



**Colorado  
Legislative  
Council  
Staff**

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**MEMORANDUM**

April 3, 2017

**TO:** Members of the General Assembly  
**FROM:** Legislative Council Staff, 303-866-3521  
**SUBJECT:** 2017 Capital Construction Recommendation

**Summary**

This memorandum summarizes the capital construction, controlled maintenance, and capital information technology (IT) project recommendations for FY 2017-18. The projects are included in Senate Bill 17-254, the 2017 Long Bill. The Long Bill includes 62 capital projects totaling \$183.4 million. Transfers to the Capital Construction Fund of \$88.7 million from the General Fund, \$1.0 million from the State Historical Fund, and \$0.5 million from the General Fund Exempt account are required to fully fund the FY 2017-18 capital construction, controlled maintenance, and capital IT recommendations. The recommended transfers are included in Senate Bill 17-263.

**FY 2017-18 Capital Construction and Controlled Maintenance Recommendations**

The Long Bill includes 62 capital projects totaling \$183.4 million. Of this amount, \$91.9 million (50.1 percent) is from state funds and \$91.5 million (49.9 percent) is from cash and federal funds. Of the \$91.9 million recommended in state funds, \$39.3 million (42.7 percent) is allocated to capital construction, \$32.8 million (35.7 percent) to controlled maintenance, and \$19.8 million (21.6 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 2017-18 Capital Construction Long Bill Recommendation**

| <b>Funding Category</b>   | <b># of Projects</b> | <b>CCF</b>          | <b>CF</b>           | <b>FF</b>           | <b>Total Funds</b>   | <b>Percent of Total</b> |
|---|----------------------|---------------------|---------------------|---------------------|----------------------|-------------------------|
| State-funded capital construction   | 9                    | \$39,264,848        | \$1,908,208         | \$0                 | \$41,173,056         | 22.5%                   |
| State-funded controlled maintenance   | 38                   | 32,791,965          | 148,750             | 465,265             | 33,405,980           | 18.2%                   |
| State-funded information technology   | 5                    | 19,855,515          | 0                   | 11,734,476          | 31,589,991           | 17.2%                   |
| Cash-funded capital construction and information technology (includes cash and federal funds) | 10                   | \$0                 | 77,122,471          | 100,000             | 77,222,471           | 42.1%                   |
| <b>Total</b>  | <b>62</b>            | <b>\$91,912,328</b> | <b>\$79,179,429</b> | <b>\$12,299,741</b> | <b>\$183,391,498</b> | <b>100.0%</b>           |

Source: Legislative Council Staff

CCF = Capital Construction Fund; CF = Cash Funds, including the Highway Users Tax Fund; and 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 (OSP) and the Colorado Commission on Higher Education (CCH). During its deliberations about capital project funding, the CDC referenced the January 3, 2017, prioritized funding recommendations made by OSP. The CDC's recommendation modified the priority order of the ten projects recommended for funding by OSP. The CDC also recommended funding for two additional capital construction projects, an additional 15 Level 1 controlled maintenance projects, and 28 Level 2 controlled maintenance projects. In total, the CDC recommended state funding for 75 projects — 8 state department capital construction projects, 3 higher education capital construction projects, 36 Level 1 controlled maintenance projects, and 28 Level 2 controlled maintenance projects.

**Joint Technology Committee recommendations.** For FY 2017-18, the Joint Technology Committee (JTC) considered six state-funded IT projects submitted for consideration by OSP and six IT projects submitted by CCH. Only three state-funded projects were recommended for funding by OSP. The CCH projects were not recommended for funding by OSP. The JTC recommended funding for nine state-funded IT projects, including the three projects recommended for funding by OSP. The JTC also recommended funding one additional state department project, as well as critical portions of five of the CCH projects.

**Projects approved by the JBC.** The Joint Budget Committee (JBC) approved nine of the state-funded projects recommended for funding by the CDC, as well as the 36 Level 1 controlled maintenance projects. The JBC recommended funding five state-funded IT projects recommended for funding by the JTC.

A transfer of \$89.2 million General Fund to the CCF is required to fully fund the JBC recommendation. Of this amount, \$19.9 million will be transferred to the Information Technology Capital Account in the CCF to pay the costs associated with the IT projects.

### Cash-funded Capital Projects

**Capital Development Committee recommendation for cash-funded projects.** The CDC recommended spending authority for nine projects, including \$41.0 million cash and federal funds and \$10.0 million in reappropriated funds. The CDC cash-funded recommendation only includes state department projects because higher education cash-funded projects are reviewed under a separate process by the CDC.

**Joint Technology Committee recommendation for cash-funded projects.** The JTC recommended spending authority for two projects, including \$27.2 million in cash and federal funds.

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

Figure 2 summarizes the revenue identified to fund the capital projects included in the 2017 Long Bill.

**Figure 2  
Proposed Revenue for 2017 Long Bill Capital Projects**

| Amount              | Source   |
|---------------------|--|
| \$716,367           | Capital Construction Fund balance as of July 1, 2016   |
| 91,479,170          | Cash and federal match for various projects  |
| 1,000,000           | FY 2014-15 reversion to Capital Construction Fund from completed project (shown in add-in to 2017 Long Bill) |
| 1,000,000           | Transfer from State Historical Fund to Capital Construction Fund (included in SB 17-263)                     |
| <b>\$94,195,537</b> | <b>Subtotal</b>  |
| 183,391,498         | Cost of all capital projects   |
| <b>\$89,195,961</b> | <b>General Fund transfer included in SB 17-263 to fund capital construction*</b>                             |

Source: Legislative Council Staff

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

**Figure 3**  
**FY 2017-18 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 |
|----------------------------------|----------------------|----------------------|---|---|---|--|--|--|
| <b>State Agency</b>              |                      |                      |   |   |   |  |  |  |
| Agriculture                      | 1                    | \$16,709,078         | 0   | \$0   | 0   | \$0                                      | 1  | \$16,709,078   |
| Corrections                      | 7 (1)                | 21,324,438           | 2 (1)   | 17,098,601                                    | 4   | 3,565,488                                | 1  | 660,000  |
| Education                        | 1                    | 1,322,910            | 0   | 0   | 1   | 1,322,910                                | 0  | 0  |
| History Colorado                 | 2                    | 1,300,185            | 0   | 0   | 1   | 600,185                                  | 1  | 700,000  |
| Human Services                   | 9 (3)                | 33,313,514           | 5 (3)   | 17,584,450                                    | 3   | 2,991,663                                | 1  | \$12,737,401   |
| Labor and Employment             | 1 (1)                | 26,213,480           | 0   | 0   | 0   | 0  | 1 (1)  | 26,213,480   |
| Military and Veterans Affairs    | 2                    | 4,440,180            | 1   | 3,509,650                                     | 1   | 465,265                                  |  | 465,265  |
| Natural Resources                | 4                    | 30,940,400           | 0   | 0   | 0   | 0  | 4  | 30,940,400   |
| Office of Information Technology | 1                    | 10,316,372           | 1   | 10,316,372                                    | 0   | 0  | 0  | 0  |
| Personnel and Administration     | 4                    | 11,484,010           | 1   | 6,069,053                                     | 3   | 5,414,957                                | 0  | 0  |
| Public Health and Environment    | 1 (1)                | 996,588              | 0   | 0   | 0   | 0  | 1 (1)  | 996,588  |
| Public Safety                    | 1                    | 1,535,030            | 1   | 1,535,030                                     | 0   | 0  | 0  | 0  |
| Transportation                   | 1                    | 500,000              | 1   | 500,000                                       | 0   | 0  | 0  | 0  |
| <b>Total State Agencies</b>      | <b>35 (6)</b>        | <b>\$160,396,185</b> | <b>12 (4)</b>   | <b>\$56,613,156</b>                           | <b>13</b>   | <b>\$14,360,468</b>                      | <b>10 (2)</b>  | <b>\$89,422,212</b>                                      |

**Figure 3 (Cont.)  
FY 2017-18 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 |
|--|----------------------|-------------|---|---|---|--|--|--|
| <b>Higher Education Institutions</b>       |                      |             |   |   |   |  |  |  |
| Adams State University                     | 1                    | \$297,095   | 0   | \$0   | 1   | \$297,095                                | 0  | \$0  |
| Auraria Higher Education Center            | 2                    | 664,242     | 0   | 0   | 2   | 664,242                                  | 0  | 0  |
| Colorado Community College System at Lowry | 1                    | 498,036     | 0   | 0   | 1   | 498,036                                  | 0  | 0  |
| Colorado Mesa University                   | 1                    | 300,608     | 0   | 0   | 1   | 300,608                                  | 0  | 0  |
| Colorado School of Mines                   | 3                    | 5,884,666   | 1   | 1,908,207                                     | 2   | 2,068,251                                | 0  | 1,908,208  |
| Colorado State University                  | 2                    | 2,371,440   | 0   | 0   | 2   | 2,371,440                                | 0  | 0  |
| Colorado State University – Pueblo         | 2 (1)                | 1,550,862   | 1 (1)   | 599,000                                       | 1   | 951,862                                  | 0  | 0  |
| Fort Lewis College                         | 1                    | 179,742     | 0   | 0   | 1   | 179,742                                  | 0  | 0  |
| Front Range Community College              | 1                    | 880,198     | 0   | 0   | 1   | 880,198                                  | 0  | 0  |
| Northeastern Junior College                | 2                    | 646,982     | 0   | 0   | 2   | 646,982                                  | 0  | 0  |
| Otero Junior College                       | 1                    | 500,000     | 0   | 0   | 1   | 500,000                                  | 0  | 0  |
| Pikes Peak Community College               | 1                    | 967,621     | 0   | 0   | 1   | 967,621                                  | 0  | 0  |
| Pueblo Community College                   | 1                    | 962,550     | 0   | 0   | 1   | 962,550                                  | 0  | 0  |
| Red Rocks Community College                | 1                    | 995,600     | 0   | 0   | 1   | 995,600                                  | 0  | 0  |
| University of Colorado at Boulder          | 3                    | \$2,110,709 | 0   | \$0   | 3   | \$2,110,709                              | 0  | \$0  |

**Figure 3 (Cont.)**  
**FY 2017-18 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 |
|--|----------------------|----------------------|---|---|---|--|--|--|
| <b>Higher Education Institutions (Cont.)</b> |                      |                      |   |   |   |  |  |  |
| University of Colorado at Colorado Springs   | 1                    | \$701,163            | 0   | \$0   | 1   | \$701,163                                | 0  | \$0  |
| University of Colorado Denver                | 1                    | 723,467              | 0   | 0   | 1   | 723,467                                  | 0  | 0  |
| University of Northern Colorado              | 1                    | 1,611,931            | 0   | 0   | 1   | 1,611,931                                | 0  | 0  |
| Western State Colorado University            | 1                    | 1,148,750            | 0   | 0   | 1   | 1,000,000                                | 0  | 148,750  |
| <b>Total Higher Education</b>                | <b>27 (1)</b>        | <b>\$22,995,662</b>  | <b>2 (1)</b>  | <b>\$2,507,207</b>                            | <b>25</b>   | <b>\$18,431,497</b>                      | <b>0</b>   | <b>\$2,056,958</b>                                       |
| <b>Statewide Total</b>                       | <b>62 (7)</b>        | <b>\$183,391,498</b> | <b>14 (5)</b>   | <b>\$59,120,363</b>                           | <b>38</b>   | <b>\$32,791,965</b>                      | <b>10 (2)</b>  | <b>\$91,479,170</b>                                      |

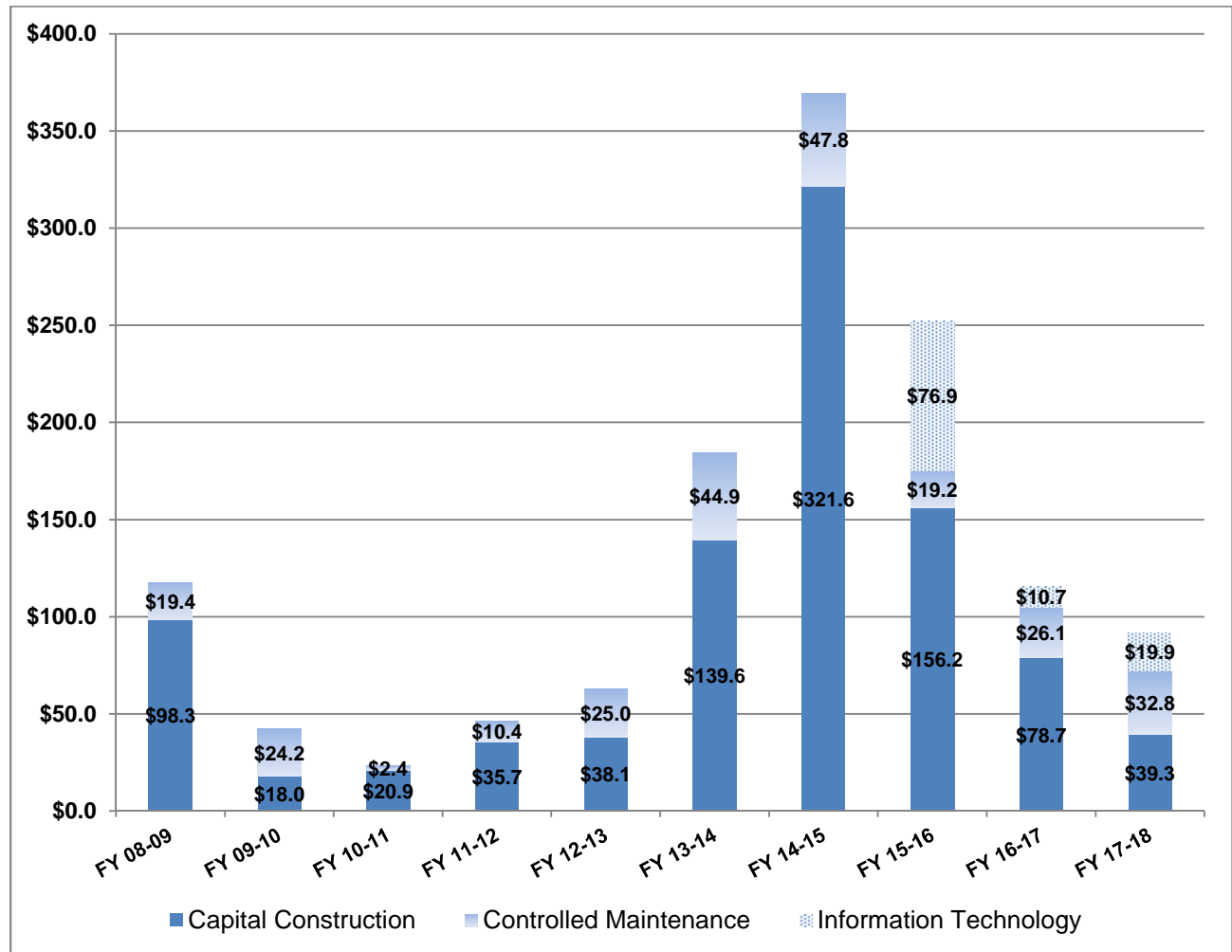
Source: Legislative Council Staff

\*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. Therefore, the Figure 4 capital construction appropriation totals include funding for IT projects for FY 2008-09 through FY 2014-15. The FY 2017-18 recommendation for state-funded capital construction, controlled maintenance, and IT projects is about \$23.7 million less than the amount funded in FY 2016-17.

**Figure 4**  
**Ten-Year Funding History with FY 2017-18 Recommendation**  
**(State Funds Only, \$ in Millions)**



**Attachment A** lists the FY 2017-18 capital projects included in the Long Bill and recommended for funding by the JBC. It 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.





## Capital Projects Included in 2017 Long Bill

Attachment A

Ordered by Agency Name

| CDC | JTC | OSPB   | CHE | Agency                              | Project Title  | CCF        | CF*        | Total      |
|-----|-----|--------|-----|-------------------------------------|--|------------|------------|------------|
| CM  | -   | -      | -   | Adams State University              | Replace Roofs, Fine Arts Building and Planetarium  | \$297,095  | \$0        | \$297,095  |
| CF  | -   | CF     | -   | Agriculture                         | Department Office Consolidation (Phase II)   | 0          | 16,709,078 | 16,709,078 |
| CM  | -   | -      | -   | Auraria Higher Education Center     | Replace Telecom Emergency Power Off System, Arts 191   | 301,774    | 0          | 301,774    |
| CM  | -   | -      | -   | Auraria Higher Education Center     | Replace/Upgrade Fire Alarm Systems, Multiple Buildings   | 362,468    | 0          | 362,468    |
| CM  | -   | -      | -   | Colorado Community Colleges — Lowry | Replace Chiller, Building 903  | 498,036    | 0          | 498,036    |
| CM  | -   | -      | -   | Colorado Mesa University            | Add Electronic Access Control to Nine Buildings  | 300,608    | 0          | 300,608    |
| 6   | -   | 6      | 3   | Colorado School of Mines            | Green Center Roof Replacement (Capital Renewal)  | 1,908,207  | 1,908,208  | 3,816,415  |
| CM  | -   | -      | -   | Colorado School of Mines            | Replace Campus 13,200-volt Switchgear  | 1,049,000  | 0          | 1,049,000  |
| CM  | -   | -      | -   | Colorado School of Mines            | Replace Hazardous Laboratory Fume Controls   | 1,019,251  | 0          | 1,019,251  |
| CM  | -   | -      | -   | Colorado State University           | Install Sprinklers and Repair Emergency Lighting, Administration Building                                  | 431,481    | 0          | 431,481    |
| CM  | -   | -      | -   | Colorado State University           | Replace Mechanical System, Bioenvironmental Research Building  | 1,939,959  | 0          | 1,939,959  |
| -   | 7   | -      | 33  | Colorado State University — Pueblo  | Air Cooling System   | 599,000    | 0          | 599,000    |
| CM  | -   | -      | -   | Colorado State University — Pueblo  | Replace Roof and Exterior Stairs, Two Buildings  | 951,862    | 0          | 951,862    |
| CF  | -   | CF     | -   | Corrections                         | Correctional Industries — Miscellaneous Small Projects   | 0          | 660,000    | 660,000    |
| 9   | -   | 5      | -   | Corrections                         | Hot Water Loop Replacement, Limon Correctional Facility (Capital Renewal)                                  | 4,488,518  | 0          | 4,488,518  |
| -   | 1   | 1 (IT) | -   | Corrections                         | Offender Management Information System (DeCORuM)   | 12,610,083 | 0          | 12,610,083 |
| CM  | -   | -      | -   | Corrections                         | Replace Chiller and HVAC Controls, Trinidad Correctional Facility  | 889,800    | 0          | 889,800    |
| CM  | -   | -      | -   | Corrections                         | Replace Chillers, San Carlos Correctional Facility   | 785,718    | 0          | 785,718    |
| CM  | -   | -      | -   | Corrections                         | Replace Roof, Centennial Correctional Facility   | 1,210,188  | 0          | 1,210,188  |
| CM  | -   | -      | -   | Corrections                         | Replace Segregation Unit Door Fronts, Buena Vista Correctional Facility                                    | 679,782    | 0          | 679,782    |
| CM  | -   | -      | -   | Education                           | Repair/Safety Upgrades to Locker Room, Hubert Work Gymnasium, Colorado School for the Deaf and the Blind   | 1,322,910  | 0          | 1,322,910  |
| CM  | -   | -      | -   | Fort Lewis College                  | Replace Roof and Improve Drainage and Accessibility, Miller Student Services                               | 179,742    | 0          | 179,742    |
| CM  | -   | -      | -   | Front Range Community College       | Replace Chiller and Upgrade Chiller Infrastructure, Westminster Campus                                     | 880,198    | 0          | 880,198    |
| CF  | -   | CF     | -   | History Colorado                    | Regional Museum Preservation Projects  | 0          | 700,000    | 700,000    |
| CM  | -   | -      | -   | History Colorado                    | Stabilize and Repair Baca House, Regrade Site, and Replace Drain   | 600,185    | 0          | 600,185    |
| -   | 2   | 2 (IT) | -   | Human Services                      | Child Welfare Case Management System Upgrade   | 3,374,809  | 3,374,808  | 6,749,617  |
| 2   | -   | 2      | -   | Human Services                      | Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections       | 5,517,550  | 0          | 5,517,550  |
| 4   | -   | 8      | -   | Human Services                      | Hawkins Building L2 Unit, Colorado Mental Health Institute at Pueblo                                       | 5,420,468  | 0          | 5,420,468  |
| -   | 3   | 3 (IT) | -   | Human Services                      | Information Technology Systems Interoperability  | 928,852    | 8,359,668  | 9,288,520  |
| CF  | -   | CF     | -   | Human Services                      | Regional Center Capital Improvements   | 0          | 1,002,925  | 1,002,925  |
| -   | 6   | -      | -   | Human Services                      | Regional Center Electronic Health Record System  | 2,342,771  | 0          | 2,342,771  |
| CM  | -   | -      | -   | Human Services                      | Repair/Replace HVAC Systems in A, B, C, D, and E Buildings, Colorado Mental Health Institute at Fort Logan | 572,914    | 0          | 572,914    |
| CM  | -   | -      | -   | Human Services                      | Repair/Replace Roofs, Colorado Mental Health Institute at Fort Logan                                       | 1,382,279  | 0          | 1,382,279  |
| CM  | -   | -      | -   | Human Services                      | Upgrade Electronic Security Systems, Four Division of Youth Corrections Centers                            | 1,036,470  | 0          | 1,036,470  |

## Capital Projects Included in 2017 Long Bill (Cont.)

Attachment A

*Ordered by Agency Name*

| CDC JTC OSPB CCHE |   |     |     | Agency                                     | Project Title  | CCF          | CF*          | Total         |
|-------------------|---|-----|-----|--|--|--------------|--------------|---------------|
| -                 | 4 | CF  | -   | Labor and Employment                       | Unemployment Insurance Mainframe Migration and Modernization                     | \$0          | \$26,213,480 | \$26,213,480  |
| CM                | - | -   | -   | Military and Veterans Affairs              | Repair Building and Security Systems, Denver Readiness Center                    | 465,265      | 465,265      | 930,530       |
| 11                | - | -   | -   | Military and Veterans Affairs              | Grand Junction Veterans One-Stop Remodel   | 3,509,650    | 0            | 3,509,650     |
| CF                | - | CF  | -   | Natural Resources                          | Infrastructure and Real Property Maintenance, Wildlife Areas                     | 0            | 3,633,200    | 3,633,200     |
| CF                | - | CF  | -   | Natural Resources                          | Land and Water Acquisitions, State Parks   | 0            | 1,400,000    | 1,400,000     |
| CF                | - | CF  | -   | Natural Resources                          | Land and Water Acquisitions, Wildlife Areas                                      | 0            | 9,300,000    | 9,300,000     |
| CF                | - | CF  | -   | Natural Resources                          | Park Infrastructure and Facilities   | 0            | 16,607,200   | 16,607,200    |
| CM                | - | -   | -   | Northeastern Junior College                | Install Electronic Door Access and Camera Systems                                | 525,500      | 0            | 525,500       |
| CM                | - | -   | -   | Northeastern Junior College                | Replace Electrical Transformers  | 121,482      | 0            | 121,482       |
| 3                 | - | 4   | -   | Office of Information Technology           | Public Safety Communications Network Microwave Infrastructure Replacement        | 10,316,372   | 0            | 10,316,372    |
| CM                | - | -   | -   | Otero Junior College                       | Repair/Upgrade Campus Security Access and Electronic Locks                       | 500,000      | 0            | 500,000       |
| CM                | - | -   | -   | Personnel and Administration               | Controlled Maintenance Emergency Account   | 3,000,000    | 0            | 3,000,000     |
| CM                | - | -   | -   | Personnel and Administration               | Fire Alarm System Upgrades, Centennial Building                                  | 1,414,957    | 0            | 1,414,957     |
| 8                 | - | 7   | -   | Personnel and Administration               | Replace/Restore Roof, State Capitol Building                                     | 6,069,053    | 0            | 6,069,053     |
| CF                | - | CF  | -   | Personnel and Administration               | Restore Windows and Granite Exterior, State Capitol Building                     | 0            | 1,000,000    | 1,000,000     |
| CM                | - | -   | -   | Pikes Peak Community College               | Improve Fire Sprinkler Systems, Centennial Campus                                | 967,621      | 0            | 967,621       |
| -                 | 5 | CF  | -   | Public Health and Environment              | Online Permitting System   | 0            | 996,588      | 996,588       |
| 5                 | - | 9   | -   | Public Safety                              | King Air Engine Replacement, Colorado State Patrol                               | 1,535,030    | 0            | 1,535,030     |
| CM                | - | -   | -   | Pueblo Community College                   | Upgrade Building and Common Area Security, Three Campuses                        | 962,550      | 0            | 962,550       |
| CM                | - | -   | -   | Red Rocks Community College                | Install Building Access System and Cameras                                       | 995,600      | 0            | 995,600       |
|                   |   |     |     | Transportation                             | Highway Construction Projects  | 500,000      | 0            | 500,000       |
| CM                | - | -   | -   | University of Colorado at Boulder          | Repair Exterior Concrete, Engineering Center                                     | 650,297      | 0            | 650,297       |
| CM                | - | -   | -   | University of Colorado at Boulder          | Upgrade Fire Sprinklers, Various Buildings                                       | 98,316       | 0            | 98,316        |
| CM                | - | -   | -   | University of Colorado at Boulder          | Upgrade Fire Sprinklers and HVAC, Education Building                             | 1,362,096    | 0            | 1,362,096     |
| CM                | - | -   | -   | University of Colorado at Colorado Springs | Install Fire Sprinklers, Library, El Pomar Center, and Campus Services Buildings | 701,163      | 0            | 701,163       |
| CM                | - | -   | -   | University of Colorado Denver              | Replace Electrical Switchgear, Building 500                                      | 723,467      | 0            | 723,467       |
| CM                | - | -   | -   | University of Northern Colorado            | Upgrade Fire Sprinklers, Frasier and Gunter Buildings                            | 1,611,931    | 0            | 1,611,931     |
| 7                 | - | SUP | SUP | Western State Colorado University          | Paul Wright Gymnasium Steam Heating System Replacement                           | 1,000,000    | 148,750      | 1,148,750     |
| Totals            |   |     |     |  |  | \$90,912,328 | \$92,479,170 | \$183,391,498 |

Prioritization information is shown for the CDC: Capital Development Committee (out of 10 state-funded projects, including Level 1 controlled maintenance); JTC: Joint Technology Committee (out of 11 IT projects); OSPB: Governor's Office of State Planning and Budgeting (out of 47 state-funded projects and 3 IT projects); and CCHE: Colorado Commission on Higher Education (out of 32 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.

SUP = Recommended for funding as a FY 2016-17 supplemental request.

## Description of Capital Construction Projects Included in 2017 Long Bill

*Listed in Alphabetical Order, by State Department or Higher Education Institution*

| Project Title   | Fund Source | Amount       |
|---|-------------|--------------|
| <b>State Departments</b>  |             |              |
| <b>Agriculture</b>  |             |              |
| <i>Department Office Consolidation (Phase II)</i>   | CF          | \$6,709,078  |
|   | RF          | \$10,000,000 |
| <p>The project constructs a 25,166-GSF storage and lab facility adjacent to the Colorado Department of Agriculture headquarters building in Broomfield in order to relocate warehouse storage, and the biochemistry, Rocky Mountain Animal Health, and metrology laboratories. The project also finishes office space in the headquarters building for lab employees. The new facility will complete the consolidation of the department's metro area offices, which began with the purchase and renovation of the Broomfield headquarters building in 2014.</p>  |             |              |
| <b>Colorado Historical Society (History Colorado)</b>   |             |              |
| <i>Stabilize and Repair Baca House, Regrade Site, and Replace Drain</i>   | CCF         | \$600,185    |
| <p>The project makes repairs to the south foundation wall of the porch structure on the Baca House. The project addresses concerns identified in a structural assessment completed in May 2016. The project also redirects water away from the south side of the porch and repairs settlement cracks in the adobe walls of the house. <i>(Score 5 controlled maintenance.)</i></p>  |             |              |
| <b>Corrections</b>  |             |              |
| <i>Correctional Industries – Miscellaneous Small Projects</i>   | CF          | \$660,000    |
| <p>The project completes various small projects to support the operation of Colorado Correctional Industries (CCi). This is an ongoing request that allows the department to expand CCi where needed or to maintain current operations. The department lists expansion of production space at the East Canon City Prison Complex as a possible project in FY 2017-18.</p>   |             |              |
| <i>Hot Water Loop Replacement, Limon Correctional Facility (Capital Renewal)</i>  | CCF         | \$4,488,518  |
| <p>The capital renewal project repairs or replaces numerous components of the hot water loop system delivering heat and hot water to the Limon Correctional Facility from a plant located outside the facility. The department says system components are failing, resulting in leaks, which requires shutdown of the system and subsequent loss of hot water and heat in the facility for extended periods.</p>  |             |              |
| <i>Offender Management Information System</i>   | CCF         | \$12,610,083 |
| <p>This request funds the third phase of a three-phase project to replace a legacy computer system with a new electronic offender management system (OMS) to track and record offender data from admission until an offender is released from parole. The department says the system will improve and enhance information sharing and case management in order to reduce recidivism. This year's request for Phase III replaces the parole and community Colorado Web-based Integrated Support Environment (C-WISE) system, the parole electronic system, and approximately sixteen modules to complete a fully integrated OMS.</p> |             |              |
| <i>Replace Chiller and HVAC Controls, Trinidad Correctional Facility</i>  | CCF         | \$889,800    |
| <p>The project replaces one of the facility's two chillers and the HVAC system. One of the facility's chillers was replaced in 2011, and the department says the impending failure of the other chiller will require it to rent a temporary chiller unless the deficient unit is replaced. The HVAC system experiences failures resulting in temperature swings in the buildings; the project replaces the manual HVAC system with an automated system. <i>(Score 10 controlled maintenance.)</i></p>   |             |              |
| <i>Replace Chillers, San Carlos Correctional Facility</i>   | CCF         | \$785,718    |
| <p>The request replaces two chillers in order to address failing and aging equipment and to provide redundancy to the cooling system. The system is used to cool areas that house the most mentally ill offenders in the corrections system and if the system fails, the housing unit would be closed in the summer months, which would lead to a shortage in available beds for this population. <i>(Score 2 controlled maintenance.)</i></p>  |             |              |

| <b>Project Title</b>   | <b>Fund Source</b> | <b>Amount</b>              |
|--|--------------------|----------------------------|
| <i>Replace Roof, Centennial Correctional Facility</i>  | CCF                | \$1,210,188                |
| The project replaces the roof on Housing Units A through G at the Centennial Correctional Facility. The roof is almost 40 years old and water is leaking into cells, many of which are at risk of being closed, according to the department. The project replaces the existing roof with an R-20 insulated asphalt built-up roof. (Score 8 controlled maintenance.)  |                    |                            |
| <i>Replace Segregation Unit Door Fronts, Buena Vista Correctional Facility</i>   | CCF                | \$679,782                  |
| The project replaces 18 cell doors at the facility. The cells have been converted to administrative segregation units and the open-grille door fronts need to be replaced with concrete block, steel sliding doors with vision panels and pneumatic controls. (Score 5 controlled maintenance.)  |                    |                            |
| <b>Education</b>   |                    |                            |
| <i>Repair/Safety Upgrades to Locker Room, Hubert Work Gymnasium, Colorado School for the Deaf and the Blind</i>  | CCF                | \$1,322,910                |
| The project replaces group showers with individual student showers, builds a separate shower area for staff, updates surfaces and equipment to make them more cleanable, upgrades the ventilation system, and removes steam radiators that pose a risk of contact burns. The school says the locker rooms do not provide privacy and do not comply with ADA and other code requirements. (Score 6 controlled maintenance.)   |                    |                            |
| <b>Human Services</b>  |                    |                            |
| <i>Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections</i>  | CCF                | \$5,517,550                |
| The six-phase project addresses safety and self-harm risks in 12 Division of Youth Corrections facilities. This year's request for Phase IV addresses repairs in three facilities: Lookout Mountain, Pueblo, and Zebulon Pike.   |                    |                            |
| <i>Hawkins Building L2 Unit, Colorado Mental Health Institute at Pueblo</i>  | CCF                | \$5,420,468                |
| The project constructs a 11,475 square foot addition to the Hawkins Building, formerly known as the High Security Forensics Institute, on the CMHIP campus. The addition adds a 24-bed wing to the building in order to increase the department's capacity to treat pretrial detainees and to relocate the patients housed on the E2DW unit.   |                    |                            |
| <i>Interoperability</i>  | CCF<br>FF          | \$928,852<br>\$8,359,668   |
| The project standardizes existing IT systems under an interoperability environment by allowing the systems to exchange information through interfaces. Without removing the data from the core system, the project adds necessary technology components, security, and governance while allowing the data to be available to users. The department requests a combination of state funds and federal funds spending authority for the third year of a five-year project. |                    |                            |
| <i>Modernizing the Child Welfare Case Management System</i>  | CCF<br>FF          | \$3,374,809<br>\$3,374,808 |
| The project enhances and modernizes Colorado's current statewide Automated Child Welfare Information System (SACWIS), also known as Trails, and its associated infrastructure. Project goals include modernizing SACWIS to accommodate changing child welfare practices by enabling faster implementation of system modifications.   |                    |                            |
| <i>Regional Center Capital Improvements</i>  | CF                 | \$1,002,925                |
| 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.  |                    |                            |
| <i>Regional Centers Electronic Health Record System</i>  | CCF                | \$2,342,771                |
| The project implements an electronic health record system for the Department of Human Services' regional centers. The project also installs wireless and network infrastructure, along with personal computers, tablets, and scanners.   |                    |                            |

| <b>Project Title</b>  | <b>Fund Source</b> | <b>Amount</b>          |
|---|--------------------|------------------------|
| <i>Repair/Replace HVAC Systems in A, B, C, D, and E Buildings, Colorado Mental Health Institute at Fort Logan</i>   | CCF                | \$572,914              |
| <p>The three-phase project replaces air handlers, chillers, and associated equipment in five buildings to address concerns with antiquated and poorly functioning equipment. Much of this equipment is original to the buildings' construction in 1963. The buildings have no operable windows and there are no backup systems in place if the systems fail. This year's request for Phase II will address Building B. Phase I replaced equipment in Buildings A, C, and D. Phase III will address Building E. (Score 10 controlled maintenance.)</p>   |                    |                        |
| <i>Repair/Replace Roofs, Colorado Mental Health Institute at Fort Logan (third cycle)</i>   | CCF                | \$1,382,279            |
| <p>The three-phase project continues funding for roof replacements on the Fort Logan Campus to address leaks. Earlier controlled maintenance projects have funded roof repairs elsewhere on campus. This request addresses seven buildings in the K-Complex, many of which are linked with covered walkways. This year's request for Phase II repairs two buildings. Phase I addressed two buildings and Phase III will complete repairs to the final three roofs in the complex. (Score 8 controlled maintenance.)</p>   |                    |                        |
| <i>Upgrade Electronic Security Systems, Four Division of Youth Corrections Centers</i>  | CCF                | \$1,036,470            |
| <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. The facilities have 50-year old technology and component parts are difficult to acquire. Additional security concerns include old cameras, blind spots, and manual locks. This year's request for Phase II installs a new system at Grand Mesa Youth Services Center (YSC). Phase I and III upgrade systems at Gilliam, Pueblo, and Zebulon Pike YSC. The department received funding in each year from FY 2010-11 through FY 2015-16 to replace systems at six other youth services centers. (Score 4 controlled maintenance.)</p> |                    |                        |
| <b>Labor and Employment</b>   |                    |                        |
| <i>Unemployment Insurance Mainframe Migration and Modernization</i>   | CF                 | \$26,213,480           |
| <p>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 second year of funding.</p>  |                    |                        |
| <b>Military and Veterans Affairs</b>  |                    |                        |
| <i>Grand Junction Veterans One-Stop Remodel</i>   | CCF                | \$3,509,650            |
| <p>The project renovates 14,545 GSF in the vacant Grand Junction Army National Guard Armory to allow the department and the facility to host several veterans service providers offering services to Western Slope veterans in a single location. The department plans to lease space in the renovated facility to these providers to cover some of its operating costs.</p>  |                    |                        |
| <i>Repair Building and Security Systems, Denver Readiness Center</i>  | CCF<br>FF          | \$465,265<br>\$465,265 |
| <p>The project makes a number of repairs to the Denver Readiness Center, including upgrades to the HVAC, plumbing, and roofing systems. It also makes improvements to the exterior masonry and perimeter fencing. Finally, the project makes fire safety improvements such as adding fire-rated doors, an explosion-proof exhaust fan, and a new fire alarm/mass notification system. (Score 8 controlled maintenance.)</p>   |                    |                        |
| <b>Natural Resources — Parks and Wildlife</b>   |                    |                        |
| <i>Infrastructure and Real Property Maintenance, Wildlife Areas</i>   | CF                 | \$3,633,200            |
| <p>The project funds improvements or replacements to existing wildlife facilities statewide. This year's request commits \$1,420,000 to fund dam maintenance activities statewide and \$2,213,200 to address 21 maintenance and repair projects. According to the division, funding for ongoing maintenance needs at its facilities statewide is essential to meeting critical goals, such as providing hunting and fishing recreation in Colorado.</p>   |                    |                        |
| <i>Land and Water Acquisitions, State Parks</i>   | CF                 | \$1,400,000            |
| <p>The project purchases lands adjacent to or within state parks to provide a buffer between park lands and new development, and acquires water for recreational purposes at various state parks. This year's request addresses acquisitions for two programs: the Water Resources Program and the Property Acquisition Program. CPW says that it engages in an ongoing effort to acquire water for recreational purposes at certain parks. It also acquires land on an ongoing, annual basis. However, land acquisitions are often opportunistic in nature, and are pursued according to a prioritized list of buffers around and in-holdings within existing state parks.</p>                                     |                    |                        |

| <b>Project Title</b>  | <b>Fund Source</b> | <b>Amount</b>             |
|---|--------------------|---------------------------|
| <i>Land and Water Acquisitions, Wildlife Areas</i>  | CF                 | \$9,300,000               |
| <p>The project funds the acquisition of interests in real property through a competitive bidding process. The purpose of the ongoing request is to protect, preserve, enhance, and manage wildlife habitat for the use, benefit, and enjoyment of the people of Colorado and its visitors. In addition to protecting critical wildlife habitat for game species, CPW's efforts also include protecting and maintaining the habitat and population of a variety of non-game species. Under Parks and Wildlife Commission policy, the purchase of easements is preferred over fee title purchases.</p>  |                    |                           |
| <i>Park Infrastructure and Facilities</i>   | CF<br>HUTF         | \$16,307,200<br>\$300,000 |
| <p>The project maintains, restores, and improves park facilities and infrastructure. This request includes consulting services, dam maintenance, and 17 infrastructure projects. The division says the ongoing project is necessary to keep its recreational facilities well-maintained in order to meet its statutory charge to promote outdoor recreation, and to protect public health and safety.</p>   |                    |                           |
| <b>Office of Information Technology</b>   |                    |                           |
| <i>Public Safety Communications Network Microwave Infrastructure Replacement</i>  | CCF                | \$10,316,372              |
| <p>The multi-year project replaces the statewide microwave public safety communications system with a system that creates more communication safeguards through redundancies. The microwave system provides connectivity between the Digital Trunked Radio System (DTRS) transmitter sites. The request addresses all of the equipment associated with the operation of the microwave transmitter system. The project is financed through a lease-purchase agreement and includes out-year equipment upgrades. The project replaces equipment region by region. This year's request replaces sites in the Denver Metro area (Ring 5, 6 backbone sites).</p>   |                    |                           |
| <b>Personnel and Administration</b>   |                    |                           |
| <i>Controlled Maintenance Emergency Account</i>   | CCF                | \$3,000,000               |
| <p>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. <i>(Score 1 controlled maintenance.)</i></p> |                    |                           |
| <i>Fire Alarm System Upgrades, Centennial Building</i>  | CCF                | \$1,414,957               |
| <p>The project replaces the fire system, smoke detection system, and fire pumps in the Centennial Building. The systems and pumps are outdated and unreliable, do not meet current National Fire Protection Association codes, and cannot be maintained. Because the system is about 40 years old, repair parts are no longer available and specific zones cannot be disabled. <i>(Score 5 controlled maintenance.)</i></p>   |                    |                           |
| <i>Replace/Restore Roof, State Capitol Building</i>   | CCF                | \$6,069,053               |
| <p>The three-phase project repairs portions of the State Capitol roof and its associated infrastructure. This year's request for Phase III finishes abating asbestos-containing materials, completes roof repairs and skylight restoration, and relines the gutters.</p>  |                    |                           |
| <i>Restore Windows and Granite Exterior, State Capitol Building</i>   | CCF                | \$1,000,000               |
| <p>The four-phase controlled maintenance project restores the double-hung wooden windows and granite-clad portions of the exterior of the State Capitol. This year's request for Phase II makes repairs to the south side of the building.</p>  |                    |                           |
| <b>Public Health and Environment</b>  |                    |                           |
| <i>Customer Interface for a Lean Environment Online Permitting System</i>   | CF<br>FF           | \$896,588<br>\$100,000    |
| <p>The project implements an online permitting system for environmental programs. The department plans to use a vendor-hosted, web-based system that allows customers and the department to interact via a new online submission system. The department has purchased an off-the-shelf product (GovOnline) which it plans to customize for the department's separate permit-related processes.</p>  |                    |                           |

| Project Title  | Fund Source | Amount      |
|--|-------------|-------------|
| <b>Public Safety</b>   |             |             |
| <i>King Air Aircraft Engine Replacement, Colorado State Patrol</i>   | CCF         | \$1,535,030 |
| <p>The project overhauls or replaces the engines on the Colorado State Patrol King Air aircraft, and performs associated inspections and equipment replacements to maintain the aircraft's airworthiness under federal aviation regulations. The twin-engine aircraft is used for transport of officials from the Governor's Office and other agencies. Failure to conduct the inspections and systems overhaul will result in the grounding of the aircraft.</p>  |             |             |
| <b>Transportation</b>  |             |             |
| <i>Highway Construction Projects</i>   | GF          | \$500,000   |
| <p>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 2017-18. None were recommended by the CDC. However, the JBC recommended \$500,000 for state highway projects from General Fund Exempt moneys.</p>  |             |             |
| <b>Higher Education</b>  |             |             |
| <b>Adams State University</b>  |             |             |
| <i>Replace Roofs, Fine Arts Building and Planetarium</i>   | CCF         | \$297,095   |
| <p>The two-phase project replaces roofs that have reached the end of their useful life and show signs of deterioration. This year's request for Phase I replaces the saw-toothed area of the Fine Arts Building with a single ply membrane. Phase II will replace flat sloped areas of the planetarium roof and the Porter Hall roof with a single ply membrane. <i>(Score 10 controlled maintenance.)</i></p> <p><b>Funding history.</b> Two earlier controlled maintenance projects were requested to complete the roof replacements and part of the Fine Arts Building roof was replaced. However, funding for one request was partially rescinded and the other request was not funded. The project has since been rescoped.</p> |             |             |
| <b>Auraria Higher Education Center</b>   |             |             |
| <i>Replace Telecom Emergency Power Off System, Arts 191</i>  | CCF         | \$301,774   |
| <p>The two-phase project replaces the emergency power off (EPO) system for the campus telecom system and an associated air conditioning system. The existing air conditioning unit is 30 years old, undersized, and is beyond its useful service life. This year's request for Phase I addresses the computer room air conditioning system. Phase II will address the undersized EPO system and install a natural gas generator. <i>(Score 10 controlled maintenance.)</i></p>   |             |             |
| <i>Replace/Upgrade Fire Alarm Systems, Multiple Buildings</i>  | CCF         | \$362,468   |
| <p>The three-phase project upgrades the fire alarm systems in several buildings with code-compliant equipment that is compatible with and can be monitored through the campus fire alarm network system. A previously funded controlled maintenance request replaced the fire alarm systems in five other buildings. This year's request for Phase II replaces the fire alarm system in the Facility Services Building and the 9th Street Houses. Phase I addressed the Plaza Building and Phase III will address the Boulder Creek Building. <i>(Score 5 controlled maintenance.)</i></p>   |             |             |
| <b>Colorado Community Colleges — Lowry</b>   |             |             |
| <i>Replace Chiller, Building 903</i>   | CCF         | \$498,036   |
| <p>The project replaces the chiller and associated pumps in Building 903, originally installed in 1998. The chiller is no longer manufactured and replacement parts are difficult to obtain. The equipment is unreliable and does not maintain an acceptable temperature during hot summer months, which, in the past, has lead the college to cancel classes until repair work is completed. <i>(Score 8 controlled maintenance.)</i></p>   |             |             |

| <b>Project Title</b>  | <b>Fund Source</b> | <b>Amount</b> |
|---|--------------------|---------------|
| <b>Colorado Historical Society (History Colorado)</b>   |                    |               |
| <i>Regional Museum Preservation Projects</i>  | CF                 | \$700,000     |
| 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>Colorado Mesa University</b>   |                    |               |
| <i>Add Electronic Access Control to Nine Buildings</i>  | CCF                | \$300,608     |
| The project adds electronic access control to the exterior of nine buildings in order to allow after hour access for permitted individuals, including students. The remaining campus buildings already have access control on the exterior doors. (Score 4 controlled maintenance.)   |                    |               |
| <b>Colorado School of Mines</b>   |                    |               |
| <i>Green Center Roof Replacement (Capital Renewal)</i>  | CCF                | \$1,908,207   |
|   | CF                 | \$1,908,208   |
| The two-phase project makes improvements to the two-story, 158,000-GSF Green Center to replace the roof, abate asbestos, and upgrade mechanical systems. This is a capital renewal request.   |                    |               |
| <i>Replace Campus 13,200-volt Switchgear</i>  | CCF                | \$1,049,000   |
| The project replaces the primary campus switchgear with new equipment. The switchgear is the campus' single point of connection for incoming electrical power and replacing it will provide reliable power to campus. The existing switchgear is over 32 years old and a component of the switchgear recently failed. (Score 10 controlled maintenance.)  |                    |               |
| <i>Replace Hazardous Laboratory Fume Controls</i>   | CCF                | \$1,019,251   |
| The four-phase project replaces fume hoods, variable air volume units, chillers, and air handler control units to ensure the safe removal of hazardous fumes in on-campus laboratories in four buildings. The project also replaces the software used to operate the control units. The controls and software used to manage fume ventilation are obsolete and the parts are no longer produced or supported by the manufacturer. This year's request for Phase III replaces the controls and software in Hill Hall. Phases I and II addressed Anderson and Coolbaugh Halls. Phase IV will address Berthoud Hall. (Score 5 controlled maintenance.) |                    |               |
| <b>Colorado State University</b>  |                    |               |
| <i>Install Sprinklers and Repair Emergency Lighting, Administration Building</i>  | CCF                | \$431,481     |
| The project installs automatic fire sprinklers in the building atrium and updates the existing building-wide fire detection system. The building contains areas unprotected by sprinklers, which presents a safety hazard to staff and visitors. Also, the emergency lighting system does not meet code requirements. (Score 10 controlled maintenance.)  |                    |               |
| <i>Replace Mechanical System, Bioenvironmental Research Building</i>  | CCF                | \$1,939,959   |
| The project installs a new HVAC system in the Bioenvironmental Research Building, which is a biosafety level-3 laboratory. Laboratories of this security level no longer use the type of HVAC system found in the building. In addition, the system's controls are outdated to the point that the manufacturer stopped supporting them in 2012, and replacement parts and software are no longer available. (Score 8 controlled maintenance.)   |                    |               |
| <b>Colorado State University — Pueblo</b>   |                    |               |
| <i>Air Cooling System</i>   | CCF                | \$599,000     |
| The project upgrades the existing IT data center to serve as a secondary back-up, fail-over data center for the campus. Specifically, the upgrades include a new air cooling system. The university received state funding for a new modular data center in FY 2015-16.   |                    |               |



| <b>Project Title</b>   | <b>Fund Source</b> | <b>Amount</b> |
|--|--------------------|---------------|
| <i>Replace Roof and Exterior Stairs, Two Buildings</i>   | CCF                | \$951,862     |
| <p>The project replaces roofs in the Arts/Music Building and Hoag Hall and repairs exterior concrete stairs at the north wing of the Arts/Music Building. The roofs leak, causing event cancellations and damage to furniture and equipment. The exterior stairs have deteriorated, causing chunks of concrete to fall off. <i>(Score 10 controlled maintenance.)</i></p>  |                    |               |
| <b>Fort Lewis College</b>  |                    |               |
| <i>Replace Roof and Improve Drainage and Accessibility, Miller Student Services</i>  | CCF                | \$179,742     |
| <p>The two-phase project makes improvements to the drainage around the Miller Student Services building, replaces adjacent sidewalks to address ADA accessibility concerns, and replaces the roof of the building. Poor drainage conditions currently lead to water infiltration in the building and the sidewalks were constructed before ADA guidelines were established. This year's request for Phase I installs drainage infrastructure, a waterproofing system around the building, and sidewalks. Phase II will install a new code compliant metal roof system. <i>(Score 10 controlled maintenance.)</i></p> |                    |               |
| <b>Front Range Community College</b>   |                    |               |
| <i>Replace Chiller and Upgrade Chiller Infrastructure, Westminster Campus</i>  | CCF                | \$880,198     |
| <p>The project replaces one chiller and its associated components to accommodate an increase in student enrollment and associated electronic equipment. The current building cooling load exceeds the capability of the original system installed in 1996. If the system fails in the hot summer months, it could lead to a loss of use until repairs are completed or the temperatures drop. <i>(Score 8 controlled maintenance.)</i></p>   |                    |               |
| <b>Northeastern Junior College</b>   |                    |               |
| <i>Install Electronic Door Access and Camera Systems</i>   | CCF                | \$525,500     |
| <p>The two-phase project replaces the existing door locking system with an electronic access control system and installs a camera system to monitor public areas such as parking lots and entrances to academic buildings. According to the college, its facility staff uses an allen wrench to unlock and lock the buildings on campus each day. This situation poses a security risk in the event of an emergency. This year's request for Phase II installs the camera system. Phase I replaced the door locking system. <i>(Score 4 controlled maintenance.)</i></p>   |                    |               |
| <i>Replace Electrical Transformers</i>   | CCF                | \$121,482     |
| <p>The two-phase project replaces the main electrical transformers in five buildings on campus. The transformers are beyond their useful life and one recent failure caused a power outage that affected several buildings on the east side of campus. Recent weather-related events highlighted additional problems with the campus electrical loop, requiring an additional phase. This year's request for Phase II addresses the electrical loop issues. Phase I replaced the transformers. <i>(Score 10 controlled maintenance.)</i></p>   |                    |               |
| <b>Otero Junior College</b>  |                    |               |
| <i>Repair/Upgrade Campus Security Access and Electronic Locks</i>  | CCF                | \$500,000     |
| <p>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. <i>(Score 4 controlled maintenance.)</i></p>  |                    |               |
| <b>Pikes Peak Community College</b>  |                    |               |
| <i>Improve Fire Sprinkler Systems, Centennial Campus</i>   | CCF                | \$967,621     |
| <p>The project makes improvements to the fire sprinkler systems in the Aspen and Breckenridge Buildings on the Centennial Campus. The Aspen and Breckenridge Buildings no longer meet the code requirements for fire safety. <i>(Score 4 controlled maintenance.)</i></p>  |                    |               |
| <b>Pueblo Community College</b>  |                    |               |
| <i>Upgrade Building and Common Area Security, Three Campuses</i>   | CCF                | \$962,550     |
| <p>The two-phase project replaces all mechanical door locks with an electronic locking system in order to improve security on the Pueblo, Canon City, and Mancos campuses. The existing locks and doors are over 30 years old. This year's request for Phase II replaces interior door locks. Phase I replaced critical exterior door locks. <i>(Score 4 controlled maintenance.)</i></p>  |                    |               |

| <b>Project Title</b>  | <b>Fund Source</b> | <b>Amount</b> |
|---|--------------------|---------------|
| <b>Red Rocks Community College</b>  |                    |               |
| <i>Install Building Access System and Cameras</i>   | CCF                | \$995,600     |
| The project updates the existing security at the Lakewood Campus to improve door controls and to install security cameras in strategic locations. The campus has over 100 exterior doors and no security cameras. In a recent lock-down drill, it took staff 45 minutes to lock down the campus because of the poor door controls. <i>(Score 4 controlled maintenance.)</i>   |                    |               |
| <b>University of Colorado at Boulder</b>  |                    |               |
| <i>Repair Exterior Concrete, Engineering Center</i>   | CCF                | \$650,297     |
| The project repairs the concrete on the exterior of the Engineering Center Building, with particular attention to the areas below windows and the underside of a bridge connecting the building to the Engineering Center Tower. The concrete is cracking and spalling in areas where embedded anchor bolts have rusted, causing the concrete to dislodge. Some of the damage has been caused by water intrusion. <i>(Score 8 controlled maintenance.)</i>  |                    |               |
| <i>Upgrade Fire Sprinklers and HVAC, Education Building</i>   | CCF                | \$1,362,096   |
| The three-phase project installs a fire sprinkler system and renovates the HVAC system to address life-safety and code issues. The HVAC system uses hallways and stairwells for the system's return air, and vents have been installed between rooms and the halls for additional return air. This arrangement is not compliant with building codes and, coupled with the lack of fire sprinkler protection, may be hazardous in the event of a fire. This year's request for Phase I designs the project, demolishes ceilings, and installs HVAC and some sprinkler system components. <i>(Score 10 controlled maintenance.)</i> |                    |               |
| <i>Upgrade Fire Sprinklers, Various Buildings</i>   | CCF                | \$98,316      |
| The five-phase project provides fire sprinkler coverage in nine buildings on campus that were built at a time when no fire or life-safety codes were in effect. This year's request for Phase IV addresses the Fiske Building. A previously-funded request, completed in 2008, made similar upgrades to other buildings on campus. <i>(Score 4 controlled maintenance.)</i>   |                    |               |
| <b>University of Colorado at Colorado Springs</b>   |                    |               |
| <i>Install Fire Sprinklers, Library, El Pomar Center, and Campus Services Buildings</i>   | CCF                | \$701,163     |
| The two-phase project installs automatic fire sprinkler systems in three buildings in order to address concerns raised by the university's property insurance carrier. This year's request for Phase I installs sprinklers in the library and the El Pomar Center, which houses the IT department. Phase II will install sprinklers in the Campus Services Building, which houses the Facilities Services Department. <i>(Score 5 controlled maintenance.)</i>  |                    |               |
| <b>University of Colorado Denver</b>  |                    |               |
| <i>Replace Electrical Switchgear, Building 500</i>  | CCF                | \$723,467     |
| The three-phase project replaces the equipment associated with the three electrical substations that provide power to Building 500. The substations are located outside in a secured fenced area and have reached the end of their useful life due to environmental exposure. The new equipment will be rainproof and suitable for outdoor use. Each phase will replace one substation. <i>(Score 6 controlled maintenance.)</i>  |                    |               |
| <b>University of Northern Colorado</b>  |                    |               |
| <i>Upgrade Fire Sprinklers, Frasier and Gunter Buildings</i>  | CCF                | \$1,611,931   |
| The two-phase project installs automatic fire sprinkler systems in two buildings in order to address concerns raised by the university's property insurance carrier. A previously funded controlled maintenance project installed sprinklers in six other buildings on campus. This year's request for Phase I installs sprinklers in Frasier Hall and Phase II will install sprinklers in Gunter Hall. <i>(Score 5 controlled maintenance.)</i>  |                    |               |

| <b>Project Title</b> | <b>Fund Source</b> | <b>Amount</b> |
|----------------------|--------------------|---------------|
|----------------------|--------------------|---------------|

***Western State Colorado University***

|   |     |             |
|---|-----|-------------|
| <i>Paul Wright Gymnasium Steam Heating System Replacement</i> | CCF | \$1,000,000 |
|   | CF  | \$148,750   |

The controlled maintenance project replaces the heating system in the 84,521-square-foot Paul Wright Gymnasium. The existing heating system was damaged by exposure to salt contamination from the pool heating system. The project converts the steam heating system to a hydronic heat delivery system and installs new boilers, piping, cabinet unit heaters, and controls.

|                                    |                             |
|------------------------------------|-----------------------------|
| <b><i>Total Request Amount</i></b> | <b><i>\$183,391,498</i></b> |
| CCF                                | 91,912,328                  |
| RF                                 | 10,000,000                  |
| CF                                 | 69,179,429                  |
| FF                                 | 12,299,741                  |