
	Total	\$44,030,739	\$29,502,929	\$0	\$0	\$73,533,668	
The two-phase project expands the Campus Commons through the construction of a 114,220-GSF addition to the south of the existing Campus Commons building. This year's request for Phase II constructs a three-story structure to house academic services and other university functions. Phase I constructed large event spaces and the main building lobby.							
Upgrade Fire Sprinklers	CCF	\$1,741,668	\$1,126,460	\$0	\$0	\$2,868,128	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$1,741,668	\$1,126,460	\$0	\$0	\$2,868,128	
The three-phase project provides automatic fire sprinkler systems in six campus buildings. Currently, these buildings lack critical fire prevention infrastructure. The project includes fire sprinkler piping and controls; pumps and water service upgrades, as needed; system modifications; and all related repairs. This year's request for Phase III addresses Carter and Crabbe Halls. Phase I addressed Kepner and Parsons Halls. Phase II addressed Candelaria Hall and the Heating Plant.							
Upgrade Fire Sprinklers, McKee Building	CCF	\$0	\$996,364	\$0	\$0	\$996,364	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$996,364	\$0	\$0	\$996,364	
The project installs an automatic fire sprinkler system in the McKee Building, which currently has only limited sprinkler coverage in the basement. The university's insurance carrier recommended installing automatic sprinklers in several buildings, including McKee, which contains combustible materials and presents a significant fire hazard. The building also presents concerns with exiting and other code-related issues, which will be mitigated by the sprinkler installation.							
Wireless and Network Infrastructure Upgrade	CCF	\$0	\$2,412,750	\$0	\$0	\$2,412,750	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$2,412,750	\$0	\$0	\$2,412,750	
The project replaces the university's wireless and network infrastructure, including controllers, wireless access points, and switches. The university contends that the existing wireless technology is failing and has reached the end of its useful life.							
Subtotals: University of Northern Colorado		Total	\$45,772,407	\$34,038,503	\$0	\$0	\$79,810,910
		CCF	24,741,668	19,535,574	0	0	44,277,242
		CF	21,030,739	14,502,929	0	0	35,533,668

FY 2016-17 Capital Appropriations Included in 2016 Long Bill (Cont.)

Project Name	Fund Source	Prior Appropriations	FY 2016-17	FY 2017-18	All Future Requests	Total Cost	
<i>Western State Colorado University</i>							
Replace HVAC System, Hurst Hall	CCF	\$0	\$1,651,869	\$0	\$0	\$1,651,869	
	CF	\$0	\$0	\$0	\$0	\$0	
	Total	\$0	\$1,651,869	\$0	\$0	\$1,651,869	
The project replaces and upgrades equipment associated with airflow supply and exhaust in science laboratories. The existing system is out-of-date and some replacement parts are unavailable. The project replaces the pneumatic airflow system with an electronic control exhaust system, new supply and exhaust air valves, and rooftop exhaust fans. The project also installs a high-efficiency evaporative cooling system.							
<i>Subtotals: Western State Colorado University</i>		Total	\$0	\$1,651,869	\$0	\$0	\$1,651,869
		CCF	0	1,651,869	0	0	1,651,869
		CF	0	0	0	0	0
Grand Totals		Total	\$450,095,529	\$239,408,195	\$124,513,085	\$160,384,209	\$973,520,791
		CCF	\$186,380,452	\$114,569,901	\$48,934,484	\$40,574,450	\$389,900,487
		CF	\$263,715,077	\$124,838,294	\$75,578,601	\$119,809,759	\$583,620,304