

# Table of Contents

## Higher Education Institutions

### Adams State University

East Campus Renovation. . . . .	1
Five-Year Projection of Need.. . . .	5

### Auraria Higher Education Center

Auraria Library Renovation. . . . .	7
Five-Year Projection of Need.. . . .	11

### Colorado Community Colleges System

Health Professions and Science Building, Arvada Campus, <i>Red Rocks</i> <i>Community College</i> . . . . .	13
Science and Health Lab Renovation, <i>Arapahoe Community College</i> . . . . .	17
Allied Health and Nursing Building, Larimer Campus, <i>Front Range Community</i> <i>College</i> .. . . .	21
Student Learning Commons and Theater, Downtown Studio Campus, <i>Pikes Peak</i> <i>Community College</i> . . . . .	25
New Valley Campus Facility, <i>Trinidad State Junior College</i> . . . . .	29
Agriculture Science Program Remodel, <i>Otero Junior College</i> . . . . .	33
Central Plant Upgrade, Westminster Campus (Capital Renewal Project), <i>Front</i> <i>Range Community College</i> . . . . .	37
Two-Year Projection of Cash Need, <i>Pikes Peak Community College</i> .. . . .	41
Five-Year Projection of Need, <i>Colorado Community Colleges System</i> .. . . .	43

### Colorado Mesa University

Tomlinson Library Addition and Renovation.. . . . .	51
Health Sciences Department Remodel. . . . .	55
Combined Cooling, Heating, and Power System. . . . .	59
Two-Year Projection of Cash Need. . . . .	63

### Colorado School of Mines

Meyer Hall Replacement. . . . .	65
Heating Plant Renovation (Capital Renewal Project).. . . . .	69
Five-Year Projection of Need.. . . .	73

## Table of Contents

### Higher Education Institutions

#### Colorado State University System

Chemistry Building Addition. . . . .	75
Animal Sciences Building Renovation and Expansion, Phase II. . . . .	79
Psychology Building Renovation and Addition, <i>Pueblo Campus</i> . . . . .	83
Engineering II Building, Shell Space. . . . .	87
Warner College of Natural Resources Addition. . . . .	91
Shepardson Building Renovation and Expansion. . . . .	95
Center for Agricultural Education. . . . .	99
San Luis Valley Research Center. . . . .	103
Two-Year Projection of Cash Need. . . . .	107
Five-Year Projection of Need. . . . .	109

#### Fort Lewis College

Berndt Hall Reconstruction — Geosciences, Physics, and Engineering. . . . .	111
Five-Year Projection of Need. . . . .	115

#### Metropolitan State University of Denver

Aviation, Aerospace, and Advanced Manufacturing Building. . . . .	117
---	-----

#### University of Colorado System

Various Projects at the Anschutz Medical Campus (formerly Fitzsimons) (COP Project), <i>Anschutz Medical Campus</i> . . . . .	121
Ketchum Arts and Science Building (Capital Renewal Project), <i>Boulder Campus</i> . . . . .	123
Visual and Performing Arts Complex, <i>Colorado Springs Campus</i> . . . . .	127
North Classroom Building Renovation (Capital Renewal Project), <i>Denver Campus</i> . . . . .	131
Aerospace and Energy Systems Building, <i>Boulder Campus</i> . . . . .	135
Interdisciplinary Building, <i>Anschutz Medical Campus</i> . . . . .	139
Instructional Lab Wing, <i>Denver Campus</i> . . . . .	143
Two-Year Projection of Cash Need, <i>University of Colorado System</i> . . . . .	147
Five-Year Projection of Need, <i>University of Colorado System</i> . . . . .	153

#### University of Northern Colorado

Five-Year Projection of Need. . . . .	155
---------------------------------------	-----

#### Western State Colorado University

Quigley Hall Renovation. . . . .	157
----------------------------------	-----

# Table of Contents

## State Departments

### Department of Agriculture

eLicense Implementation. . . . .	161
----------------------------------	-----

### Colorado Historical Society (History Colorado)

New Colorado History Museum (COP Project). . . . .	165
Regional Museum Preservation Projects. . . . .	167
Georgetown Loop Business Capitalization Program. . . . .	171
Lebanon Mill Dam Restoration. . . . .	175
Pearce McAllister Renovation. . . . .	179
Five-Year Projection of Need.. . . .	187

### Department of Corrections

Centennial Correctional Facility Expansion (formerly CSP II) (COP Project). . . . .	189
Multi-Use Support Building, <i>Youthful Offender System</i> . . . . .	191
Correctional Industries — Miscellaneous Small Projects. . . . .	195
Five-Year Projection of Need.. . . .	199

### Higher Education

Various Higher Education Projects — November 2008 Issue (COP Project) . . . . .	201
---	-----

### Department of Human Services

Suicide Risk Mitigation. . . . .	205
Electronic Health Record and Pharmacy System Replacement. . . . .	209
Facility Refurbishment for Safety, Risk Mitigation, and Modernization, <i>Division of Youth Corrections</i> .. . . .	213
Resident Support Areas and Security Upgrades, <i>Various State Veterans Nursing Homes</i> .. . . .	217
Program and Master Planning, <i>Colorado Mental Health Institutes</i> .. . . .	221
Replace Deteriorated Infrastructure (Capital Renewal Project), <i>Colorado Mental Health Institute at Fort Logan</i> .. . . .	225
Upgrade Campus Utility Infrastructure (Capital Renewal Project), <i>Colorado Mental Health Institute at Pueblo</i> .. . . .	229
Five-Year Projection of Need.. . . .	233

### Governor's Office of Information Technology

Digital Trunked Radio System Software Upgrade. . . . .	235
Timekeeping, Scheduling, and Leave System Modernization. . . . .	239

### Judicial Branch

Ralph L. Carr Justice Center (COP Project).. . . . .	243
--	-----

# Table of Contents

## State Departments

### Department of Labor and Employment

Workers' Compensation Mainframe Migration and Modernization Project. . . .	245
--	-----

### Department of Military and Veterans Affairs

Veterans Memorial Cemetery Expansion. . . . .	249
Five-Year Projection of Need. . . . .	253

### Department of Natural Resources, Colorado Parks and Wildlife

Land and Water Acquisitions, <i>Wildlife Areas</i> . . . . .	255
Park Infrastructure and Facilities. . . . .	259
Infrastructure and Real Property Maintenance, <i>Wildlife Areas</i> . . . . .	263
Land and Water Acquisitions, <i>State Parks</i> . . . . .	267
New Park Development. . . . .	271
Five-Year Projection of Need. . . . .	275
FY 2012-13 Capital Construction Appropriation Balance Report. . . . .	277

### Department of Personnel and Administration

Capitol Complex Leased Space Maintenance Request. . . . .	311
---	-----

### Department of Public Health and Environment

Brownfields Cleanup Program (aka HB 00-1306 Site Cleanups). . . . .	315
Water Quality Improvement Projects. . . . .	319

### Department of Public Safety

G.R. Carrel Hall Renovation. . . . .	323
Motor Carrier Training Facility and Dormitory. . . . .	327
Performance-Based Brake Tester Acquisition and Installation, <i>Dumont Port of Entry</i> . . . . .	331
Five-Year Projection of Need. . . . .	335

### Department of Revenue

IT Systems Replacement, <i>Division of Motor Vehicles</i> . . . . .	337
---	-----

### Department of Transportation

Highway Construction Projects. . . . .	343
--	-----

**Table of Contents**  
**Support Documents**

**Colorado Commission on Higher Education (CCHE)**

November 1, 2013, CCHE Letter to the Capital Development Committee. . . . . 345  
CCHE State-Funded Capital Construction Priority Recommendation.. . . . . 347

**Governor's Office of State Planning and Budgeting (OSPB)**

November 1, 2013, OSPB Letter to the Capital Development Committee. . . . . 349  
OSPB Capital Construction Funds Priority List. . . . . 351  
OSPB Non-Higher Education, 100 Percent Cash and  
Federal Funds Priority List. . . . . 357  
OSPB Level I Controlled Maintenance Priority List. . . . . 359

# Fiscal Year 2014-15 Capital Construction Request

## Adams State University

*East Campus Renovation*

### PROGRAM PLAN STATUS

2015-006

Approved Program Plan?  Yes

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	9 of 31	
OSPB	29 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$5,843,218	\$0	\$0	\$5,843,218
<b>Total</b>	<b>\$0</b>	<b>\$5,843,218</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,843,218</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$637,656	\$0	\$0	\$637,656
Construction	\$0	\$3,950,354	\$0	\$0	\$3,950,354
Equipment	\$0	\$609,502	\$0	\$0	\$609,502
Miscellaneous	\$0	\$114,504	\$0	\$0	\$114,504
Contingency	\$0	\$531,202	\$0	\$0	\$531,202
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$5,843,218</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,843,218</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Adams State University (ASU) is requesting state funds to renovate a newly purchased, 34,000-GSF building in order to create new program space and to address accessibility, code, and life-safety deficiencies. The building, which is located two blocks from the main campus, has been occupied by the university since 2011 and is being acquired through lease-purchase from the Alamosa School District. The acquisition will be finalized in January 2014. The purchase price of \$1.75 million was paid from university sources and is not reflected in this request. The building currently provides classroom space for several academic programs.

According to ASU, little change is planned to the existing space configuration of the building. The project will convert some existing classrooms to office space; remove lockers; improve interior finishes; improve classroom technology; create art studio space for graduate students; and renovate an existing art studio for use as an undergraduate archeology research lab.

In addition, the project replaces the existing HVAC system with a new boiler, mechanical ventilation, and centralized

# Fiscal Year 2014-15 Capital Construction Request

## Adams State University

### East Campus Renovation

building controls; installs an elevator to the second floor, a fire detection and suppression system, and new, energy-efficient windows; and abates asbestos in the vinyl floor tiles, beneath carpets, and in the pipe insulation.

#### PROJECT JUSTIFICATION

Shortly after entering into a lease-purchase agreement with the Alamosa School District and occupying the East Campus, ASU renovated a portion of the first floor in order to relocate the Human Performance and Physical Education (HPPE) program from the main campus. The \$556,000 renovation was funded through a bond issuance supported by an existing student capital fee. This move was necessitated by an 81 percent, almost 300 students, increase in the ASU student-athlete headcount in the last five years, says ASU. In order to accommodate student athletes in Plachy Hall, the newly renovated building on the main campus serving the Exercise Physiology Leisure Science program and Athletics Department, the university decided to shift the HPPE program offsite. ASU argues that since it has already invested money in renovations to the East Campus, it should continue its efforts to improve the building in order to maximize the investment to date.

Additionally, ASU explains that based on its projected student growth, additional classroom space is needed for general education classes and the first-year student experience program. The typical classroom on the main campus accommodates about 25 students per class, whereas classrooms in the East Campus facility accommodate 35-40 students per class, which ASU says is closer to the number of students that it prefers to schedule for general education classes. The new building also increases the campus parking inventory and allows for the creation of a specialized archaeology lab and dedicated graduate art student studio space.

**Project alternatives.** If the request is not funded, ASU says it will continue to use the East Campus facility within its existing limitations. The university considered constructing a new facility, but determined that the cost of acquiring the East Campus building was 25 percent that of the cost of new construction. It also considered relocating the HPPE to various on-campus locations, but decided that the East Campus best suited the program's contiguous space needs such as shared labs and equipment.

#### PROGRAM INFORMATION

The East Campus facility was built as a junior high school in 1954 and later converted to an elementary school. It was occupied by ASU in 2011 and is used for general education classes, the HPPE program, and the first-year experience program. The HPPE program prepares students for careers in coaching, fitness instruction, general health and wellness, nutrition, parks and recreation, physical education, physical therapy, sports management, and sports psychology and counseling. The first-year experience program is taught to all ASU students during their first semester in order to prepare them for life at ASU. There were 15 first-year experience course sections scheduled for fall 2013.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	August 2014	March 2015
Construction	March 2015	August 2015
Equipment		August 2015
Occupancy		August 2015

#### LEED CERTIFICATION INFORMATION

ASU anticipates dedicating between 2 and 5 percent of the project's total cost of \$5,843,218 to LEED certification. The university plans to build the facility to the LEED platinum standard, the highest of four possible certification levels.

# Fiscal Year 2014-15 Capital Construction Request

## Adams State University

### East Campus Renovation

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See No. 3 in the Staff Questions and Issues section for more information.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

Operating expenses are paid from institutional sources.

#### STAFF QUESTIONS AND ISSUES

1. Do you anticipate that the full cost of asbestos abatement is addressed in this request? How were these costs identified?

*Yes, the full cost of asbestos abatement is accounted for in this request. The cost was estimated by using information provided by the 2007 study done by the Alamosa School District prior to leasing the facility to ASU.*

2. Please describe how students will travel between the main and east campuses. Is the route safe for pedestrians or will some improvements be needed in the future?

*The facility is only three blocks from our main campus. All the sidewalks, crosswalks, and signage are already in place based on the prior usage as a school.*

3. Are you seeking LEED certification for the project? If not, please explain why the project is not required to comply with the state's High Performance Certification Program. If so, what level of LEED certification will be sought and what portion of the project's total construction cost of \$3,950,354 will be dedicated to LEED certification?

*ASU will pursue the highest level of LEED certification that can be accomplished by determining if the increased initial costs of substantial renovation, design, including the time value of money, can be recouped from decreased operational costs within 15 years. One area of opportunity is photovoltaic solar generation. Because this facility is not behind ASU's master meter, ASU can take advantage of Xcel Energy's small size solar program. ASU will evaluate the cost effectiveness of solar photovoltaic electric as it has on Plachy Hall on main campus. If we are able to enter into a power purchase agreement wherein we are able to cut our electrical unit cost with solar, we will go that direction. Replacement of the old HVAC systems will be evaluated for similar alternatives. Once the architects get to schematic design stage, we will be able to price LEED alternatives to determine if such increased initial cost will be less than five percent of the total cost of the renovation. If it exceeds five percent, ASU will seek a waiver from the State Architect's Office.*

**Adams State University  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Current Year Request(s)</i>							
East Campus Renovation	CCF	\$5,843,218	\$0	\$0	\$0	\$0	\$5,843,218
	CF	0	0	0	0	0	\$0
<i>Out Year Request(s)</i>							
Art Building Renovation	CCF	0	8,246,700	0	0	0	\$8,246,700
	CF	0	0	0	0	0	\$0
Library/Student Success Renovation	CCF	0	0	14,000,000	0	0	\$14,000,000
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		<i>5,843,218</i>	<i>8,246,700</i>	<i>14,000,000</i>	<i>0</i>	<i>0</i>	<i>\$28,089,918</i>
<b>Grand Total</b>		<b>\$5,843,218</b>	<b>\$8,246,700</b>	<b>\$14,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28,089,918</b>

# Fiscal Year 2014-15 Capital Construction Request

## Auraria Higher Education Center

*Auraria Library Renovation*

### PROGRAM PLAN STATUS

2009-117

Approved Program Plan?  Yes

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	1 of 1	
CCHE	5 of 31	
OSPB	16 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$4,000,000	\$22,848,307	\$0	\$0	\$26,848,307
<b>Total</b>	<b>\$4,000,000</b>	<b>\$22,848,307</b>	<b>\$0</b>	<b>\$0</b>	<b>\$26,848,307</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$1,487,006	\$0	\$0	\$1,487,006
Construction	\$0	\$18,676,442	\$0	\$0	\$18,676,442
Equipment	\$0	\$463,750	\$0	\$0	\$463,750
Miscellaneous	\$0	\$353,464	\$0	\$0	\$353,464
Contingency	\$0	\$1,867,645	\$0	\$0	\$1,867,645
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$22,848,307</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,848,307</b>

### PROJECT STATUS

This is a continuation project. Auraria received \$4,000,000 in capital construction funding for Phase I of this project in FY 2013-14. The current funding request is for Phase II of the project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Auraria Higher Education Center (Auraria) is requesting state funds for the second phase of a two-phase project to renovate the Auraria Library (184,832 GSF) in order to address building deficiencies, concentrate library resources in a central location, and create more social spaces for learning such as group study rooms. The Auraria campus is comprised of three constituent institutions with similar needs for programs and facilities: the University of Colorado Denver (CU Denver), Metropolitan State University of Denver (MSU Denver), and the Community College of Denver (CCD). The library is owned by Auraria, administered by CU Denver, and used jointly by students and faculty from the three constituent institutions.

This year's request for Phase II continues renovations to the library. Phase I designed the project, improved accessibility to the library building, and to updated building systems located in the basement. Specifically, Phase II:

- enhances the concentration of services in a centralized location;

# Fiscal Year 2014-15 Capital Construction Request

## Auraria Higher Education Center

### *Auraria Library Renovation*

- adds group study areas and multi-purpose rooms to the second floor;
- adds an American Disabilities Act-accessible outdoor terrace;
- improves accessibility throughout the building;
- addresses deferred maintenance and creates a safe building infrastructure;
- adds new shelving systems; and
- renovates the courtyard for better use and accessibility.

Auraria explains that the building will remain open during the renovation, which extends the project's timeline. To address this extended timeline, the project costs account for inflation.

#### PROJECT JUSTIFICATION

In order to meet the changing needs of its customers, Auraria says the library should be renovated to accommodate new technologies and learning models. It argues that the traditional library model as a place where information is held and managed is outdated and that the current library is not meeting the changing needs of its students, which is affecting the viability of the institution. The project addresses the need for more adequate space and technology upgrades.

Auraria says that if the renovation is not funded, the facility will continue to deteriorate, leading to a greater demand for state controlled maintenance dollars. Auraria says most of the building systems are original and some are in poor condition. Auraria anticipates that once the project is completed, its facility staff will be able to devote more time to maintenance needs in other buildings on the campus.

**Project alternatives.** Auraria originally planned to construct a new library to replace the existing facility. However, it determined that it was unlikely that state funding would be made available for a project of this magnitude (estimated cost of \$157.3 million) in the near future, and that it could make better use of the existing library space to accommodate changing customer needs. Furthermore, Auraria concluded that the existing library is ideally located in the center of campus.

#### PROGRAM INFORMATION

The Auraria Library was built in 1976. In 2009, the building was recognized as a significant work of 20th century architecture and awarded the 25-year award by the Denver chapter of the American Institute of Architects. This award recognizes buildings that function in their original capacity and have withstood the test of time.

The Auraria Library is open about 85 hours a week. In academic year 2012-13, the library recorded about 901,519 visits. Additionally, in academic year 2012-13, the library recorded about 848,339 visits to its website, an increase of 30 percent over academic year 2008-09. The library boasts an online collection of 60,000 ejournals, 300 databases, numerous ebooks, and a growing collection of streaming videos. The library provides services to students and faculty of the three constituent institutions on the Auraria campus, and also collaborates with other educational institutions, including area K-12 schools.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	August 2013	July 2014
Construction	May 2014	August 2014
Equipment	Summer 2016	Summer 2017
Occupancy		Summer 2017

# Fiscal Year 2014-15 Capital Construction Request

## Auraria Higher Education Center

*Auraria Library Renovation*

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### LEED CERTIFICATION INFORMATION

Auraria is dedicating \$139,000 of the project's total construction costs of \$18,676,442, or 0.7 percent, to LEED certification. Auraria plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. AHEC expects the renovations will lead to a decrease in the building's utility costs and the associated fees paid by the three constituent institutions.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

**Auraria Higher Education Center  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Auraria Library Renovation	CCF	22,848,307	0	0	0	0	\$22,848,307
	CF	0	0	0	0	0	\$0
<i>Out Year Request(s)</i>							
Arts Building Renovation/Addition	CCF	0	20,055,144	0	0	0	\$20,055,144
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		22,848,307	20,055,144	0	0	0	\$42,903,451
<b>Grand Total</b>		<b>\$22,848,307</b>	<b>\$20,055,144</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42,903,451</b>

# Fiscal Year 2014-15 Capital Construction Request

## Red Rocks Community College

*Health Professions and Science Building, Arvada Campus*

### PROGRAM PLAN STATUS

2015-019

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	6 of 31	
OSPB	26 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$10,000,000	\$0	\$0	\$10,000,000
CF	\$0	\$12,532,288	\$0	\$0	\$12,532,288
<b>Total</b>	<b>\$0</b>	<b>\$22,532,288</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,532,288</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$4,382,388	\$0	\$0	\$4,382,388
Construction	\$0	\$14,219,049	\$0	\$0	\$14,219,049
Equipment	\$0	\$2,611,810	\$0	\$0	\$2,611,810
Miscellaneous	\$0	\$174,685	\$0	\$0	\$174,685
Contingency	\$0	\$1,144,356	\$0	\$0	\$1,144,356
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$22,532,288</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,532,288</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Red Rocks Community College (RRCC) is requesting a combination of state funds and cash funds spending authority to renovate 10,000 GSF in its existing 23,000-GSF facility on the Arvada Campus and to construct a 50,000-GSF, two-story building. The project addresses a deficit in academic space for health careers, technologies, and sciences programs on the Lakewood and Arvada campuses. The project will relocate health professions and sciences courses from the Lakewood Campus to the Arvada Campus after the new building is constructed. It will also build student services spaces and general education classrooms and laboratories.

The Arvada Campus is currently comprised of a single building which houses six classrooms and four teaching laboratories. The project constructs a new building primarily to house faculty and staff, classrooms, study space, and laboratories for various health and science programs. The building will also house similar general education programmable space. In addition, the project renovates the existing building to create and expand student services,

# Fiscal Year 2014-15 Capital Construction Request

## Red Rocks Community College

*Health Professions and Science Building, Arvada Campus*

including constructing dedicated space for:

- admissions, enrollment, and records;
- advising and financial aid;
- supplemental instruction;
- a library with student work stations;
- student life, testing, and disability services;
- student meeting rooms, recreation, and lounge space;
- a bookstore;
- a public safety officer; and
- food services, exhibits, and assemblies.

### PROJECT JUSTIFICATION

RRCC explains that student demand for health professions degrees is greater than can be accommodated on its Lakewood and Arvada campuses and its teaching laboratory space is at capacity. In order to meet projected enrollment growth and accreditation requirements, it needs to address these space deficits and improve its teaching laboratory space. In the past four years, RRCC student enrollment in health professions courses has increased by 30 percent. In particular, the number of applicants and the demand for qualified graduates for two programs — Physician's Assistant and Diagnostic Sonography — has far outstripped the college's current instructional capacity. Additionally, the space deficit on the existing campus has limited the amount of student services that can be offered. The project will improve the overall student learning environment through the creation of more group study areas, meeting rooms, and student services spaces.

According to RRCC, its health and science programs are the hallmark of its instructional offerings. The college is one of only six community colleges in country to offer a Physician's Assistant certificate; and it will soon become the first community college in the country accredited to grant a Master's Degree for this program. Additionally, RRCC says it transfers the highest number of students to the Colorado School of Mines of any college or university in the country. According to RRCC, the Colorado School of Mines has determined that RRCC general education transfer courses are the curricular equivalent of designated Mines courses and can be applied to the undergraduate requirements in eight engineering degree programs. However, there is currently only one science lab available on the Arvada Campus to teach courses with transferable credits and RRCC says it may have to limit admissions if there is not more space to teach general science courses.

RRCC says the renovation and expansion of the Arvada Campus will allow it to create its own, unique identity rather than being viewed as a satellite of the Lakewood Campus. It will also allow RRCC to centrally locate all of the health career departments on a single campus, thus improving the quality of instruction and allowing the college to take advantage of shared faculty and administrative support, which will lead to efficiencies and cost savings. Additionally, the college says its space deficiency has limited its ability to expand its health professions and sciences programs to include the following courses: Medical Lab Technician, Psychiatric Technician, Geriatric Aide, and Hospice Aide. The proposed new facility will construct the specialty, skills, and simulation labs needed for these new and existing programs.

**Project alternative.** According to the college, the only viable project alternative is to lease off-campus space for classrooms and laboratories. However, RRCC says this option is not practical or cost-effective because of the costs associated with fitting leased space for specific program requirements and because student services will not be easily accessible to students attending classes offsite.

### PROGRAM INFORMATION

The Arvada Campus was opened in 1990 at the request of Arvada city officials and business leaders. In Fall 2011, 879 students were enrolled on the Arvada Campus, and 9,541 students were enrolled at RRCC. The RRCC offers accredited programs in Physician's Assistant, Medical Assisting, Holistic Health, Nursing Assistant, Nurse Refresher, Radiology Technology, and Diagnostic Sonography. These courses are taught between the Arvada and Lakewood

# Fiscal Year 2014-15 Capital Construction Request

## Red Rocks Community College

Health Professions and Science Building, Arvada Campus

campuses.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	Summer 2014	Summer 2015
Construction	Summer 2015	Fall 2016
Equipment		Summer 2016
Occupancy		Fall 2016

\*These dates apply to construction of the new facility. The renovation of the existing facility will commence in spring 2017.

### LEED CERTIFICATION INFORMATION

RRCC is dedicating \$628,423 of the project's total construction cost of \$14,219,049, or 4.4 percent, to the High Performance Certification Program. The college plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds is \$7.5 million from institutional reserves and \$5.0 million in private donations to be raised by the RRCC Foundation.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The college anticipates that operating and staffing the new facility will increase its operating costs by about \$2.1 million a year. These increased costs will be offset by increased revenue earned from tuition and fees resulting from increased enrollment.

### STAFF QUESTIONS AND ISSUES

1. Please describe the progress to date of the fund-raising campaign on behalf of the project.

*The RRCC Foundation is conducting activities for our capital campaign to raise \$5 million towards the construction of the proposed Health Professions and Science Building. We currently have verbal commitments for approximately \$2 million. We have identified numerous foundation and community prospects fulfilling an additional \$2 million of the capital campaign by May 2014. The remaining \$1 million amount will be raised from supporters at lower individual levels over the 2014–2015 year thus having the entire \$5 million campaign completed prior to the anticipated start of construction in the Summer/Fall of 2015.*

# Fiscal Year 2014-15 Capital Construction Request

## Arapahoe Community College

*Science and Health Lab Renovation*

### PROGRAM PLAN STATUS

2014-027

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	13 of 31	
OSPB	32 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$5,879,416	\$3,258,138	\$2,503,619	\$11,641,173
CF	\$0	\$1,469,854	\$814,535	\$625,905	\$2,910,294
<b>Total</b>	<b>\$0</b>	<b>\$7,349,270</b>	<b>\$4,072,673</b>	<b>\$3,129,524</b>	<b>\$14,551,467</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$1,118,568	\$499,840	\$492,713	\$2,111,121
Construction	\$0	\$4,111,734	\$2,462,632	\$1,832,175	\$8,406,541
Equipment	\$0	\$1,384,703	\$413,024	\$446,889	\$2,244,616
Miscellaneous	\$0	\$66,150	\$63,380	\$31,505	\$161,035
Contingency	\$0	\$668,115	\$633,797	\$326,242	\$1,628,154
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$7,349,270</b>	<b>\$4,072,673</b>	<b>\$3,129,524</b>	<b>\$14,551,467</b>

### PROJECT STATUS

This is a new request. The project was previously included on the college's five-year projection of need.

### PROJECT DESCRIPTION / SCOPE OF WORK

Arapahoe Community College (ACC) is requesting a combination of state funds and cash funds spending authority for the first phase of a three-phase project to renovate 32,000 ASF of laboratory, classroom, and office space in the 221,080-GSF Main Building at the Littleton Campus, and to build a 1,300-ASF multi-disciplinary lab at the 22,496-GSF Parker Campus. This year's request for Phase I renovates the existing biology and chemistry labs, including the lab preparation spaces, at the Littleton Campus. Phase II will renovate existing classrooms and health sciences labs on the south side of the Littleton Campus in order to create an area of campus dedicated to course instruction in allied health professions such as a nutrition or physical therapy. Phase III will construct a multi-disciplinary lab on the Parker Campus.

The college explains that it will provide temporary lab facilities during construction on the Littleton Campus. In addition to renovating the existing labs on the Littleton Campus, the project also replaces HVAC, electrical, and

# Fiscal Year 2014-15 Capital Construction Request

## Arapahoe Community College

### Science and Health Lab Renovation

plumbing systems. It will also purchase new equipment and furnishings for the labs. The associated classroom space will be built with a demonstration lab station so instructors can give lectures and demonstrations before students start lab work.

#### PROJECT JUSTIFICATION

ACC says it that there is a shortage of adequate lab space on its Littleton and Parker campuses, which it believes may lead to a loss of student enrollment and limit its ability to expand program offerings to meet workplace needs. Specifically, ACC says there is insufficient storage, little space for group work, and faculty offices are not adjacent to the lab and classroom facilities. Each phase of the project addresses concerns with the shortage of adequate lab space on the campuses and is outlined below.

Phase I of the project addresses biology and chemistry labs on the Littleton Campus. The labs were built in the 1970s and have never been fully renovated. ACC says they do not meet current building codes and are functionally outdated. For instance, the chemistry lab fume hoods vent poorly which causes a health hazard and creates noise disruptions. Additionally, the lighting in the labs is poor, the floor tiles and benches are embedded with non-friable asbestos, and the furnishing are old and unstable.

Phase II of the project creates a dedicated classroom and lab area on the Littleton Campus for allied health professions instruction. Allied health professions are associated with the medical field but are distinct from medicine, nursing, and pharmacology. The Littleton Campus has two existing science labs, both of which, says ACC, are scheduled at or near capacity and are outdated. According to ACC, the area high schools have better health and science lab facilities than those available at the Littleton Campus. The college says the labs need to be updated to create collaborative learning spaces with modern technology to mimic the workplace environment. The creation of a dedicated area of campus for allied health professions course instruction will allow the college to construct classrooms and labs specific to these professions and to create greater collaboration between programs.

Phase III of the project constructs a shared biology and chemistry lab. The Parker Campus uses an existing classroom for science instruction. The only science classes currently taught at the Parker Campus are courses in human anatomy and physiology. The campus was built without labs due both to cost and the original programming planned for the campus. According to ACC, the classroom is too small to house the necessary furnishings, fixtures, and utilities for a multidisciplinary biology and chemistry lab. The college has identified a need for an additional 1,308 ASF for lab, preparation, and storage space on the campus.

#### PROGRAM INFORMATION

Arapahoe Community College was founded in 1965. It is housed on three campuses, including its main campus in Littleton and satellite campuses in Castle Rock and Parker. As of October 2013, about 21,000 full- and part-time students were enrolled in courses at ACC, including about 7,866, or 80.4 percent, that self reported as degree seeking.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2012	August 2014
Construction	May 2015	October 2017
Equipment		varies
Occupancy		varies

# Fiscal Year 2014-15 Capital Construction Request

## Arapahoe Community College

*Science and Health Lab Renovation*

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### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it does not involve the substantial renovation, design, or construction of a physical facility.

### SOURCE OF CASH FUNDS

The source of cash funds is college reserves internally designated for capital improvements.

### OPERATING BUDGET

This project has no impact on state operating costs or student fees.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Front Range Community College

*Allied Health and Nursing Building, Larimer Campus*

### PROGRAM PLAN STATUS

2015-015

Approved Program Plan?  Yes

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 2	
CCHE	19 of 31	
OSPB	38 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$19,867,000	\$0	\$0	\$19,867,000
CF	\$0	\$4,000,000	\$0	\$0	\$4,000,000
<b>Total</b>	<b>\$0</b>	<b>\$23,867,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,867,000</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$3,254,437	\$0	\$0	\$3,254,437
Construction	\$0	\$17,671,500	\$0	\$0	\$17,671,500
Equipment	\$0	\$1,628,990	\$0	\$0	\$1,628,990
Miscellaneous	\$0	\$176,673	\$0	\$0	\$176,673
Contingency	\$0	\$1,135,400	\$0	\$0	\$1,135,400
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$23,867,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,867,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Front Range Community College (FRCC) is requesting state funds and cash funds spending authority to construct a new, 49,477-GSF facility to house its Allied Health and Nursing programs on an undeveloped site at the northwest corner of the college's Larimer Campus. The three-story facility will consolidate and improve physical space for the Allied Health and Nursing programs. These programs include: Certified Nurse Aide, Dental Assistant, Emergency Medical Services, Health and Wellness, Holistic Health, Medical Careers Exploration, Nursing, and Phlebotomy. The facility will also create space for developing FRCC programs, such as Clinical Lab Technician, Dental Hygienist, and Pharmacy Technician.

The Allied Health and Nursing Building will consist of classroom, lab, office, and public spaces. The educational spaces are expected to incorporate state-of-the-art design that encourage small group and collaborative learning and offer ample access to technology that will allow digital presentation, streaming, and archiving of many classroom and

# Fiscal Year 2014-15 Capital Construction Request

## Front Range Community College

*Allied Health and Nursing Building, Larimer Campus*

lab activities. The office spaces will be built in clusters to encourage efficiencies and collaboration. A multiple-story lobby featuring high-performance glass curtain wall surfaces is expected to display works depicting health and wellness, while corridors will also have areas for display. Clinic areas will be accessible from the public spaces.

### PROJECT JUSTIFICATION

According to the college, the project addresses a 17,000-ASF space deficit in the school's health programs and consolidates programs that are currently spread between two locations, the Blanca Peak building on the Larimer campus and leased space in Loveland, into one facility on campus. The college says that its largest unmet need is adequate academic space, and that even after the completion of the new Allied Health and Nursing Building and current cash-funded improvements made possible through a student-approved fee, the Larimer Campus will still have a space deficit of about 27,000-GSF.

The project also achieves a cost-savings by eliminating the use of a leased facility in Loveland. The college projects that it will offset operational cost components at the new facility with about \$203,600 in lease savings and \$90,000 in staff savings.

**Project alternatives.** The college considered remaining in leased space, which would require the programs to remain spread apart at two facilities. This alternative presents challenges for students, who are limited in their access to on-campus services and must travel long distances between classes. It also presents challenges for the school, which is not able to make practical investments in lab facilities, nor allocate state controlled maintenance funds for leased facilities; is subject to the disruption caused by relocation at the end of a lease cycle; and is less likely to receive donations for those programs operating in leased space.

### PROGRAM INFORMATION

Front Range Community College, Larimer Campus, is a two-year institution offering associate degrees and certificate programs, as well as online courses and continuing education. The college also guarantees credit transfer to all public four-year colleges and universities in the state and partners with area high schools to allow concurrent enrollment.

The Front Range Community College system was established in 1968. It was the first community college to be established by the State Board for Community Colleges and Occupational Education. The Larimer campus was formed in 1988, when Larimer County Voc-Tech Center merged with FRCC. The combined campuses — Boulder County, Brighton Center, Larimer, and Westminster, as well as leased space in Loveland — make FRCC the largest community college in the state, with 31,052 students enrolled system-wide in academic year 2012. At the Larimer campus, there are about 8,800 students in annual attendance, two-thirds of whom attend part-time.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	December 2014
Construction	March 2015	May 2016
Equipment	April 2016	June 2016
Occupancy	June 2016	June 2016

### LEED CERTIFICATION INFORMATION

Front Range Community College is dedicating \$1,237,005 of the project's total construction costs of \$17,671,500, or 7.0 percent, to LEED certification. The college plans to build the facility to the LEED Gold standard, the second

# Fiscal Year 2014-15 Capital Construction Request

## Front Range Community College

*Allied Health and Nursing Building, Larimer Campus*

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highest of four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds is \$4 million from tuition revenues and other institutional, non-fee cash sources. The moneys are currently held in a reserve fund designated for this project.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The utility costs for the building are expected to be about \$120,000 in the first year of operation.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Pikes Peak Community College

*Student Learning Commons and Theater, Downtown Studio Campus*

### PROGRAM PLAN STATUS

2015-018

Approved Program Plan?  Yes

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	20 of 31	
OSPB	39 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$3,987,186	\$0	\$0	\$3,987,186
CF	\$0	\$996,797	\$0	\$0	\$996,797
<b>Total</b>	<b>\$0</b>	<b>\$4,983,983</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,983,983</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$830,644	\$0	\$0	\$830,644
Construction	\$0	\$3,775,744	\$0	\$0	\$3,775,744
Equipment	\$0	\$102,505	\$0	\$0	\$102,505
Miscellaneous	\$0	\$37,757	\$0	\$0	\$37,757
Contingency	\$0	\$237,333	\$0	\$0	\$237,333
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$4,983,983</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,983,983</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Pikes Peak Community College (PPCC) is requesting a combination of state funds and cash funds spending authority to construct a 9,823-GSF addition to expand and connect the two existing buildings on its Downtown Studio Campus. The newly constructed addition will create a main entranceway to the campus, and construct a student learning common area, theater support and performance space, and expanded lab space. It will also create better traffic patterns between the existing parts of campus and install a uniform fire alarm and suppression system.

The student learning commons constructed under the project will house flexible study areas, computer stations, lounge areas, vending, and a student services and support counter.

The new theater constructed under the project will address a shortage of flexible, instructional performance space on the campus. The new theater will include mobile seating and lighting, technology, and sound systems that allow for

# Fiscal Year 2014-15 Capital Construction Request

## Pikes Peak Community College

*Student Learning Commons and Theater, Downtown Studio Campus*

multiple space arrangements. This flexibility will maximize the type and amount of classes and events that can be programmed in the space. Additionally, the theater will provide a community venue for meetings and performances that will be easily accessible from the newly constructed entrance.

### PROJECT JUSTIFICATION

According to PPCC, the project addresses concerns with a lack of tutoring, group study, and meeting space at the downtown campus. The college has identified a combined space deficit on the campus of more than 23,000 GSF for student life functions and individual and group study. PPCC says providing adequate on-campus study and community areas is a critical component of student academic success. The project also addresses a lack of sufficient performance and associated support spaces through the construction of a new theater. PPCC says the construction of a new theater and associated support space will also free much needed classroom and lab space for other programs.

The student FTE at the Downtown Studio Campus has grown 29 percent since 2007 and course offerings have increased by 22 percent since 2009. According to PPCC, room use data indicate that the Downtown Studio laboratories have the highest utilization rates of any PPCC instructional space. Furthermore, PPCC projects a 31.5 percent increase in its student enrollment, or an increase of about 350 students, on the Downtown Studio Campus between 2010 and 2020. PPCC says that if the project is not funded, it could jeopardize future enrollment.

**Project alternatives.** The college says leasing space near the campus is not practical because nothing functional exists within a close enough proximity to the campus. It considered constructing a stand-alone facility or relocating the planned addition, but determined that these options were not desirable because of increased cost and decreased functionality. PPCC says the project takes advantage of its future plans for growth. It recently acquired parking and a future building site across the street from the existing downtown campus.

### PROGRAM INFORMATION

The Downtown Studio Campus, which was built and operated for many years as a Catholic school, was purchased and extensively remodeled in 1986 in order to extend PPCC services to the downtown area. The college says the campus and downtown area are easily accessible to its students, many of whom work nearby. The campus houses many of the college's creative arts programs, including music, visual arts, theater, and dance. In addition, the campus houses paralegal, architecture, and some general education programs.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	November 2014
Construction	December 2014	October 2015
Equipment		
Occupancy		November 2015

### LEED CERTIFICATION INFORMATION

PPCC is dedicating about \$75,000 of the project's total construction costs of \$3,775,744, or about 2.0 percent, to the High Performance Certification Program. The college plans to build the facility to the LEED standard, the lowest of the four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds is institutional reserves offset by potential donations collected by the PPCC Foundation.

# Fiscal Year 2014-15 Capital Construction Request

## Pikes Peak Community College

*Student Learning Commons and Theater, Downtown Studio Campus*

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### OPERATING BUDGET

Operating expenses are paid from institutional sources. The college anticipates that the increased campus utility costs, estimated at about \$12,000 per year, will be offset by tuition earnings from an increase in student enrollment and from reservation income from community events held in the theater.

### STAFF QUESTIONS AND ISSUES

1. Please detail how the project will be staged so as to minimize class disruptions during construction.

*The proposed project should not create class disruptions during construction. The area of new construction is located in a void on the existing site plan between two academic buildings on the campus. Both academic buildings have several alternative paths of egress which will allow individuals to easily access either building throughout the construction period. Any loud or disruptive construction activities in close proximity to classrooms will be planned to occur outside of instructional hours.*

2. What is the status of fund raising to date on behalf of the project?

*Funds are 100 percent secured and available.*

# Fiscal Year 2014-15 Capital Construction Request

## Trinidad State Junior College

*New Valley Campus Facility*

### PROGRAM PLAN STATUS

2015-020

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	21 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$5,026,603	\$17,460,125	\$1,073,006	\$23,559,734
CF	\$0	\$450,000	\$4,000,000	\$100,000	\$4,550,000
<b>Total</b>	<b>\$0</b>	<b>\$5,476,603</b>	<b>\$21,460,125</b>	<b>\$1,173,006</b>	<b>\$28,109,734</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,069,028	\$834,767	\$38,850	\$2,942,645
Construction	\$0	\$3,156,812	\$19,698,655	\$0	\$22,855,467
Equipment	\$0	\$0	\$0	\$875,750	\$875,750
Miscellaneous	\$0	\$0	\$0	\$207,530	\$207,530
Contingency	\$0	\$250,763	\$926,703	\$50,876	\$1,228,342
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$5,476,603</b>	<b>\$21,460,125</b>	<b>\$1,173,006</b>	<b>\$28,109,734</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Trinidad State Junior College (TSJC) is requesting a combination of state funds and cash funds spending authority for the first phase of a three-phase project to construct a 75,500 GSF facility to replace the existing Valley Campus in Alamosa. The project addresses concerns with the space deficit and aging building systems at the existing campus. This year's request for Phase I designs the project and begins developing the site. Phase II will complete site development and construct the new campus. Phase III will equip the building and pay expenses associated with moving to the new campus.

The main entrance to the new campus facility will house one-stop student registration services, administrative functions, a bookstore, a learning resource center, and other student amenities. A one-story wing will house a large multipurpose room for assemblies, the technology labs, and an innovation lab for new and emerging technology programs. A two-story wing will house classrooms, computer labs, and associated offices and conference rooms for

## Fiscal Year 2014-15 Capital Construction Request

### Trinidad State Junior College

#### *New Valley Campus Facility*

career and technical degree and arts and sciences degree programs. The two-story wing will also provide student lounge and study areas, and lockers for commuter students. The new facility will employ both a ground source geothermal heat pump system for heating and cooling and a photovoltaic field for its electrical requirements. Additionally, the building will be equipped with the technology required to facilitate long-distance learning.

After completion of the new campus, a few of the college's lab functions will remain in offsite locations, including indoor training areas assigned to the Law Enforcement Training Academy. Additionally, an existing agreement with Adams State University allowing TSJC students to access the ASU recreation center, library, and intramural program will continue.

The new facility will be located on a 16-acre site owned by the TSJC Educational Foundation. Prior to occupancy, the land title will be transferred to the state. The existing facility will be sold after the new campus building is operational.

#### PROJECT JUSTIFICATION

According to TSJC, the space deficit at the Alamosa Campus negatively impacts the quality of some of its programs and limits future program growth. Its existing laboratory space is overcrowded by equipment due to a lack of storage space. Nursing program staff have expressed concern that the lack of necessary support facilities could negatively impact the program's accreditation. The welding lab must conduct grinding activities outside, regardless of weather conditions, because there is no interior space allocated to the program. Furthermore, the college has a limited ability to host public events because the existing assembly space only holds 116 people, rather than the 1,000 recommended for a college of its size. This, in turn, negatively impacts the college's community presence, says TSJC. The college also has very limited student amenities. The nursing building was originally designed to hold a bookstore and various student services and study spaces in addition to the Nursing program. However, as the Nursing program grew, these functions were either eliminated or shifted to much smaller spaces in the main campus building. There are no on-site recreation services, no locker storage, and very limited seating for dining.

The existing main campus building is aging and its inefficient building systems periodically necessitate the disruption or cancellation of classes. For instance, the HVAC system does not adequately cool western-facing classrooms on hot summer days, nor does it adequately heat the facility during the winter. Additionally, the elevator periodically shuts down and requires service, which is an inconvenience for the building occupants says TSJC. Other concerns with the existing facility include a lack of adequate parking. The college says there is only .116 parking spaces available per person, including both staff and students, versus the recommended .22 to .33 parking spaces per person for commuter campuses.

**Project alternatives.** TSJC says there is limited opportunity for expansion near the site of the existing Valley Campus because it is immediately surrounded by multiple residential and light commercial buildings. Additionally, TSJC explains that the nearby streets cannot be rerouted or vacated because of their significance in the city's traffic patterns. The college has explored the possibility of constructing a 6,000-GSF expansion to the main building to add science lab space. However, TSJC says this expansion does not address its overall space deficiency. Therefore, the college has determined that constructing a new facility, rather than constructing an addition to the existing campus, best addresses its space needs.

#### PROGRAM INFORMATION

The existing Valley Campus is housed in one owned and several leased spaces. The main building houses most academic and administrative functions. A nearby building is leased for the Nursing program. In fall 2012, six additional offsite locations were leased in order to provide additional classroom and laboratory space.

The main campus building was built in the 1930s and renovated in 1999.

# Fiscal Year 2014-15 Capital Construction Request

## Trinidad State Junior College

*New Valley Campus Facility*

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	June 2015
Construction	April 2015	September 2016
Equipment	May 2016	November 2016
Occupancy		December 2016

### LEED CERTIFICATION INFORMATION

TSJC is dedicating about \$606,700 of the project's total construction cost of \$22,855,467, or 2.6 percent, to the High Performance Certification Program. The college plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds is donations.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. TSJC explains that even though the new facility will be larger than the existing facility, the utility costs paid by the college for the new facility will likely be less than its current costs because the existing facility is so inefficient.

### STAFF QUESTIONS AND ISSUES

1. Please provide an update about the status of fund raising to date on behalf of the project.

*To date, the Foundation Director has developed collateral material for presentation to prospective donors. Several lead donors have been identified. The next step is cultivation to build the excitement around the project. It's time to share the story and engage people in order to present the opportunity to our investors. The case for support for this project is a fantastic example of a public/private partnership where the community is creating its own destiny and is investing in the future of the San Luis Valley and Trinidad State Junior College. Meetings are being arranged with other potential partners such as the City of Alamosa and the local counties that serve the region to develop next steps on how each group may be involved and what other partners may exist.*

2. How will the proceeds from the sale of the existing Valley Campus building be used? Will these proceeds offset the cost of construction for the new campus?

*This decision has not been formally made and would depend on the timing of the construction, the transition to the new campus, and the real estate market.*

# Fiscal Year 2014-15 Capital Construction Request

## Otero Junior College

*Agriculture Science Program Remodel*

### PROGRAM PLAN STATUS

2015-017

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	23 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$1,393,800	\$0	\$0	\$1,393,800
FF	\$0	\$400,000	\$0	\$0	\$400,000
<b>Total</b>	<b>\$0</b>	<b>\$1,793,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,793,800</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$140,800	\$0	\$0	\$140,800
Construction	\$0	\$1,220,000	\$0	\$0	\$1,220,000
Equipment	\$0	\$323,200	\$0	\$0	\$323,200
Miscellaneous	\$0	\$12,200	\$0	\$0	\$12,200
Contingency	\$0	\$97,600	\$0	\$0	\$97,600
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,793,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,793,800</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Otero Junior College (OJC) is requesting a combination of state funds and cash funds spending authority to renovate 3,000-GSF in McDivitt Hall and to construct a 2,400-GSF addition to accommodate enrollment growth in the Agriculture Sciences Program. The project will build two 1,100-GSF classrooms, two 800-GSF general purpose laboratories, two faculty offices, a reception area, and restrooms. The request also purchases equipment for the program, including fencing for livestock holding pens, livestock loading chutes, an ultrasound machine for livestock evaluation, and drying ovens for crop production analysis.

### PROJECT JUSTIFICATION

According to the college, the Agriculture Science Program, which was created in 2012, far exceeded its first-year enrollment goal by enrolling 24 full-time students. The college projects that the program will enroll a total of

# Fiscal Year 2014-15 Capital Construction Request

## Otero Junior College

### Agriculture Science Program Remodel

60 students by the program's third year. The college says that the program is providing much-needed training for local students, many of whom do not have the resources to seek education outside of the area.

The program is currently housed in an old fitness center facility within McDivitt Hall, which, according to the college, is the only current vacant space on campus that is large enough to accommodate the program's classes. The space has no laboratory or office space and only one makeshift classroom.

**Project alternatives.** There are no identified project alternatives. According to the college, the college's current space constraints and the lack of cost-effective leasable laboratory space make this request the most cost-effective option to meet the program's enrollment needs.

### PROGRAM INFORMATION

The Agriculture Science Program was created in 2012 through funding from a federal Science, Technology, Engineering, and Mathematics (STEM) grant. The program offers three tracks — Animal Science, Soil and Crop Science, and Agriculture Business. Otero Junior College has an articulation agreement with Colorado State University (CSU) that allows students to transfer credits earned in the Agriculture Sciences Program toward completion of a four-year degree at CSU.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	August 2014	March 2015
Construction	June 2015	January 2016
Equipment		
Occupancy		January 2016

### LEED CERTIFICATION INFORMATION

The college is dedicating \$17,938 of the project's total cost of \$1,793,800, or 1.0 percent, to LEED certification. The university plans to build the facility to the LEED silver standard, the second lowest of four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds is a federal STEM grant. This grant must be spent in the next three years.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The college estimates that the program will be self-sustaining by 2016 and able to cover any additional operating costs of the renovated building.

### STAFF QUESTIONS AND ISSUES

1. Please provide more detail about the Agriculture Science Program's partnership with CSU.

*Colorado State University operates an agricultural experimental station approximately eight miles from the Otero Junior College Campus. At this site, CSU conducts agricultural research primarily in the area of crop production. There are approximately 50 acres of farm ground that are planted in test plots each growing season with various kinds of crops testing new genetic development of seeds, growing conditions, water usage, plus other evaluative processes to determine viability of the plants and production results. We have presently a working relationship with*

## Fiscal Year 2014-15 Capital Construction Request

### Otero Junior College

#### *Agriculture Science Program Remodel*

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*this station whereby our students are able to participate in internship programs as well as visiting the site in order to conduct hands-on laboratory experiences about various aspects of crop production that significantly contribute to the overall curriculum and learning opportunities made available to students.*

2. Where will the Agriculture Science Program be housed during construction?

*We anticipate renovation to be completed in the summer months when classes for these programs are not in session in order to minimize disruption of the learning process.*

# Fiscal Year 2014-15 Capital Construction Request

## Front Range Community College

*Central Plant Upgrade, Westminster Campus (Capital Renewal Project)*

### PROGRAM PLAN STATUS

2015-016

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	2 of 2	
CCHE	31 of 31	
OSPB	42 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$4,366,780	\$0	\$0	\$4,366,780
<b>Total</b>	<b>\$0</b>	<b>\$4,366,780</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,366,780</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$436,800	\$0	\$0	\$436,800
Construction	\$0	\$3,500,000	\$0	\$0	\$3,500,000
Equipment	\$0	\$33,000	\$0	\$0	\$33,000
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$396,980	\$0	\$0	\$396,980
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$4,366,780</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,366,780</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Front Range Community College (FRCC) is requesting state funds for a capital renewal project to replace the existing boilers and chillers on the 296,951-GSF Westminster Campus. The capital renewal approach focuses on upgrading building systems, infrastructure, and the basic building components within existing academic buildings on a building-by-building basis, rather than project by project.

The project replaces two large, aging boilers with four smaller, high-efficiency boilers. The boilers operate year round to provide 160 to 180 degree hot water — based on outside air temperature — in order to supply 55 degree air to the building. The project also replaces two chillers at the end of their useful life with two new chillers, chilled water pumps, and new pipes. The chillers supply hot and chilled water to the building ventilation system.

### PROJECT JUSTIFICATION

FRCC says replacing the aging and unreliable boilers and coolers on the Westminster Campus will allow it to

# Fiscal Year 2014-15 Capital Construction Request

## Front Range Community College

*Central Plant Upgrade, Westminster Campus (Capital Renewal Project)*

maintain a comfortable building temperature year round, minimize disruptions to building occupants when the heating or cooling system fails, and realize cost savings from the operation of more energy efficient equipment. The college explains that during various expansions to the Westminster Campus, the heating and cooling system capacity was not increased to match the additional square footage. Thus, the existing boilers and chillers operate beyond their capacity. Also, the college explains that the cooling system was originally sized and installed on the assumption that outside air temperature would rarely exceed 90 degrees. The number of days over 90 degrees averaged around 15 in 1997. By contrast, the college reports that during the summer of 2012, there were 70 days with a temperature greater than 90 degrees.

The college says the existing heating and cooling equipment is increasingly difficult to maintain. The chillers average about 12 failures a year and the boilers average about 9 failures a year. The boilers leak and experience other failures related to the gas valves, says FRCC. Additionally, the boiler manufacturer went out of business in 2001 and replacement parts are difficult to acquire. The college explains that when there is a failure in the cooling system, its maintenance staff must operate the system manually in order to determine which campus zones are negatively impacted by the failure.

Finally, FRCC says neither system operates in an energy-efficient manner. The new boilers purchased under the project will be energy efficient and their operation can be staggered, allowing them to be activated one at a time on an as-needed basis during warmer months, resulting in substantial energy savings, says the college. The new coolers purchased under the project will address a deficiency in cooling during warmer months and increase energy efficiency.

### PROGRAM INFORMATION

The Westminster Campus was built in 1977. It is comprised of a single, multi-story building.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	December 2014
Construction	January 2015	April 2015
Equipment		
Occupancy		September 2015

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the building will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent of the value of the property.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The college anticipates it will realize utility costs savings through the installation and operation of more energy efficient equipment.

# Fiscal Year 2014-15 Capital Construction Request

## Front Range Community College

*Central Plant Upgrade, Westminster Campus (Capital Renewal Project)*

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### STAFF QUESTIONS AND ISSUES

None.

# Two-Year Projection of Cash Need

## Pikes Peak Community College

Wednesday, December 04, 2013

**SUGGESTED MOTION:**

*Approve the new project listed on the Pikes Peak Community College two-year projection of cash need.*

### New Project List, Requires Approval

Project Name	LEED Certification	Amount	Fund Source
<b><i>Aspen Building Student Services Renovation</i></b>	Gold	\$6,800,000	CF

2015-043

The project renovates common areas and constructs a new front lobby for the Aspen Building on the Centennial Campus — a total of 49,215 GSF. The first floor renovation will create a single area on the first floor for student enrollment and other student services like advising, orientation, and testing. The second floor renovation will create a centralized learning commons to provide tutoring, individual and group study spaces, learning labs, and access to library and computer resources. The front lobby addition will create an entrance for enrollment services to better define a point of initial contact with the college. The college says this redesign will improve student success by taking a modern approach to collaborative learning and streamlining student services functions. Since all students must go through the enrollment process, the college says its whole student population will benefit from the improved access.

The source of cash funds is institutional reserves.

**Date Authorized Until:** *TBD*

**Subtotal: New Project List, Requires Approval** **\$6,800,000**

**Grand Total, All Projects:** **\$6,800,000**

**Colorado Community Colleges System  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Arapahoe Community College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s)</i>							
Science and Health Lab Renovation	CCF	5,879,416	3,258,139	2,503,619	0	0	\$11,641,174
	CF	1,469,854	814,534	625,905	0	0	\$2,910,293
Food Court, Student Lounge, and Multi-Use Facility	CCF	0	0	0	3,036,000	1,564,000	\$4,600,000
	CF	0	0	0	759,000	391,000	\$1,150,000
<i>Arapahoe Community College Total: State Funds</i>		<i>5,879,416</i>	<i>3,258,139</i>	<i>2,503,619</i>	<i>3,036,000</i>	<i>1,564,000</i>	<i>\$16,241,174</i>
<b>Arapahoe Community College Grand Total</b>		<b>\$7,349,270</b>	<b>\$4,072,673</b>	<b>\$3,129,524</b>	<b>\$3,795,000</b>	<b>\$1,955,000</b>	<b>\$20,301,467</b>

<b>Colorado Northwestern Community College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s)</i>							
Weiss Building Renovations	CCF	0	5,500,000	0	0	0	\$5,500,000
	CF	0	0	0	0	0	\$0
<i>Colorado Northwestern Community College Total: State Funds</i>		<i>0</i>	<i>5,500,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>\$5,500,000</i>
<b>Colorado Northwestern Community College Grand Total</b>		<b>\$0</b>	<b>\$5,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,500,000</b>

<b>Community College of Denver</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s)</i>							
Colfax and 7th Street Building	CCF	0	0	0	59,465,200	0	\$59,465,200
	CF	0	0	0	0	0	\$0
St. Francis Building	CCF	0	0	27,122,760	0	0	\$27,122,760
	CF	0	0	0	0	0	\$0

**Colorado Community Colleges System (cont.)  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Community College of Denver (cont.)</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s) (cont.)</i>							
Technology Building Addition	CCF	0	6,239,060	0	0	0	\$6,239,060
	CF	0	3,000,000	0	0	0	\$3,000,000
<i>Community College of Denver Total: State Funds</i>		0	6,239,060	27,122,760	59,465,200	0	\$92,827,020
<b>Community College of Denver Grand Total</b>		<b>\$0</b>	<b>\$9,239,060</b>	<b>\$27,122,760</b>	<b>\$59,465,200</b>	<b>\$0</b>	<b>\$95,827,020</b>

<b>Front Range Community College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Current Year Request(s)</i>							
Allied Health and Nursing Building, Larimer Campus	CCF	19,867,000	0	0	0	0	\$19,867,000
	CF	4,000,000	0	0	0	0	\$4,000,000
Central Plant Upgrade, Westminster Campus (Capital Renewal Project)	CCF	4,366,780	0	0	0	0	\$4,366,780
	CF	0	0	0	0	0	\$0
<i>Out Year Request(s)</i>							
East Wing Renovation and HVAC Replacement, Westminster Campus	CCF	0	2,064,136	0	0	0	\$2,064,136
	CF	0	0	0	0	0	\$0
New Campus Construction, Boulder	CCF	0	0	0	65,000,000	0	\$65,000,000
	CF	0	0	0	0	0	\$0
Roof Replacement, Westminster Campus	CCF	0	0	3,384,501	0	0	\$3,384,501
	CF	0	0	0	0	0	\$0
<i>Front Range Community College Total: State Funds</i>		24,233,780	2,064,136	3,384,501	65,000,000	0	\$94,682,417
<b>Front Range Community College Grand Total</b>		<b>\$28,233,780</b>	<b>\$2,064,136</b>	<b>\$3,384,501</b>	<b>\$65,000,000</b>	<b>\$0</b>	<b>\$98,682,417</b>

**Colorado Community Colleges System (cont.)  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Lamar Community College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s)</i>							
Bowman Administration Wing Renovation	CCF	0	0	0	1,669,391	0	\$1,669,391
	CF	0	0	0	0	0	\$0
Bowman Building Renovation	CCF	0	1,467,481	8,683,629	942,887	0	\$11,093,997
	CF	0	0	0	0	0	\$0
Community Library	CCF	0	0	2,167,074	9,390,654	2,889,432	\$14,447,160
	CF	0	0	0	0	0	\$0
Trustees Building Renovation	CCF	0	1,188,890	5,823,213	1,479,975	0	\$8,492,078
	CF	0	0	0	0	0	\$0
Vocational Trades Building	CCF	0	1,210,948	0	0	0	\$1,210,948
	CF	0	0	0	0	0	\$0
<i>Lamar Community College Total: State Funds</i>		0	3,867,319	16,673,916	13,482,907	2,889,432	\$36,913,574
<b><i>Lamar Community College Grand Total</i></b>		<b>\$0</b>	<b>\$3,867,319</b>	<b>\$16,673,916</b>	<b>\$13,482,907</b>	<b>\$2,889,432</b>	<b>\$36,913,574</b>

<b>Colorado Community Colleges — Lowry</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s)</i>							
Abate and Remodel Building 869	CCF	0	6,300,000	0	0	0	\$6,300,000
	CF	0	0	0	0	0	\$0
<i>Colorado Community Colleges — Lowry Total: State Funds</i>		0	6,300,000	0	0	0	\$6,300,000
<b><i>Colorado Community Colleges — Lowry Grand Total</i></b>		<b>\$0</b>	<b>\$6,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,300,000</b>

**Colorado Community Colleges System (cont.)  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Morgan Community College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s)</i>							
Career and Technical Education Programs Expansion, Spruce Hall	CCF	0	0	0	546,000	4,900,000	\$5,446,000
	CF	0	0	0	0	0	\$0
Cottonwood Hall Expansion	CCF	0	721,000	5,650,000	0	0	\$6,371,000
	CF	0	0	0	0	0	\$0
Fine Arts Programs Expansion	CCF	0	0	1,092,000	8,800,000	0	\$9,892,000
	CF	0	0	0	0	0	\$0
<i>Morgan Community College Total: State Funds</i>		0	721,000	6,742,000	9,346,000	4,900,000	\$21,709,000
<b>Morgan Community College Grand Total</b>		<b>\$0</b>	<b>\$721,000</b>	<b>\$6,742,000</b>	<b>\$9,346,000</b>	<b>\$4,900,000</b>	<b>\$21,709,000</b>

<b>Northeastern Junior College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Out Year Request(s)</i>							
Beede Hamil Renovation	CCF	0	0	1,500,000	0	0	\$1,500,000
	CF	0	0	0	0	0	\$0
Hays Student Center Renovation	CCF	0	4,635,000	0	0	0	\$4,635,000
	CF	0	0	0	0	0	\$0
Maintenance Building Renovation	CCF	0	0	0	1,000,000	0	\$1,000,000
	CF	0	0	0	0	0	\$0
<i>Northeastern Junior College Total: State Funds</i>		0	4,635,000	1,500,000	1,000,000	0	\$7,135,000
<b>Northeastern Junior College Grand Total</b>		<b>\$0</b>	<b>\$4,635,000</b>	<b>\$1,500,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$7,135,000</b>

**Colorado Community Colleges System (cont.)**  
**Five-Year Projection of Need**  
**FY 2014-15 through FY 2018-19**

<b>Otero Junior College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Current Year Request(s)</i>							
Agriculture Science Program Remodel	CCF	1,393,800	0	0	0	0	\$1,393,800
	FF	400,000	0	0	0	0	\$400,000
<i>Out Year Request(s)</i>							
Humanities Center Remodel	CCF	0	0	7,500,000	0	0	\$7,500,000
	CF	0	0	0	0	0	\$0
McBride Hall Renovation	CCF	0	0	0	0	7,500,000	\$7,500,000
	CF	0	0	0	0	0	\$0
<i>Otero Junior College Total: State Funds</i>		1,393,800	0	7,500,000	0	7,500,000	\$16,393,800
<b><i>Otero Junior College Grand Total</i></b>		<b>\$1,793,800</b>	<b>\$0</b>	<b>\$7,500,000</b>	<b>\$0</b>	<b>\$7,500,000</b>	<b>\$16,793,800</b>

<b>Pikes Peak Community College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Current Year Request(s)</i>							
Student Learning Commons and Theater, Downtown Studio Campus	CCF	3,987,186	0	0	0	0	\$3,987,186
	CF	996,797	0	0	0	0	\$996,797
<i>Out Year Request(s)</i>							
Facilities Maintenance Building, Centennial Campus	CCF	0	2,160,000	0	0	0	\$2,160,000
	CF	0	540,000	0	0	0	\$540,000
Gowdy Print Shop Renovation, Downtown Studio Campus	CCF	0	0	11,200,000	0	0	\$11,200,000
	CF	0	0	2,800,000	0	0	\$2,800,000
Gym/Fitness Center, Rampart Range Campus	CCF	0	5,120,000	0	0	0	\$5,120,000
	CF	0	1,280,000	0	0	0	\$1,280,000

**Colorado Community Colleges System (cont.)  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Pikes Peak Community College, cont.</b>							
Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Out Year Request(s), cont.</i>							
New Campus Construction, Elbert County	CCF	0	0	0	0	11,200,000	\$11,200,000
	CF	0	0	0	0	2,800,000	\$2,800,000
New Campus Construction, Teller County	CCF	0	0	0	11,200,000	0	\$11,200,000
	CF	0	0	0	2,800,000	0	\$2,800,000
<i>Pikes Peak Community College Total: State Funds</i>		3,987,186	7,280,000	11,200,000	11,200,000	11,200,000	\$44,867,186
<b><i>Pikes Peak Community College Grand Total</i></b>		<b>\$4,983,983</b>	<b>\$9,100,000</b>	<b>\$14,000,000</b>	<b>\$14,000,000</b>	<b>\$14,000,000</b>	<b>\$56,083,983</b>

<b>Pueblo Community College</b>							
Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Out Year Request(s)</i>							
Student Housing, Mancos Campus	CCF	0	0	1,500,000	0	0	\$1,500,000
	CF	0	0	0	0	0	\$0
Student Housing, Pueblo Campus	CCF	0	1,750,000	0	0	0	\$1,750,000
	CF	0	0	0	0	0	\$0
<i>Pueblo Community College Total: State Funds</i>		0	1,750,000	1,500,000	0	0	\$3,250,000
<b><i>Pueblo Community College Grand Total</i></b>		<b>\$0</b>	<b>\$1,750,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,250,000</b>

<b>Red Rocks Community College</b>							
Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Health Professions and Science Building, Arvada Campus	CCF	10,000,000	0	0	0	0	\$10,000,000
	CF	12,532,288	0	0	0	0	\$12,532,288
<i>Out Year Request(s)</i>							
Classroom Renovation, Lakewood Campus	CCF	0	0	0	2,300,000	0	\$2,300,000
	CF	0	0	0	2,100,000	0	\$2,100,000
<i>Red Rocks Community College Total: State Funds</i>		10,000,000	0	0	2,300,000	0	\$12,300,000
<b><i>Red Rocks Community College Grand Total</i></b>		<b>\$22,532,288</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,400,000</b>	<b>\$0</b>	<b>\$26,932,288</b>

**Colorado Community Colleges System (cont.)  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Trinidad State Junior College</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Current Year Request(s)</i>							
New Valley Campus Facility	CCF	5,026,603	17,460,125	1,073,006	0	0	\$23,559,734
	CF	450,000	4,000,000	100,000	0	0	\$4,550,000
<i>Out Year Request(s)</i>							
Campus-wide Internal Data Infrastructure Replacement	CCF	0	0	0	150,000	1,350,000	\$1,500,000
	CF	0	0	0	0	0	\$0
Fourth Floor Remodel, Berg Building	CCF	0	0	0	0	515,700	\$515,700
	CF	0	0	0	0	0	\$0
Massari Building Renovation, Trinidad Campus	CCF	0	0	780,000	0	0	\$780,000
	CF	0	0	0	0	0	\$0
Mining Technology Building Remodel	CCF	0	218,400	1,965,600	0	0	\$2,184,000
	CF	0	0	0	0	0	\$0
<i>Trinidad State Junior College Total: State Funds</i>		<i>5,026,603</i>	<i>17,678,525</i>	<i>3,818,606</i>	<i>150,000</i>	<i>1,865,700</i>	<i>\$28,539,434</i>
<b><i>Trinidad State Junior College Grand Total</i></b>		<b><i>\$5,476,603</i></b>	<b><i>\$21,678,525</i></b>	<b><i>\$3,918,606</i></b>	<b><i>\$150,000</i></b>	<b><i>\$1,865,700</i></b>	<b><i>\$33,089,434</i></b>
<i>Community College System Total: State Funds</i>		<i>50,520,785</i>	<i>59,293,179</i>	<i>81,945,402</i>	<i>164,980,107</i>	<i>29,919,132</i>	<i>386,658,605</i>
<b><i>Community College System Grand Total</i></b>		<b><i>\$70,369,724</i></b>	<b><i>\$68,927,713</i></b>	<b><i>\$85,471,307</i></b>	<b><i>\$170,639,107</i></b>	<b><i>\$33,110,132</i></b>	<b><i>\$428,517,983</i></b>

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University

*Tomlinson Library Addition and Renovation*

### PROGRAM PLAN STATUS

2010-026

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 3	
CCHE	8 of 31	
OSPB	28 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$18,462,102	\$0	\$0	\$18,462,102
CF	\$0	\$6,037,654	\$0	\$0	\$6,037,654
<b>Total</b>	<b>\$0</b>	<b>\$24,499,756</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,499,756</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$3,096,426	\$0	\$0	\$3,096,426
Construction	\$0	\$17,179,513	\$0	\$0	\$17,179,513
Equipment	\$0	\$2,437,247	\$0	\$0	\$2,437,247
Miscellaneous	\$0	\$433,434	\$0	\$0	\$433,434
Contingency	\$0	\$1,353,136	\$0	\$0	\$1,353,136
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$24,499,756</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,499,756</b>

### PROJECT STATUS

The project has been requested from state funds each year for the last six fiscal years.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado Mesa University (CMU) is requesting a combination of state funds and cash funds spending authority to renovate and construct additions to the Tomlinson Library. The additions — a one-story annex on the south side of the building, a third-story addition on the northwest corner of the building, east and west side second-floor additions under the existing roof, and a ground-floor addition on the east side of the building — will add 24,187 GSF to the library. The annex will accommodate an information commons function. The full renovation, totaling 68,793 GSF, will upgrade technology, correct building deficiencies, create an identifiable and attractive entryway on the north side of the building, modernize the appearance of the building, and make the facility more energy efficient. Attachment A shows the scope of the additions and renovation. This year's request funds the entire project.

Additional specific improvements to be made under the library renovation include:

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University

### *Tomlinson Library Addition and Renovation*

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- replacement of the HVAC system;
- upgrades to the building's power supply;
- improved lighting and windows;
- installation of a loading dock;
- updates to bathrooms and book stacks to meet ADA requirements; and
- expanded computer, office, and storage spaces.

The south addition to the library will merge library services with integrating source referencing, technology, information technology assistance, and a mix of student study and collaboration spaces. The addition will also house student support services, computer labs, a food and beverage commons, and room for current periodicals and new books. The space vacated by these uses on the first floor of the main library area will allow relocation and expansion of the reference section and processing area, and will provide more lounge seating in the lobby area.

The university says advancing technologies have allowed it to scale back the scope of the project from previous requests, allowing CMU to meet student needs with less physical space for housing books and periodicals while repurposing existing space for computer areas, classrooms, group study and seating areas, and student spaces that promote interaction between students and faculty.

#### PROJECT JUSTIFICATION

Tomlinson Library is over 25 years old, and CMU says the space is no longer adequate to accommodate the university's growing enrollment and collections, as well as changing technology. According to the university, the library's collections have increased from 126,000 volumes when it opened in 1986 to 300,000 now, an increase of 238 percent. Volume growth has caused the university to reduce seating and study areas in the library to make room for the new volumes. The university has also experienced an enrollment growth of 2 to 3 percent per year over this time period. The university says enrollment has increased 50 percent since 2008, with continued high growth projected throughout the coming decade. This growth has placed pressure on existing learning space. According to the university, hour-by-hour counts show that computer lab and patron usage reaches the library's capacity frequently, especially during finals week. CMU states that the addition of a Mechanical Engineering program, Construction Management program, and master's degree in Teacher Education, as well as the expansion of health science programs, has put heavy demands on the library's resources, making this project even more critical. The university says expanding Tomlinson Library will help meet student demand and promote a better learning environment. Renovating existing space will allow the university to address deficiencies in several areas including energy efficiency, ADA compliance, temperature control, noise, lighting, and security.

If the project does not move forward, the university says the library will become incrementally more crowded, limiting opportunities for students to access the learning resources they need. In addition, the library will have insufficient space to properly support high-demand programs.

#### PROGRAM INFORMATION

Founded in 1925, CMU offers liberal arts, professional, and technical programs at the certificate, associate degree, baccalaureate degree, and master's degree levels. Enrollment for 2013 at CMU is 7,667.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University

Tomlinson Library Addition and Renovation

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	August 2013	December 2013
Construction	September 2014	September 2015
Equipment	September 2015	December 2015
Occupancy		December 2015

### LEED CERTIFICATION INFORMATION

CMU is dedicating \$107,320 of the project's total construction costs of \$17,179,513, or 0.6 percent, to the High Performance Certification Program. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is donations. In the event the fund-raising campaign falls short, the university says it will either debt finance any shortage or use institutional reserves, depending on the amount. At this time, CMU says it appears the university will achieve the fundraising goal.

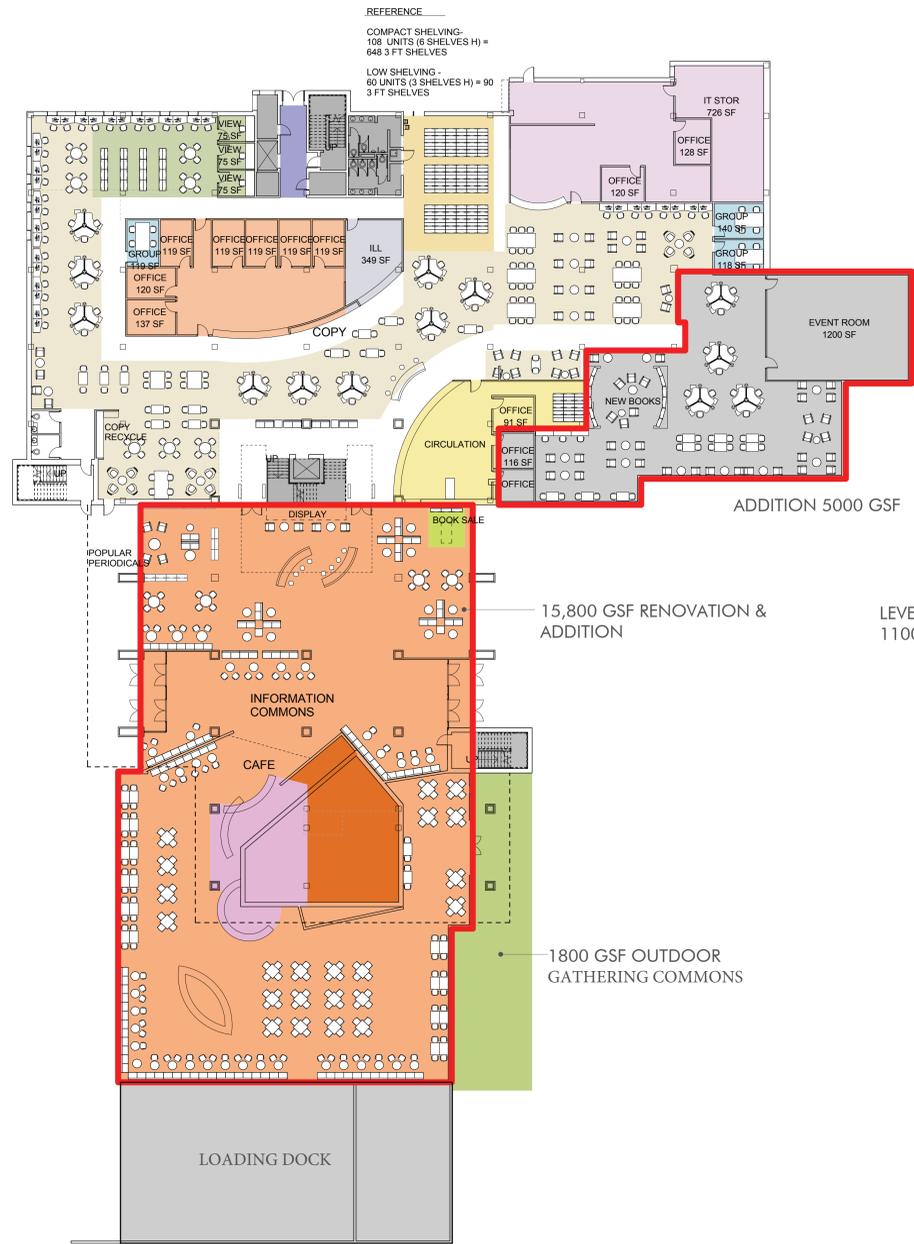
### OPERATING BUDGET

Operating expenses are paid from institutional sources.

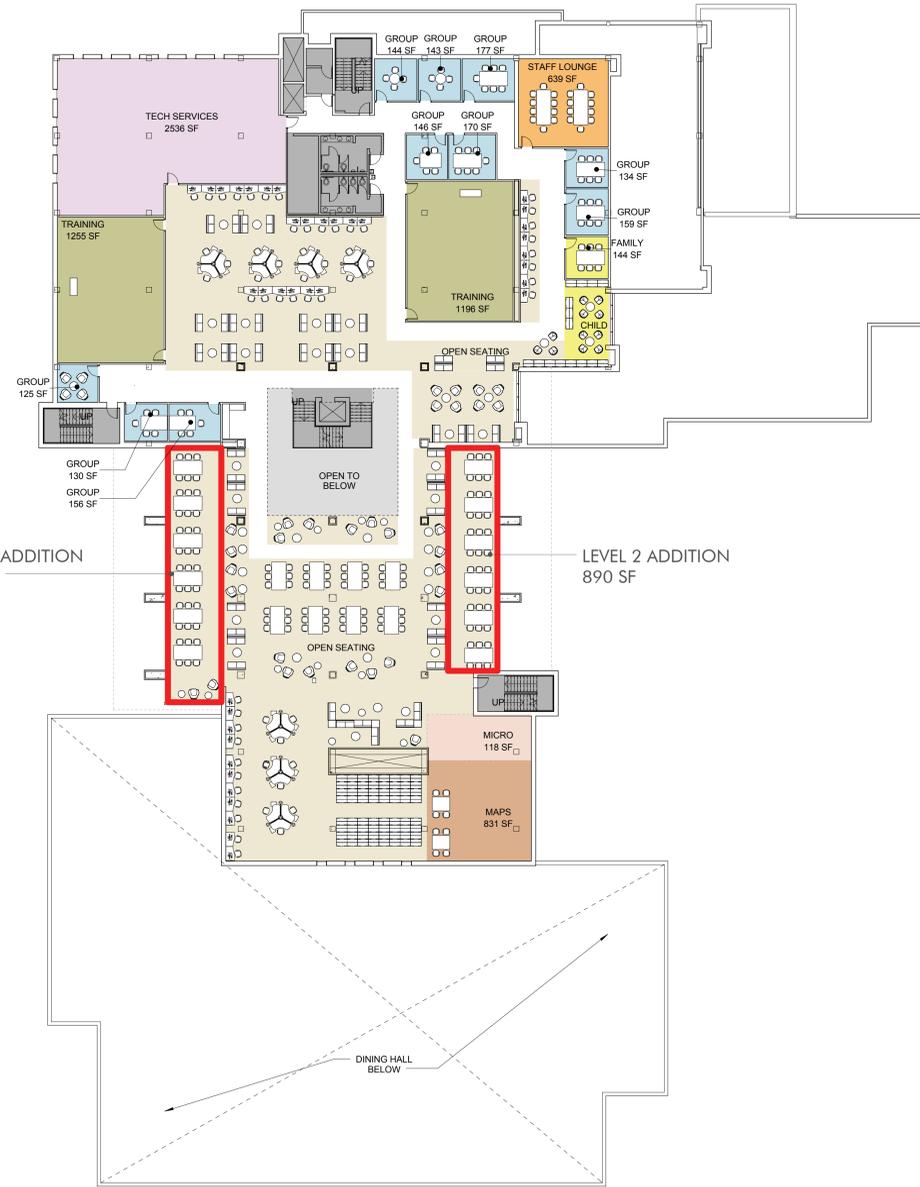
### STAFF QUESTIONS AND ISSUES

1. Since the size of the south addition has been reduced from previous requests, what functions were downsized or eliminated by this rescoping of the addition as compared to previous plans?

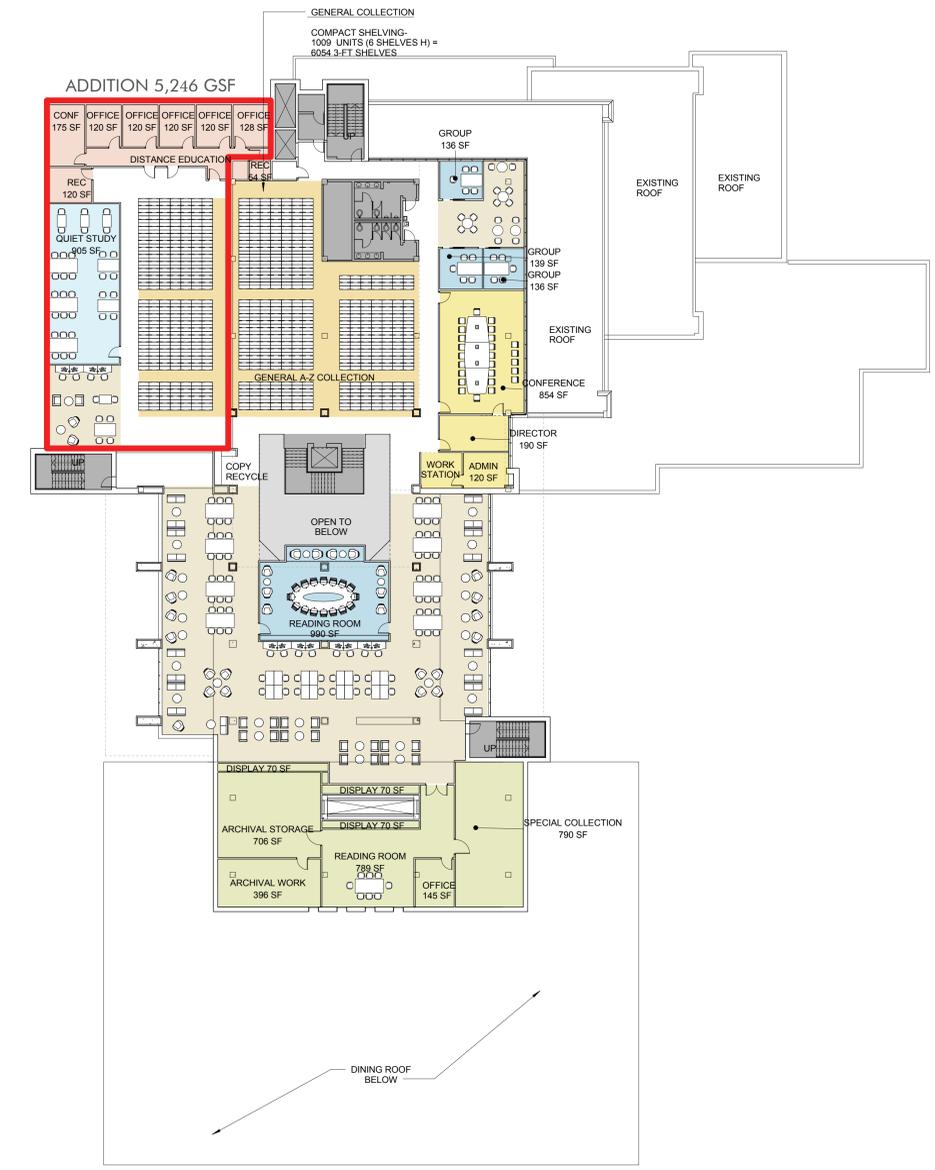
*The current project scope is for a one story addition at ground level on the south and west sides of the existing Tomlinson to accommodate the new information commons and study space/café area. Previous design options included south additions on the upper floors for expansion of library stacks. However, much of this space that was formerly needed for collections is not needed with advancements in accessing information digitally/virtually through advanced information access databases/technologies. This physical space reduction will be supplanted with investments in learning technologies, enhanced student support services, and new student study space configurations on all three floors.*



LEVEL 1



LEVEL 2



LEVEL 3

SCALE: 1" = 20'-0"

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University *Health Sciences Department Remodel*

### PROGRAM PLAN STATUS

2015-007

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	2 of 3	
CCHE	16 of 31	
OSPB	35 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$6,974,130	\$0	\$0	\$6,974,130
CF	\$0	\$2,000,000	\$0	\$0	\$2,000,000
<b>Total</b>	<b>\$0</b>	<b>\$8,974,130</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,974,130</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$957,569	\$0	\$0	\$957,569
Construction	\$0	\$6,191,861	\$0	\$0	\$6,191,861
Equipment	\$0	\$1,364,331	\$0	\$0	\$1,364,331
Miscellaneous	\$0	\$61,919	\$0	\$0	\$61,919
Contingency	\$0	\$398,450	\$0	\$0	\$398,450
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$8,974,130</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,974,130</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado Mesa University (CMU) is requesting state funds to demolish 20,414 GSF in the Community Medical Practitioners Building, renovate 9,600 GSF in the building, and construct a 16,000-GSF addition to the building. When the project is complete, the building will be renamed the Health Sciences and Nurse Practitioner Center and will accommodate the Health Sciences Department, which is currently housed in the Maverick Center. CMU says the project will help it 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.

When complete, the Health Sciences and Nurse Practitioner Center will feature the following spaces and amenities:

- classrooms, including specialized health care classrooms;
- computer labs;

## Fiscal Year 2014-15 Capital Construction Request

### Colorado Mesa University

#### *Health Sciences Department Remodel*

- an X-ray lab;
- observation rooms;
- critical care simulation labs;
- clinical labs;
- post-clinical conference rooms;
- a student resource room;
- conference rooms, including a webinar-capable room;
- individual faculty offices;
- separate graduate program space, including primary care offices;
- a production/lecture capture room for filming medical procedures;
- the latest in medical technologies; and
- student interactive spaces.

The renovation includes replacement of all mechanical systems, electrical systems, plumbing, and interior finishes in the existing space. The university says this is the first project in a multi-phase effort to meet the Health Sciences Department's growing demand. Future phases will be constructed under separate capital requests.

#### PROJECT JUSTIFICATION

The university says it is expanding its health care programming to meet a growing demand for health care instruction, which it says will help to alleviate a shortage in health care professionals both regionally and statewide. Additionally, CMU explains that the current space for health care programming is inadequate.

Since 2010, CMU's health sciences budget has grown 61 percent, while the credit hours of health care instruction offered have grown 29 percent and program faculty members have increased by 41 percent. This growth is expected to continue or accelerate in the coming years, with new health care programs recently added and new degree offerings planned. The university says health care faculty will need to grow by at least 20 percent to meet demand. As evidence of the high demand exhibited for health care instruction at CMU, the university notes that its bachelor of science in nursing program has over 100 applicants for 36 available placements each semester, and 80 applicants each year for 30 placements in its practical nursing program.

According to the university, the nationwide nurse practitioner workforce is expected to grow by 94 percent from 2008 to 2025, while still running a 20 percent deficit in these professions in 2025. Citing a paper by the Colorado Center for Nursing Excellence, CMU says Colorado higher education institutions graduate 1,900 nurses annually, but the state has an annual need of 3,000 new nurses. The center further notes that more than 60 percent of the state's registered nurses are educated out of state, stating that "Colorado can no longer rely on other states to educate our nurses as it has in the past, but must develop sufficient internal capacity to meet the needs of Colorado residents."

CMU's Health Sciences Department is currently housed in the Maverick Center, which is home to the university's athletics and recreation functions. The department is spread over three separate areas on two levels of the building, with no space to expand within the building. The university says the department's overcrowded conditions have resulted in a lack of office space for faculty, with multiple faculty members sharing offices sized for one member; overflowing storage spaces; a lack of dedicated, secure space for expensive equipment; and limited meeting and gathering space for student/faculty interaction. Further, the disjointed arrangement of the program's space in the Maverick Center has resulted in faculty offices being located separately from labs and classrooms, and the university says the department's growth pattern requires larger classrooms and labs.

#### PROGRAM INFORMATION

CMU's Health Sciences Department consists of the following four health care professional programs:

- Nursing, including programs for certified nurse assistant, medical office assistant, licensed practical nursing, baccalaureate in nursing, master's degree in nursing with tracks in education and advanced clinical nursing, and a doctor of nurse practice with an emphasis in family nurse practitioner;
- Radiologic Technology;

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University

### Health Sciences Department Remodel

- Emergency Medical Services, including a new class in emergency medical response; and
- Medical Laboratory Technology, including phlebotomy.

For 2013, the department has added a professional certificate program in Health Information Technology Systems, and is exploring the potential for offering the following degrees and certificates:

- Surgery Technician;
- Occupational Therapist Aid;
- Physical Therapist Aid;
- Pharmacy Technician;
- Health Care Coach; and
- Case Manager.

The department also services rural communities in the region by delivering selected coursework via online and distance learning technologies. The university says its career ladder approach allows health care professionals to continue their education to the next level while maintaining employment in the field. Further, the university says the hands-on teaching methods employed by the Health Sciences Department provide students with the opportunity to master course content and skills while allowing them to gain valuable experience in their field.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	May 2014	September 2014
Construction	August 2014	May 2015
Equipment	June 2015	July 2015
Occupancy	August 2015	August 2015

#### LEED CERTIFICATION INFORMATION

The university is dedicating \$46,000 of the project's total construction cost of \$6,191,861, or 0.7 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

Operating expenses are paid from institutional sources. The university says the project's operating impact is estimated be \$5 per square foot or \$132,500 per year; the university says it is prepared to meet this budget requirement.

#### STAFF QUESTIONS AND ISSUES

1. Is the 20,414 GSF in the Community Medical Practitioners Building to be demolished under this project too outdated or structurally inadequate to be remodeled? What are the demolition costs?

*The area to be demolished has wood over-framing above the original flat roof. The over-framing was added during a re-roof project to provide cross slope to help with drainage. All of the space within the portion chosen for demolition*

## Fiscal Year 2014-15 Capital Construction Request

### Colorado Mesa University

#### *Health Sciences Department Remodel*

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*has very low ceiling clear heights that make the space difficult for use as classroom, seminar, lab, or other academic space. In addition, the older portion of the building chosen for demolition is wood framed with multiple load bearing walls that have been used to divide the space into very small areas that do not meet the area requirements for classroom, seminar, lab, and other academic space. The cost to raze the existing structure will be \$106,000, based on recent bids for similar work. CMU spends on average, \$4.42/square foot to tear down an existing wood framed structure.*

2. The request states that this project is the first phase of construction intended to meet growing demand for Health Sciences. Please briefly describe the future phase or phases of construction, and when the university plans to construct these facilities.

*Phase II of the Health Sciences expansion/relocation is tabulated in the third section of Chart E on page 15 of the program plan. These spaces will remain in the Maverick Center until CMU assumes occupancy of the main Community Hospital building in 2016 and the Phase II renovation project to accommodate them is completed. Future phases beyond this have not been determined but the large site will allow substantial future growth to meet increasing health care professional needs in the region.*

3. How many graduates of the Health Sciences Department are working in the region?

*Since Academic Year (AY) 2007-2008, Health Sciences has awarded 816 Nursing degrees at the certificate, associate, and baccalaureate levels, 96 Emergency Medical Services degrees, and 86 Radiologic Technology degrees, for a total of 998 degrees. CMU's first cohort of our Master of Science in Nursing will graduate in December 2013 and our first cohort of Doctor of Nursing Practice will graduate in December 2015. Of the AY 2012-2013 graduates who responded to CMU's graduation survey, 79 percent reported that they already had jobs lined up on the Western Slope for after graduation.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University

*Combined Cooling, Heating, and Power System*

### PROGRAM PLAN STATUS

2015-008

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	3 of 3	
CCHE	26 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$6,814,092	\$0	\$0	\$6,814,092
<b>Total</b>	<b>\$0</b>	<b>\$6,814,092</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,814,092</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$1,043,386	\$0	\$0	\$1,043,386
Construction	\$0	\$5,343,787	\$0	\$0	\$5,343,787
Equipment	\$0	\$49,000	\$0	\$0	\$49,000
Miscellaneous	\$0	\$53,438	\$0	\$0	\$53,438
Contingency	\$0	\$324,481	\$0	\$0	\$324,481
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$6,814,092</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,814,092</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado Mesa University (CMU) is requesting state funds to construct a 1.5-megawatt combined cooling, heating, and power (CCHP) system to integrate with its existing energy portfolio and provide power to a growing campus. CCHP systems use waste heat from an electricity generator for heating and cooling functions, a process called trigeneration. The university says the project will allow it to delay seeking an additional power supply from its energy provider and corresponds with efforts to "green" state government.

Under the project, CMU will construct a 10,000-GSF masonry building to house a new gas turbine, generator, heat recovery systems, absorption chillers, and associated power generation infrastructure. The turbine and generator will be placed below ground in a 12-foot-deep concrete foundation to decrease noise levels and provide an enclosure to contain fluid leaks. The heat recovery systems and absorption chillers will be placed above grade, and the main floor of the building will allow room for equipment storage, a control room, and offices.

The CCHP system will use excess heat from the electricity generator to provide hot or cold functions to the campus

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University

### *Combined Cooling, Heating, and Power System*

through the project's heat recovery systems and absorption chillers; likewise, the existing campus geexchange system uses the consistent temperature beneath the earth's surface to efficiently boost campus heating and cooling functions. Heat exchangers between heat recovery systems and absorption chillers installed by the project and the geexchange system will work in concert to regulate temperatures in the campus central loop. This process increases efficiency and allows the university to add new buildings to the campus grid without the need to drill new fields for the geexchange system.

The university is still considering the site location for the new CCHP system, and will make a decision on siting based on certain efficiency factors, including existing energy infrastructure locations and potential mutual benefits to the university, the city, Xcel Energy, and nearby St. Mary's Hospital.

### PROJECT JUSTIFICATION

The university says building a CCHP system will assist in meeting the growing energy demands of an expanding campus population in a cost-effective and energy-efficient manner. According to CMU, continued campus growth and expansion has resulted in the need for additional sources of energy to power the campus in the near and long term. The university has focused on incorporating a CCHP system into its energy portfolio because its use of waste heat from electricity generation is economical and will allow the university to cut peak energy demand by over half throughout the course of a year, reducing reliance on traditional energy delivery and benefitting both the university and its power supplier. Trigeneration also represents a more efficient and environmentally sensitive energy option. Following are additional benefits of installing a CCHP system on campus:

- electricity produced by the system may be fed into the public grid or used to cover campus electricity requirements;
- low maintenance expenses, since the system has no moving parts;
- low operating and life-cycle costs;
- since the system uses water as a refrigerant, ozone-damaging substances are eliminated;
- the system will serve as an uninterrupted back-up power source for the campus; and
- the system may be seamlessly integrated into the existing campus power system.

CMU notes that the design and operation of the CCHP system will provide a learning opportunity for its students and faculty in the Landman/Energy Management, Construction Management, Mechanical Engineering, Hospitality Management, and Masters of Business Administration programs.

**Project alternatives.** The university says not building a CCHP system would require negotiations with Xcel Energy to provide an additional power supply to meet the university's growing energy demands. According to the university, even if the CCHP system is constructed, the decision to seek an additional power supply from the provider may only be delayed 10 to 15 years based on campus growth. Discussions continue between CMU and Xcel to identify the most practical and cost-effective means of linking an additional power supply from the main grid to campus.

### PROGRAM INFORMATION

Founded in 1925, CMU offers liberal arts, professional, and technical programs at the certificate, associate degree, baccalaureate degree, and master's degree levels. Enrollment for 2013 at CMU is 7,667. The university consumes approximately 23.5 million kilowatt-hours of electricity per year, with a peak demand low of 3,055 kilowatts in the winter months and a high of 4,298 kilowatts during the summer. Xcel Energy is the campus energy provider, and the university employs "green" technologies in its energy portfolio, including a geexchange system, ground source heat pumps, and solar.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Mesa University

Combined Cooling, Heating, and Power System

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	August 2014	January 2015
Construction and Equipment	January 2015	March 2016
Occupancy	March 2016	May 2016

### LEED CERTIFICATION INFORMATION

The university is dedicating \$55,000 of the project's total construction costs of \$5,343,787, or 1.0 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The project will require two FTE at \$140,000 per year, plus \$60,000 in maintenance costs. In addition, the facility installed by the project will increase power consumption on campus at a cost of between \$500,000 to \$1 million. These costs will be offset by savings in Xcel Energy demand and energy use charges.

### STAFF QUESTIONS AND ISSUES

1. The request says that Combined Cooling, Heating, and Power (CCHP) is one of several options being considered by the university for its power needs. Does this mean the university may ultimately choose another option? If so, is selecting this option premature?

*CMU continues exploring new, innovative ideas and technology to help reduce operating costs, lower our carbon footprint, and support job growth in the local economy. Trigeration represents what CMU believes to be a state-of-the-art new technology that could be used to provide some portion of the additional power needed to support our growing campus and student population. Trigeration alone will not be sufficient to provide all of the additional power that will be needed as our campus continues to expand west, towards 7th Street, but would significantly delay the point in time where an additional electrical feed will have to be provided by Xcel Energy. Trigeration represents what we believe to be the best solution while providing the added long term benefit of having a convenient, uninterrupted, reliable source of back-up power in the event of an Xcel Energy power outage. The university is also exploring partnering with St. Mary's hospital and District 51 (Grand Junction High School) to see if there are mutual benefits for all entities.*

2. How will the project provide a learning opportunity for students and faculty, as suggested in the project request?

*Trigeration technology generates electricity, steam and both hot and cold water through the combustion of a fossil fuel (natural gas). The technologies involved can best be explained through the application of thermodynamics. CMU, in a partnership with the University of Colorado, offers a Mechanical Engineering degree in which the laws of thermodynamics are studied in great detail. CMU also offers courses in energy management, accounting, and various other degrees where one of the topics of discussion includes the ever-rising cost of utilities and ways to decrease said costs. A trigeration plant at CMU would provide a living, learning, hands-on laboratory for our students and professors.*

## Fiscal Year 2014-15 Capital Construction Request

### Colorado Mesa University

#### *Combined Cooling, Heating, and Power System*

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3. Is there any chance that this project, if funded, would eliminate the need for the campus to seek an additional power supply from Xcel Energy?

*No, the addition of a trigeneration facility will only delay the point in time when an additional feed is necessary. The trigeneration facility that has been planned for would generate 4,065,583 kWh/year in its first year of operation, if it were operated for 8 hours each day, 23 days per month. CMU's most energy efficient buildings operate at between 10 and 12 kWh/square foot/year, while other, older buildings can be as high as 16-17 kWh/square foot/year. CMU has added, on average, 80,000 to 100,000 square feet to the campus per year over the last seven years. Trigeneration would potentially delay the need for an additional feed from Xcel Energy for another 8 to 10 years based on expected campus growth.*

# Two-Year Projection of Cash Need

Colorado Mesa University

Wednesday, December 04, 2013

**SUGGESTED MOTION:**

*Approve the new project listed on the Colorado Mesa University two-year projection of cash need.*

**Requires Reauthorization, Two-Year Period Elapsed**

Project Name	LEED Certification	Amount	Fund Source
<b>Student Parking Structure</b>	TBD	\$13,950,000	CF

2013-024

The project constructs a four-floor, 600-space student parking structure estimated to be 180,000 GSF. The university says the parking structure will be available both for commuter students and students living in campus housing, and is necessary to serve increasing enrollment.

The source of cash funds is bonds to be repaid with parking revenues and other auxiliary funds.

**Date Authorized Until:** *April 5, 2014*

**Subtotal: Requires Reauthorization, Two-Year Period Elapsed \$13,950,000**

**Grand Total, All Projects: \$13,950,000**

# Fiscal Year 2014-15 Capital Construction Request

## Colorado School of Mines

*Meyer Hall Replacement*

### PROGRAM PLAN STATUS

2007-136

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 2	
CCHE	1 of 31	
OSPB	22 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$14,600,000	\$0	\$0	\$14,600,000
CF	\$0	\$0	\$30,000,000	\$0	\$30,000,000
<b>Total</b>	<b>\$0</b>	<b>\$14,600,000</b>	<b>\$30,000,000</b>	<b>\$0</b>	<b>\$44,600,000</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$4,140,190	\$0	\$0	\$4,140,190
Construction	\$0	\$6,538,339	\$30,000,000	\$0	\$36,538,339
Equipment	\$0	\$1,512,285	\$0	\$0	\$1,512,285
Miscellaneous	\$0	\$440,000	\$0	\$0	\$440,000
Contingency	\$0	\$1,969,186	\$0	\$0	\$1,969,186
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$14,600,000</b>	<b>\$30,000,000</b>	<b>\$0</b>	<b>\$44,600,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado School of Mines (Mines) is requesting state funds to construct a 95,090-GSF, four-story research facility for the College of Applied Science and Engineering (CASE) on the site currently occupied by Meyer Hall. The university says that this project is needed to:

- address space insufficiencies;
- replace an antiquated facility;
- provide improved learning, teaching, and research spaces; and
- attract top students and faculty to the CASE program.

The CASE program is comprised of four academic departments — Chemical and Biological Engineering, Chemistry and Geochemistry, Metallurgical and Materials Engineering, and Physics — and two interdisciplinary programs — the

## Fiscal Year 2014-15 Capital Construction Request

### Colorado School of Mines

#### *Meyer Hall Replacement*

Materials Science and Nuclear Science and Engineering programs.

This year's request for Phase I includes the project's design and bid solicitation, demolition of a smaller portion of Meyer Hall, and the construction and equipment of a 54,000-GSF four-story tower. Phase II will demolish the rest of Meyer Hall and construct and equip a 41,000-GSF four-story tower. An open area, to be constructed in Phase II, will connect the two sections of the building.

The new facility will house a variety of state-of-the-art learning spaces including classrooms, lecture halls, small group learning and collaborative spaces, instructional labs, and research labs. It will also house administrative and faculty offices, student activity space, and a multiple-story public entrance displaying works related to ongoing research activities in the building. Specific spaces in the building include:

- two lecture halls, one seating 200 and the other seating 125;
- two classrooms and two physics studios;
- five instructional lab spaces;
- a 45-station computer laboratory;
- hazardous materials, nuclear accelerator, electronics materials, and analytical instrument labs;
- a student group-study lounge;
- a machine shop;
- an electronics shop for instrument repair and construction;
- offices for faculty and graduate students; and
- various support spaces, including a loading dock, hazardous materials staging area, and mail room.

The project will also include a new pedestrian-friendly environment along 16th Street and the commons, an improved facade, and more green space.

### PROJECT JUSTIFICATION

According to the university, Meyer Hall lacks sufficient space for the growing CASE program, and the space it currently uses is functionally obsolete. Mines says constructing a new building for the department will help the school achieve its key strategic goals, and notes that the department's current accommodations are having a negative impact on the reputation of its nationally-ranked programs.

The majority of the CASE program functions at Mines are housed in Meyer Hall, a building constructed in 1964 when student population was about half of its present size. Because the Chemistry, Engineering, and Physics departments serve the entire student body at the college, its classrooms are some of the most used facilities on campus. Mines says that every student at the college must take courses in these disciplines during the first two years of school and, as a result, CASE is a fundamental component of the school's academic structure, much like liberal arts programs at many other higher education institutions. The school's strategic plan projects the following increases from current levels by 2017: faculty and staff up 28 percent; undergraduate students up approximately 9 percent; and graduate students up 32 percent.

The school says that Meyer Hall is the oldest non-renovated academic building on campus. The space in Meyer Hall is physically fragmented, resulting in isolated laboratories, classroom facilities, and faculty office space. As a result, the school says that the facility does not support flexibility or program interaction and integration. The school says the building's HVAC and electrical systems are at capacity, and all of its windows have functionally failed. There is no fire sprinkler system in Meyer Hall, and return air in the building is conveyed via hallways, both of which Mines says are code violations. In addition, low ceilings in the building do not allow for the use of certain types of laboratory equipment.

According to the school, physics and science education is an increasingly critical part of the evolving culture and economy in the state. The new facility will encourage integrated science teaching and research methodologies, critical to developing effective workplace skills in technical fields. The building will serve as a magnet for the CASE program, generating new research funding, attracting top-quality faculty, and drawing the nation's and world's best students in physics, engineering, and science. The new building will support the school's strategic goals of enhanced student learning, greater service to the community, and increased support for teaching, research, and creative work.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado School of Mines

### *Meyer Hall Replacement*

The building also directly addresses the school's sponsored research goals of student engagement in the discovery and creation of new knowledge, and of improving the reputation of Mines as a premier research institution, says the school.

**Project alternatives.** Mines says there is no space in Meyer Hall or elsewhere on campus for CASE program expansion. The university also says renovating the building is not cost effective. Therefore, it has identified replacing the building as its only option.

#### PROGRAM INFORMATION

According to Mines, its Chemical and Biological Engineering program is ranked number one for best lifetime return on investment (i.e., graduate's salaries). Its Physics Department is a nationally renowned program in its field, ranked number six in the nation for its undergraduate program by the American Physical Society. At the research level, the CASE department's Renewable Energy Materials Research Science and Engineering Center, which is sponsored by the National Science Foundation in collaboration with the National Renewable Energy Laboratory, is working to help meet world energy needs. Mines says the center is focused on transformative materials advances and educational directions that impact emerging renewable energy technologies.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	December 2015
Construction	January 2016	July 2018
Equipment	June 2016	July 2018
Occupancy	January 2017	July 2018

#### LEED CERTIFICATION INFORMATION

Mines is dedicating \$850,000 of the project's total construction costs of \$36,538,339, or 2.3 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second-highest of four possible certification levels, with a LEED silver baseline if the gold standard is not achieved.

#### SOURCE OF CASH FUNDS

The source of cash funds for this project is donations. The school plans to raise the majority of the funds from one to two major benefactors, and the remaining funds from smaller donations. The moneys will be held in an interest-bearing money market account designated for this project.

#### OPERATING BUDGET

This project has no projected impact on state operating costs. Due to current inefficiencies, the school estimates it will achieve a cost savings that will help it to operate the additional space, and therefore estimates no impact on its operating budget.

#### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado School of Mines

*Heating Plant Renovation (Capital Renewal Project)*

### PROGRAM PLAN STATUS

2015-009

Approved Program Plan?  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	2 of 2	
CCHE	14 of 31	
OSPB	33 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$6,150,000	\$0	\$0	\$6,150,000
CF	\$0	\$6,150,000	\$0	\$0	\$6,150,000
<b>Total</b>	<b>\$0</b>	<b>\$12,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,300,000</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$1,274,903	\$0	\$0	\$1,274,903
Construction	\$0	\$5,404,378	\$0	\$0	\$5,404,378
Equipment	\$0	\$4,263,747	\$0	\$0	\$4,263,747
Miscellaneous	\$0	\$238,790	\$0	\$0	\$238,790
Contingency	\$0	\$1,118,182	\$0	\$0	\$1,118,182
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$12,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,300,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado School of Mines (Mines) is requesting a combination of state funds and cash funds spending authority for a capital renewal project to renovate the 15,888-GSF Heating Plant, which uses steam to provide heating, domestic hot water, and cooling to all of the major buildings on campus through tunnels and pipes. The capital renewal approach focuses on upgrading building systems, infrastructure, and basic building components within existing buildings on a building-by-building basis, rather than project by project. The school says failure of the plant could shut down the campus.

The project will replace failing boiler equipment and address code and life-safety issues. Specifically, the project will:

- remove existing boiler infrastructure and install new boilers, stacks, piping, valves, deaerators, pumps, and controls;

# Fiscal Year 2014-15 Capital Construction Request

## Colorado School of Mines

### Heating Plant Renovation (Capital Renewal Project)

- make structural modifications to the floors and walls;
- replace the backup generator, electrical panels and devices, and lighting systems;
- install a new heating, cooling, and ventilation system;
- install fire doors, a second exit, a fire sprinkler system, and a fire alarm; and
- abate asbestos-containing materials.

A 2013 facility audit gave the Heating Plant a Facility Condition Index Rating (FCI) of .50, well below the Office of the State Architect's target rating of .85 for state buildings. This rating is a ratio of facility deficiencies to current replacement value. The audit noted that the building's foundation, roof, and exterior walls are in good condition.

#### PROJECT JUSTIFICATION

Mines says the Heating Plant provides heating, cooling (through steam absorption chillers), and hot water to the major buildings on campus via steam, and the plant's failure could have severe consequences for the school, potentially shutting down the campus and jeopardizing the academic and research mission of the institution. Constructed in 1948, the Heating Plant has been serving the campus with two large steam boilers in place since 1970. In 2012, one of the boilers failed, requiring the school to procure an emergency replacement to maintain utility service; the replacement boiler was installed in a parking lot near the Heating Plant. Other components in the Heating Plant are beyond their useful life. Mines purchases additional steam from MillerCoors, which is delivered by way of a half-mile-long steam line. The school says the delivery line for this steam is increasingly unreliable due to corrosion and will eventually fail. Without a reliable source of steam, Mines says the school cannot function. If steam service were to halt during winter weather, buildings on campus could freeze causing property damage, while steam service interruption during the summer would halt the provision of cooling to several major academic and research facilities and disrupt domestic water heating for academic and student life functions. Completing the project will provide the campus with the reliable source of steam it needs, while eliminating reliance on MillerCoors as a steam source. In addition, the project will bring the Heating Plant into code compliance, improving safety for individuals who work there.

#### PROGRAM INFORMATION

Founded in 1874, Mines is a public teaching and research university devoted to engineering and applied science, with expertise in natural resource development and stewardship. The Heating Plant has provided steam utility service to the campus since 1948.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	February 2015
Construction and Equipment	March 2015	March 2016
Occupancy		March 2016

#### LEED CERTIFICATION INFORMATION

Mines says it will seek a waiver from the High Performance Certification Program for the project, but it will utilize best practices in design and engineering to optimize building systems and components. See No. 3 in the Staff Questions and Issues section for further information.

#### SOURCE OF CASH FUNDS

The source of cash funds for the project is university general funds, which the university says are set aside annually for capital renewal.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado School of Mines

*Heating Plant Renovation (Capital Renewal Project)*

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### OPERATING BUDGET

Operating expenses are paid from institutional sources.

### STAFF QUESTIONS AND ISSUES

1. Will Mines continue to maintain the steam lines between the campus and MillerCoors? If so, will MillerCoors continue to supply steam to the campus?

*No, Mines would not continue to maintain the lines to MillerCoors. The cost of steam from MillerCoors is escalating and will likely rise to level that is not competitive with the cost of producing steam in the new heating plant.*

2. Would it cost more than the price of this project to demolish the Heating Plant and construct a new one?

*Yes. The existing Heating Plant foundations and superstructure are suitable for use in the renovation and provide cost savings versus building new. Reusing the Plant also saves the cost of extending the point of connection of the steam mains and associated tunnels, as well as utility connections for water, sewer and power.*

3. Can the boiler that was procured for emergency purposes in 2012 be installed in the Heating Plant?

*Yes. The boiler installed for emergency purposes will be incorporated into the design of the renovation.*

4. Why will Mines not seek LEED certification for the building once the project is complete? How much of the project's funding, if any, will the school dedicate to the High Performance Certification Program?

*Mines will seek a waiver from the HPCP program based on the renovation being less than 5,000 GSF. The majority of scope for the project involves the process system (boilers and related work to install and operate them) in the building. This work is not considered part of the renovation. Renovation not related to the process system involves remedial building code and structural upgrades and does not affect over 5,000 GSF.*

*Mines will incorporate sustainable priorities in the design and will aggressively design for energy efficiency and low emissions for the Heating Plant renovation. Additionally, a consultant will be engaged to develop and coordinate third party commissioning for the building and process system.*

**Colorado School of Mines  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Current Year Request(s)</i>							
Heating Plant Renovation (Capital Renewal Project)	CCF	6,150,000	0	0	0	0	\$6,150,000
	CF	6,150,000	0	0	0	0	\$6,150,000
Meyer Hall Replacement	CCF	14,600,000	0	0	0	0	\$14,600,000
	CF		30,000,000	0	0	0	\$30,000,000
<i>Out Year Request(s)</i>							
Green Center Renovation	CCF	0	3,500,000	28,000,000	3,500,000	0	\$35,000,000
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		20,750,000	3,500,000	28,000,000	3,500,000	0	\$55,750,000
<b>Grand Total</b>		<b>\$26,900,000</b>	<b>\$33,500,000</b>	<b>\$28,000,000</b>	<b>\$3,500,000</b>	<b>\$0</b>	<b>\$91,900,000</b>

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

### *Chemistry Building Addition*

#### PROGRAM PLAN STATUS

2009-020

Approved Program Plan?  Yes  No

Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 7	
CCHE	3 of 31	
OSPB	24 of 42	Prioritized, but not recommended for funding.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$15,000,000	\$23,000,000	\$12,000,000	\$50,000,000
CF	\$0	\$0	\$5,400,000	\$0	\$5,400,000
<b>Total</b>	<b>\$0</b>	<b>\$15,000,000</b>	<b>\$28,400,000</b>	<b>\$12,000,000</b>	<b>\$55,400,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$5,770,539	\$700,000	\$100,000	\$6,570,539
Construction	\$0	\$8,395,829	\$25,181,456	\$4,739,843	\$38,317,128
Equipment	\$0	\$0	\$823,001	\$6,505,111	\$7,328,112
Miscellaneous	\$0	\$83,958	\$336,922	\$85,554	\$506,434
Contingency	\$0	\$749,674	\$1,358,621	\$569,492	\$2,677,787
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$15,000,000</b>	<b>\$28,400,000</b>	<b>\$12,000,000</b>	<b>\$55,400,000</b>

#### PROJECT STATUS

This is the seventh request for funding. Funding on behalf of the project has been requested each year since FY 2008-09.

The project was included in the House Joint Resolution 08-1042 prioritized list of capital projects to be financed through the issuance of certificates of participation (COPs) to be repaid from Federal Mineral Lease revenues. There was not sufficient revenue from this source to include the project in the November 2008 COP issuance.

#### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) is requesting state funds for the first phase of a three-phase project to construct a 60,000-GSF stand-alone structure east of the existing Chemistry Building in the planned science quad on the main campus. The project addresses a shortage of laboratory and associated office space for faculty and students. This year's request for Phase I will fund design and construction. Phases II and III will fund construction and equipment.

The addition will be used by the faculty, research staff, and students in the College of Natural Sciences, including the

## Fiscal Year 2014-15 Capital Construction Request

### Colorado State University

#### *Chemistry Building Addition*

Chemistry, Biology, Biochemistry and Molecular Biology, and Biocore programs. The lab space will primarily house synthetic organic and inorganic chemistry programs that make heavy use of fume hoods as part of instruction and research. The facility will include the following:

- 42,702-GSF of lab and lab support space, including a microscopy suite;
- 8,651-GSF of faculty office space; and
- 6,303-GSF of seminar and meeting spaces for study and collaboration.

Labs will be located along the exterior walls of the building, and lab support and office spaces will be located in the interior of the building. Each lab will contain eight benches within a 22-by-22 foot space. Lab support space will be directly adjacent to the labs, and contain an 11-by-11 foot space for equipment, fume hoods, glass wash, instruments, and office work.

The project includes \$5.3 million in fixed equipment purchases, including 136 fume hoods, a high-resolution transmission electron microscope, and a scanning electron microscope.

The university indicates that there will be no disruption to academic classes during construction, other than the move to the finished facility.

#### PROJECT JUSTIFICATION

CSU says that in order to meet its goal of increasing the number of faculty and researchers in the College of Natural Sciences, it needs a state-of-the-art facility to attract talent and to have sufficient space for faculty to teach and conduct research. The university has identified this project as its highest capital construction priority.

According to the university, outdated instructional facilities contribute to diminished program quality at a time when program demand is high. The university reports that its campus-wide space utilization is currently at full capacity. Consultants working for the university reported a need for an additional 683,355 square feet of assignable space throughout the campus. Additionally, instruction and research labs campus-wide are at full capacity. In the Chemistry Building, there is a total programmatic space deficit of about 46,000 ASF. The completion of the Chemistry Building will meet the projected ASF deficit in the building.

In addition, the university says the project will reduce the use of fume hoods in the existing Chemistry Building and thus reduce air handling and HVAC problems that persist because of the age of the facility and the high volume of use.

**Project alternatives.** Leasable space, renovation of existing space, and sharing existing facilities were all considered as alternatives to the new addition, however none of these alternatives were deemed sufficient by CSU. The age and deficiencies of the current Chemistry Building, the need for new fixed equipment, and the overall space deficit on campus make the current request the only way the university believes it can accomplish the goals of its Strategic Plan.

#### PROGRAM INFORMATION

The Chemistry Building was built in 1971. The National Research Council rated CSU's Department of Chemistry as 37th of 168 institutions with chemistry Ph.D. programs in 2010. The Department of Chemistry was recognized as a Program of Research and Scholarly Excellence in 1991, 1995, 1999, and 2003. The university's undergraduate program offers an American Chemical Society (ACS)-certified degree track; a non-ACS certified degree track for students wanting course flexibility; and two summer undergraduate research opportunities. For graduate students, the university offers programs in the fields of analytical, chemical biology, inorganic, materials chemistry, organic, and physical chemistry.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

### *Chemistry Building Addition*

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#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	June 2015
Construction	July 2015	December 2016
Equipment	October 2016	December 2016
Occupancy	November 2016	December 2016

#### LEED CERTIFICATION INFORMATION

CSU is dedicating \$1,529,580 of the project's total construction costs of \$33,483,379, or 4.6 percent, to the High Performance Certification Program. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

#### SOURCE OF CASH FUNDS

The source of cash funds for this project is bonds to be repaid from university sources. The university says the anticipated interest rate on the bond will be between from 4.624 to 5.2 percent, and the maturity date will be between 15 to 30 years. At 5 percent for 30 years, the annual payment will be approximately \$350,000.

#### OPERATING BUDGET

Operating expenses are paid from institutional sources. The university estimates an annual operating cost of \$742,400 for the addition, which includes utilities, maintenance, and custodial expenses.

#### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

*Animal Sciences Building Renovation and Expansion, Phase II*

### PROGRAM PLAN STATUS

2015-021

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	2 of 7	
CCHE	12 of 31	
OSPB	31 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$4,863,456	\$0	\$0	\$4,863,456
<b>Total</b>	<b>\$0</b>	<b>\$4,863,456</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,863,456</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$337,000	\$0	\$0	\$337,000
Construction	\$0	\$3,400,592	\$0	\$0	\$3,400,592
Equipment	\$0	\$541,233	\$0	\$0	\$541,233
Miscellaneous	\$0	\$142,006	\$0	\$0	\$142,006
Contingency	\$0	\$442,625	\$0	\$0	\$442,625
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$4,863,456</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,863,456</b>

### PROJECT STATUS

This is a new request. Phase I of this project was approved through the two-year cash process.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) is requesting state funds to complete a Phase II renovation of 15,539-GSF of the Animal Sciences Building (48,409-GSF) on the Fort Collins campus. The Phase I request was approved for \$19.5 million through the two-year cash process; however, due to insufficient donor funds, the scope of the project was limited to \$9.5 million. Included in the reduced-scope Phase I project, currently underway, is the complete renovation of the second floor to laboratory space and a 2,400-GSF addition to the north of the building which will serve as the main entrance with group study, lobby, and conference areas. Phase II of the request includes:

- renovation of the basement's east and west wings and the first floor west wing from outdated laboratory space to office space;
- mechanical, electrical, and plumbing upgrades throughout the building;
- purchase of a back-up generator;
- purchase and installation of a replacement elevator; and

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

### *Animal Sciences Building Renovation and Expansion, Phase II*

- exterior upgrades, including paint and an energy-efficient curtain wall to be installed on the south side of the building.

The scope of the renovation will follow the Animal Sciences Building Expansion Program Plan, except that it no longer includes the south addition. When complete, three Animal Sciences programs — Nutrition, Meat Sciences, and Microbiology — will be redistributed into unique zones. The atmospheres of each zone will be separated in order to prevent cross-contamination of experiments.

## PROJECT JUSTIFICATION

The university says that the facility is being utilized to capacity, no longer meets the needs of the Animal Sciences Department, and cannot accommodate future growth in programs or enrollment.

According to CSU, the facility requires an additional 11,636-GSF to meet program needs. In addition, the disciplines housed in the building are intermixed throughout the facility when they should be more isolated and distinct, thus creating an unsafe and inefficient environment. The university believes the project is necessary to address concerns with the building's systems and to increase and better configure program space.

*Building systems.* CSU cites a number of problems with the building's existing systems — such as inadequate restrooms, outdated electrical and ventilation systems, and plumbing issues — and also lists the following code issues:

- the building lacks a sprinkler system that provides directives to the local fire authority;
- the ventilation and air exchange rates are below standards;
- the building is not accessible according to Americans with Disabilities Act (ADA) standards (i.e., the height of the railings, the spacing of the intermediate rails and the rise of the stairs do not meet current codes);
- asbestos insulation needs to be removed from the hot water supply lines and fittings; and
- meat processing areas do not meet USDA requirements for food safety because they are located on the opposite side of the building from the receiving area, and deliveries must be transported through the facility, which increases the risk of cross-contamination.

*Program space.* The university indicates that the classrooms, labs, and offices in the building are unappealing and dated. The number of inquiries into the animal sciences disciplines has increased annually, but CSU says potential students and faculty who walk through the facility decline invitations to join the program because the building lacks modern teaching spaces that other institutions have.

*Project alternatives.* CSU considered constructing a new 53,194-GSF facility, renovating the building while using large lecture halls elsewhere on campus, or maintaining status quo. However, it was determined that:

- a new facility would cost 20 to 25 percent more than the current addition and renovation proposal, and would require razing a building that is structurally sound;
- none of the lecture halls on campus can accommodate the department's special needs for refrigeration and suspension of animal carcasses for demonstrations; and
- it is not preferable to continue with the building's current deficiencies.

## PROGRAM INFORMATION

The Animal Sciences Building was constructed in 1959 and houses three programs: Meat Processing and Food Safety; Nutrition; and Microbiology. About 2,200 students are enrolled in the College of Agricultural Sciences and the Department of Animal Sciences, which oversee the three disciplines. Some courses in these disciplines are taught in other buildings on campus, and will remain there upon completion of the project.

The university states that, unlike other disciplines, the Animal Sciences programs are not nationally ranked by any group based upon an objective set of criteria. However, CSU indicates that its program is well-known and respected

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

### *Animal Sciences Building Renovation and Expansion, Phase II*

nationally based on publications, industry feedback, and demand from students and for faculty. In particular, Meat Sciences, Beef Cattle Breeding research, Ruminant Nutrition teaching and research, and Equine Sciences teaching and research are considered by CSU to be among the top five programs nationally. The university believes a disparity exists between the perception of these programs and interest from prospective students, and the size and condition of the program's facilities.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	October 2014
Construction	November 2014	March 2015
Equipment	March 2015	May 2015
Occupancy	May 2015	June 2015

#### LEED CERTIFICATION INFORMATION

Due to its narrowed scope, the project was granted a waiver from the High Performance Certification Program from the Office of the State Architect. CSU says that it remains committed to using best practices for the most energy efficient upgrades.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

Operating expenses are paid from institutional sources. The university expects the mechanical, electrical, and plumbing upgrades to improve efficiencies and therefore expects the project to have a neutral impact to its operating budget.

#### STAFF QUESTIONS AND ISSUES

1. Please provide further information on why donor funding did not materialize as expected?

*The last 3 years have been very hard on the livestock industry, so many potential donors have been unable to give to the program.*

2. Please provide further detail on how the project delay impacted project scope and construction costs?

*The project has not been delayed. The design started in early 2012 when CSU sold bonds for \$7.5M. It was apparent early in the design process that fundraising was behind, so the project manager directed the architect to develop a base scope of work for the available funding and a number of alternates should additional donations be raised. The design committee prioritized the work to be included in the base scope, which included consolidation of all the labs to the second floor; mechanical, plumbing, and electrical upgrades throughout the building; and an addition to the north that will provide new classrooms and study areas. The existing meat lab on the east side of the first floor was removed from the scope of work and remains operational during construction (it has its own mechanical system). The proposed south addition was deleted, and alternates for renovating the basement and first floor office areas were developed. The base scope of work is currently under construction.*

3. Will CSU be able to achieve everything included in the Animal Sciences Building Expansion Program Plan, or are there changes based on lack of funding?

## Fiscal Year 2014-15 Capital Construction Request

### Colorado State University

#### *Animal Sciences Building Renovation and Expansion, Phase II*

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*The request will allow CSU to achieve everything included in the plan except for the south addition. The addition will be the subject of a separate program plan when and if funding is available.*

4. Please clarify how daily operations have been and will be affected by construction.

*Most of the Animal Sciences Building faculty and staff have moved to swing space for the duration of Phase I construction. The meat processing lab on the first floor of the east wing of the building did not move and remains in operation during the construction. Classrooms were taken offline and classes have been moved to other locations on campus. This arrangement is inconvenient for the faculty and staff, but it has allowed the construction to take place with minimal impact to daily operations. If the requested funding is approved the current arrangements will continue until the end of Phase II construction, with minimal impact to daily operations.*

5. If the purpose of the project is to harmonize a particular discipline into one area of a building, why will some courses continue to be taught away from the Animal Sciences building? Why doesn't the renovation provide space for these courses? Or are there other teaching/lab efficiencies that the university is/will be achieving from the current/proposed arrangement?

*Some of the disciplines taught in the department lend themselves to actual outdoor labs (the working ranch), as available at the Rigden Farms agricultural campus. With the renovation, the majority of classrooms, offices, instructional labs and research labs will be housed in the Animal Sciences facility with the associated office space needed to promote efficiencies.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University — Pueblo

*Psychology Building Renovation and Addition*

### PROGRAM PLAN STATUS

2006-050

Approved Program Plan?  Yes

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	15 of 31	
OSPB	34 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$2,308,268	\$0	\$0	\$2,308,268
<b>Total</b>	<b>\$0</b>	<b>\$2,308,268</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,308,268</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,308,268	\$0	\$0	\$2,308,268
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$2,308,268</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,308,268</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) – Pueblo is requesting state funds to renovate 45,987 GSF and construct a 26,460-GSF addition to the Psychology Building. The project remedies existing deficiencies in space and building conditions, and will accommodate predicted enrollment growth. The project increases the building's existing GSF by 57 percent and upgrades the building's technological, electrical, and mechanical systems in order to meet current building codes and academic standards. The addition will provide the university with additional classrooms, laboratories, administrative areas, and storage space.

The program space for the addition and renovation will:

- upgrade accessibility throughout the building;
- upgrade main entrances to be compliant with Americans with Disabilities Act regulations;
- remodel walls and ceilings of classrooms to improve sound transmission;
- add gathering and networking space for student interaction; and
- reorganize departmental faculty and staff into a centralized location.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University — Pueblo

### Psychology Building Renovation and Addition

The new addition will maintain existing design standards and feature faculty offices, classrooms, and a large auditorium. The renovation will include upgrades to the HVAC system, information technology services, electrical services, building lighting, and the fire protection sprinkler system. The building will also undergo asbestos abatement to comply with code.

#### PROJECT JUSTIFICATION

The Psychology Building houses six departments of the College of Humanities and Social Sciences. The university says poor building conditions no longer support current programs effectively, and will not support predicted enrollment growth. According to CSU-Pueblo, the Psychology Building is the most heavily used academic building on the campus, and is no longer able to support the academic programs assigned to the space due to technological and space inadequacies. Furthermore, the 38-year-old building does not comply with current building codes for fire protection, asbestos abatement, HVAC systems, lighting, information technology systems, safety upgrades, and mechanical and electrical systems. A September 2006 Facility Audit, prepared by Stephen Hall, an independent third-party architect, determined that the building is in need of renovation.

**Project alternatives.** CSU – Pueblo considered constructing an entirely new facility to meet the needs of the campus. However, the renovation and addition to the Psychology Building will cost \$6 million less than the estimated cost of a new building.

#### PROGRAM INFORMATION

CSU – Pueblo is a four-year university that serves over 5,000 students. More than 25 percent of its students are of Hispanic descent, and it is designated as a Hispanic-serving institution by the federal government. The university offers undergraduate and graduate degree programs in the College of Sciences and Mathematics, the Hasan School of Business, the College of Humanities and Social Sciences, and the College of Education, Engineering, and Professional Studies.

The Psychology Building was built in 1975 and houses six departments of the College of Humanities and Social Sciences: Psychology; English and Foreign Languages; History, Political Science, Philosophy, and Geography; Social Work; Sociology and Anthropology; and Speech Communications. Approximately 2,250 students attend the 150 classes offered in the building's 12 classrooms.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	July 2015
Construction	July 2015	June 2016
Equipment	June 2016	July 2017
Occupancy		July 2017

#### LEED CERTIFICATION INFORMATION

CSU-Pueblo is dedicating \$100,000 of the project's total construction cost of \$11,834,441, or 0.8 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University — Pueblo

*Psychology Building Renovation and Addition*

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### OPERATING BUDGET

Operating expenses are paid from institutional sources. CSU – Pueblo anticipates additional annual costs of \$80,000 to operate and maintain the building.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University *Engineering II Building, Shell Space*

### PROGRAM PLAN STATUS

2015-011

Approved Program Plan?  Yes  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	3 of 7	
CCHE	22 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$5,990,038	\$0	\$0	\$5,990,038
<b>Total</b>	<b>\$0</b>	<b>\$5,990,038</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,990,038</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$177,000	\$0	\$0	\$177,000
Construction	\$0	\$3,379,658	\$0	\$0	\$3,379,658
Equipment	\$0	\$2,175,600	\$0	\$0	\$2,175,600
Miscellaneous	\$0	\$33,797	\$0	\$0	\$33,797
Contingency	\$0	\$223,983	\$0	\$0	\$223,983
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$5,990,038</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,990,038</b>

### PROJECT STATUS

This is a new, never-before requested project. An associated project constructed 98 percent of the building.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) is requesting state funds to build out 13,760-GSF of core and shell space on the second floor of its newly completed Engineering II Building, and to remodel office areas in other buildings vacated by faculty moving to the new facility. The completion of the Engineering II Building will provide the College of Engineering (COE) with the appropriate facilities to meet growing enrollment, faculty, and research demands. The university received cash funds spending authority to build the project; these cash funds came from a \$44 million student-approved bond, and, to date, \$23,177,395 in gifts, grants, and donations raised by the COE, for a total of over \$67 million. The three-story Engineering II Building is 98 percent complete, and includes three classrooms, a 150-person auditorium, five labs, an Engineering Success Center, and faculty and administrative offices, including the Dean's suite.

This project will:

- finish second floor administrative office space, including the Dean's suite (\$2,779,658);

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

*Engineering II Building, Shell Space*

- purchase additional equipment for laboratory spaces, including a mass spectrometer, a backup generator, an uninterruptible power supply (UPS), and environmental rooms (\$1,857,800); and
- remodel vacated office areas in the Engineering I and Glover buildings (\$1,352,580).

### PROJECT JUSTIFICATION

The university says that it built Engineering II in order to improve its recruitment and retention efforts by addressing space deficiencies and insufficient access to technology in the COE program. According to CSU, faculty occupancy of the Engineering II Building depends on the build out of the core and shell space on the second floor. Without this project, the university says that faculty will remain in their current locations in the Engineering I and Glover buildings, in office space that will not be remodeled. Additionally, the university says that without funding, the lab space on the second floor will not be equipped.

### PROGRAM INFORMATION

The College of Engineering is composed of the School of Biomedical Engineering and five departments, including:

- Atmospheric Science;
- Chemical and Biological Engineering;
- Civil and Environmental Engineering;
- Electrical and Computer Engineering; and
- Mechanical Engineering.

The college currently has about 100 faculty and over 2,000 students. According to U.S. News and World Report, CSU is ranked 67th in the nation for schools of engineering in 2013.

### PROJECT SCHEDULE

<i>Finish Core and Shell Space</i>	<b>Start Date</b>	<b>Completion Date</b>
<b>Design</b>	July 2014	September 2014
<b>Construction</b>	September 2014	April 2015
<b>Equipment</b>	April 2015	May 2015
<b>Occupancy</b>	May 2015	May 2015

<i>Remodel of Vacated Offices</i>	<b>Start Date</b>	<b>Completion Date</b>
<b>Design</b>	March 2015	July 2015
<b>Construction</b>	July 2015	October 2015
<b>Equipment</b>	October 2015	November 2015
<b>Occupancy</b>	November 2015	December 2015

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it does not involve the substantial renovation of a physical facility. The Engineering II Building was built to the LEED gold standard, the second highest of four possible certification levels.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

*Engineering II Building, Shell Space*

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### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The university estimates utilities, custodial, and maintenance for the new building will cost \$757,180 annually.

### STAFF QUESTIONS AND ISSUES

1) Please clarify the building's current usage; it has usable classroom space but not office space?

*The building was completely finished on the 1st and 3rd floors, and part of the 2nd floor was left as core and shell space. Classrooms are located on the 1st floor. Office space is primarily located on the 2nd floor, which is why we have usable classrooms and not offices. Some laboratories on the 2nd floor were also left as core and shell space.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

*Warner College of Natural Resources Addition*

### PROGRAM PLAN STATUS

2010-044

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	4 of 7	
CCHE	24 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$9,977,927	\$0	\$0	\$9,977,927
CF	\$0	\$10,000,000	\$0	\$0	\$10,000,000
<b>Total</b>	<b>\$0</b>	<b>\$19,977,927</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,977,927</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,071,821	\$0	\$0	\$2,071,821
Construction	\$0	\$15,585,304	\$0	\$0	\$15,585,304
Equipment	\$0	\$1,328,565	\$0	\$0	\$1,328,565
Miscellaneous	\$0	\$77,927	\$0	\$0	\$77,927
Contingency	\$0	\$914,310	\$0	\$0	\$914,310
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$19,977,927</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,977,927</b>

### PROJECT STATUS

This is a new request. The request was previously requested and approved on a two-year cash list in August 2011.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) is requesting a combination of state funds and cash funds spending authority to add about 49,000 GSF to the Warner College of Natural Resources (WCNR), located on the university's main campus. The addition, on the northeast side of the existing building, will house classrooms, instructional laboratories, a large auditorium, study space, and meeting space. WCNR is comprised of five departments:

- Ecosystem Science and Sustainability;
- Fish, Wildlife, and Conservation Biology;
- Forest and Rangeland Stewardship;
- Geosciences; and
- Human Dimensions of Natural Resources.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

### Warner College of Natural Resources Addition

It also houses 12 academic and research centers, including: Natural Resource Ecology Lab; Colorado State Forest Service; Center for Environmental Management of Military Lands; and Western Forest Fire Research Center.

#### PROJECT JUSTIFICATION

The condition of the existing WCNR facility and shortage of instructional and research laboratories, classrooms, study space, and meeting space imposes severe limitations on curriculum development, increasing enrollment, and types and levels of research that can be conducted. Undergraduate student enrollment has grown by 38 percent since 2009, and graduate student enrollment has grown by 7 percent. The university anticipates that student enrollment will grow by 30 percent over the next seven years. Currently, there are 1,298 undergraduate and 223 graduate students enrolled in WCNR programs. WCNR is consistently first or among the top three colleges at the university in annual research awards, which over the past five years have averaged \$72.7 million. CSU says a larger, state-of-the-art facility is needed to support students, researchers, scientists, and other stakeholders collaborating to address complex natural resource issues, such as: wildfire behavior and mitigation; biodiversity; renewable energy; climate change; and sustainable natural resources.

**Project alternatives.** Although multiple building concepts for this project were developed, CSU determined that building an addition to the existing structure while maintaining adjacency to the Wagar Building, which houses the Department of Fish, Wildlife, and Conservation Biology, and the Forestry Building would be the most efficient approach. The project has been designed to have a very small footprint, floor heights will match the existing WCNR facility, and no demolition of any adjacent buildings is required. According to CSU, if the project is not funded the university will continue to solicit donations until the project can be built.

#### PROGRAM INFORMATION

The Warner College of Natural Resources at CSU was one of the first programs established to meet the need for natural resource managers early in the 20th century and has grown into one of the largest colleges of natural resources in the country. The building in which the program is housed was built in 1975 and has had no significant renovations or additions since.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	September 2015
Construction and Equipment	October 2015	June 2017
Occupancy	July 2017	August 2017

#### LEED CERTIFICATION INFORMATION

CSU is dedicating \$425,000 of the project's total cost of \$15,585,304, or 2.7 percent, to LEED certification. The university plans to build the facility to the LEED platinum standard, the highest of four possible certification levels.

#### SOURCE OF CASH FUNDS

The source of cash funds for this project is \$10 million in donations that will be raised by the university, half of which has already been secured.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

*Warner College of Natural Resources Addition*

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### OPERATING BUDGET

Operating expenses are paid from institutional sources. The university estimates that the year one impact on its operating budget will be \$267,470.

### STAFF QUESTIONS AND ISSUES

1. What is the relationship of this request to the approved project on the August 2011 two-year cash list?

*This is the same project, at a reduced scope. In order to move the project forward, CSU decided to reprogram the building and request a state funding partnership.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

*Shepardson Building Renovation and Expansion*

### PROGRAM PLAN STATUS

2008-071

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	5 of 7	
CCHE	25 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$22,800,000	\$0	\$0	\$22,800,000
CF	\$0	\$9,000,000	\$0	\$0	\$9,000,000
<b>Total</b>	<b>\$0</b>	<b>\$31,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,800,000</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,989,123	\$0	\$0	\$2,989,123
Construction	\$0	\$25,276,700	\$0	\$0	\$25,276,700
Equipment	\$0	\$1,499,501	\$0	\$0	\$1,499,501
Miscellaneous	\$0	\$309,267	\$0	\$0	\$309,267
Contingency	\$0	\$1,725,409	\$0	\$0	\$1,725,409
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$31,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,800,000</b>

### PROJECT STATUS

This is the fifth request for funding. Funding on behalf of the project was requested each year between FY 2007-08 and FY 2010-11. In the last three years, the project was listed on the university's five-year projection of need.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) is requesting a combination of state funds and cash funds spending authority to renovate the existing 46,393-GSF Shepardson Building, which houses the Departments of Horticulture and Landscape Architecture, and to construct a 36,230-GSF addition on the north side of the building. The project includes upgrades to the existing mechanical, plumbing, electrical, and telecommunication systems and the addition of eight teaching labs, studios, offices, and support space. The project will enable the university to increase enrollment in the Landscape Horticulture and Landscape Architecture programs. Enrollment in these programs is currently restricted due to severe space limitations and the outdated condition of classrooms, studios, and laboratories.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

### *Shepardson Building Renovation and Expansion*

#### PROJECT JUSTIFICATION

According to CSU, student demand for the landscape architecture and horticulture programs is high and cannot adequately be met because of size limitations and the outdated condition of the existing facilities. Enrollment caps have been imposed on certain programs because of overcrowded teaching studios, limited facilities for instruction in digital methods for landscape architecture, and the absence of any horticulture teaching laboratories. At the present time, only about two-thirds of qualified students applying to the Departments of Horticulture and Landscape Architecture can be accepted due to these factors.

**Project alternatives.** The university says that several alternatives may be considered should the project not be funded. The existing facility could be completely renovated; however, the existing available space is not adequate to accommodate proposed programs and any enrollment growth. A new facility could be built, which would require the demolition of an existing structurally sound building and would cost significantly more than the proposed addition and renovation of the existing facility. Finally, although other locations for the addition were considered, the proposed location is the only place on campus with enough area to accommodate the addition.

#### PROGRAM INFORMATION

The mission of CSU's College of Agricultural Sciences is to provide undergraduate and graduate education, basic and applied research, and public education related to agricultural, ornamental horticulture, and equine industries. The Shepardson Building, located on the university's main campus, was constructed in 1938 and has received only minor renovations. It currently houses the Departments of Horticulture and Landscape Architecture; agricultural career and internship services; college-sponsored student leadership activities; student computer labs and information technology support; Dean's office; Colorado Seed Testing Laboratory; and Soil Morphology Program in the Soil and Crop Sciences Department.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	March 2015
Construction	April 2015	July 2016
Equipment	July 2016	August 2016
Occupancy		August 2016

#### LEED CERTIFICATION INFORMATION

Colorado State University is dedicating \$948,555 of the project's total cost of \$25,276,700, or 3.8 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

#### SOURCE OF CASH FUNDS

The source of cash funds for this project is bonds issued through the Higher Education Revenue Bond Intercept Program (intercept program). A higher education institution may issue revenue bonds to finance cash-funded capital construction. The bonds may be backed by the institution's credit rating, or the institution may opt to participate in the intercept program, which allows an institution of higher education to bond for capital projects using the state's credit rating. According to CSU, the bonds will be issued at a similar interest rate to past bonds, which varied between 4.62 percent and 5.2 percent depending on the maturity date. The expected annual payment for a \$9 million bond at 5 percent for 30 years is about \$585,000. The bonds will be repaid from CSU's general fund.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

### *Shepardson Building Renovation and Expansion*

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#### OPERATING BUDGET

This project has no projected impact on state operating costs.

#### STAFF QUESTIONS AND ISSUES

1. What is the difference teaching laboratories, research laboratories, and studios?

*Teaching laboratories are for student experiments done as part of a course (basic wet lab), research laboratories are faculty labs that are not generally open to students, studios are large rooms where students can work on the design of projects that are assigned by the faculty. Students are assigned a desk with a large work area where they can build physical models and also work on computer models of their designs.*

2. What types of labs are needed for building programming?

*All three types of spaces are needed for building programming, but the main deficiencies are in teaching labs and studio space.*

3. Where do students who are currently enrolled in the Landscape Horticulture program go to use teaching lab space since there is no lab space in the Shepardson Building?

*The labs are done in several different buildings around campus. In very limited instances the labs are conducted in the building's existing research labs, or the lab component has been modified such that it can take place in the undergraduate student lounge.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University Center for Agricultural Education

### PROGRAM PLAN STATUS

2015-012

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	6 of 7	
CCHE	29 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$3,317,072	\$0	\$0	\$3,317,072
CF	\$0	\$1,000,000	\$0	\$0	\$1,000,000
<b>Total</b>	<b>\$0</b>	<b>\$4,317,072</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,317,072</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$458,740	\$0	\$0	\$458,740
Construction	\$0	\$3,622,098	\$0	\$0	\$3,622,098
Equipment	\$0	\$10,000	\$0	\$0	\$10,000
Miscellaneous	\$0	\$27,841	\$0	\$0	\$27,841
Contingency	\$0	\$198,393	\$0	\$0	\$198,393
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$4,317,072</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,317,072</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) is requesting a combination of state funds and cash funds spending authority to construct an 18,100-GSF Center for Agricultural Education on the Agricultural Research, Development, and Education Center (ARDEC) campus which is about 10 miles away from the university's main campus. The project, which constructs a classroom, shop space, and offices, supports the strategic goals of the agricultural education teacher licensure program to: increase enrollment; develop a targeted recruitment program; expand experiential learning and leadership development of students; improve the current plan of study; and expand agricultural education offerings. Specific courses that will use the shop space include:

- Technical Tool Applications in Agricultural Education;
- Plumbing and Electrical Applications in Agricultural Education;
- Power Systems in Agricultural Education;

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

Center for Agricultural Education

- Technology Lab for Agricultural Education;
- Developing School-Based Agricultural Education Programs;
- Agricultural Education Lab Management; and
- Methods and Materials in Agricultural Education.

### PROJECT JUSTIFICATION

According to CSU, the Agricultural Education program is designed to prepare teachers to educate students enrolled in secondary agricultural education programs in Colorado. Students graduate with all of the requirements for 7 through 12th grade teacher licensure. A critical component of the program is to train students to manage and maintain facilities that will be similar to facilities in which they will teach. There is existing classroom space for the Agricultural Education program, but no shop space. As a result, students and faculty are faced with the additional burden and expense of traveling to local high schools in the area to use shop facilities, and this can only be done during the summer since the facilities are in use during the school year. According to the university, familiarizing students with shop facilities and equipment is especially important to support an expanded curriculum in Power, Structure, and Technical Systems.

**Project alternatives.** According to the university, alternative sites for the project were considered on the school's south campus and Foothills campus. The location on the ARDEC campus was determined to be the only viable option for several reasons. First, the space available on the ARDEC campus enables a new building to be constructed with little interruption to other programs. Next, students on the ARDEC campus have access to a variety of agricultural education opportunities and practices in proximity to one another, including: nutrition; genetics and reproduction studies; irrigation; diverse crop studies; horticulture; organics production; and advanced technology in agriculture. Finally, the new Center for Agricultural Education will be constructed out of metal which will fit in with the existing metal structures located on the ARDEC campus.

### PROGRAM INFORMATION

In 1917, Colorado Agricultural College (now Colorado State University) was designated as the institution in Colorado responsible for the preparation of agricultural education teachers. In Colorado, agricultural education is delivered to students through approximately 100 secondary programs located throughout the state. In 2011, approval was granted to expand agricultural education into middle schools. CSU is the only institution in the state offering this type of agricultural teacher licensure program. In Spring 2013, 43 undergraduate and graduate students were enrolled in the program.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	November 2014
Construction	December 2014	September 2015
Equipment	August 2015	September 2015
Occupancy	September 2015	October 2015

### LEED CERTIFICATION INFORMATION

CSU is dedicating \$59,620 of the project's total construction cost of \$3,622,098, or 1.6 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University

Center for Agricultural Education

### SOURCE OF CASH FUNDS

The source of cash funds for this project is about \$1 million in donations that has already been collected on behalf of the project by the Future Farmers of America organization. Future fundraising will focus on in-kind or cash donations for the shop equipment and an endowment for faculty support. CSU expects to raise an additional \$750,000 which includes both monetary and equipment donations.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. CSU estimates an impact to its annual operating budget of \$59,310.

### STAFF QUESTIONS AND ISSUES

1. The request states that currently students must travel to local high schools in order to use shop space since there is no shop space available on CSU's main campus, and that they are only able to do so during the summer when the high schools are not in session. Why are students unable to use shop space during the school year during the evening hours when the high school classes are finished for the day?

*There are several reasons why shop spaces at the local high schools cannot be used during the school year for our CSU students. Secondary agricultural education includes a community outreach component, so there are often extended learning opportunities for students/community beyond the typical school hours. Local agriculture programs typically have evening events during the school year in which the classroom and shop space is utilized. Additionally, during the school year the local high school agriculture teachers are utilizing all of their shop space for their secondary students to work on and store their projects. Trying to add an additional 15 to 20 students with projects to their already limited space, even if taught in the evenings, is not a feasible option.*

2. In the justification section it states that the Center will serve as an outreach home for broad-based agricultural education literacy programs. How will a new shop, office, and classroom facilitate this mission?

*The facility can accommodate many different literacy and outreach uses. For example: classroom instruction for elementary teachers about how to better incorporate agriculture into their everyday lessons, large technology firms such as Trimble GPS systems providing training on new and advanced technology, distance laboratory to incorporate online modules into agricultural literacy efforts, or specialized programs for adult education groups such as the Colorado Young Farmers Educational Association. Additionally there are many business and industry partners who have supported this building project. We expect that this facility will be a place where they can educate the public on their agricultural products and commodities.*

3. Why was it determined that the proposed location at the ARDEC campus was the best option for the Center as opposed to alternative site options on the south campus and foothills campus?

- *Space available—a building can be constructed on site with little interruption to other buildings and infrastructure.*
- *Fiscal responsibility—a metal building is a very cost effective structure to construct, and this type of construction is common at ARDEC.*
- *Educational value—the “E” in ARDEC stands for education, so access to the range of activities that occur at ARDEC make it ideal for training of our new agriculture educators. Any and all activities at ARDEC are scalable for use in any community in Colorado that has an agricultural education program.*
- *Access to current agricultural research programs-- Foothills campus and South campus facilities may provide access to one agricultural education pathway (i.e. Equine Sciences) but this location allows students to have hands-on learning and access to many different and diverse agriculture practices – livestock, nutrition, genetics and reproduction studies, irrigation, pest, and diverse crop studies, horticulture, organics production, advanced technology in agriculture.*
- *Enhancement of existing facilities—locating a multi-use building next to the ARDEC Conference Center brings added value to both the existing building and newly constructed one. The scope and purpose of each building are complimentary to each other.*

## **Fiscal Year 2014-15 Capital Construction Request**

### **Colorado State University**

*Center for Agricultural Education*

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- *Partner access—the location of the Center for Agricultural Education allows College of Agriculture professional partners (i.e., the Colorado Wheat Administrative Committee) easy access for partnering and educational opportunities.*
- *This location will further the partnering that currently exists with Poudre School District (specifically Wellington Middle School) due to the close proximity.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University *San Luis Valley Research Center*

### PROGRAM PLAN STATUS

2015-013

Approved Program Plan?  Yes  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	7 of 7	
CCHE	30 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$4,800,000	\$0	\$0	\$4,800,000
<b>Total</b>	<b>\$0</b>	<b>\$4,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,800,000</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$348,300	\$0	\$0	\$348,300
Construction	\$0	\$3,402,199	\$0	\$0	\$3,402,199
Equipment	\$0	\$539,154	\$0	\$0	\$539,154
Miscellaneous	\$0	\$73,922	\$0	\$0	\$73,922
Contingency	\$0	\$436,425	\$0	\$0	\$436,425
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$4,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,800,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Colorado State University (CSU) is requesting state funds to renovate 9,956-GSF and construct 20,910-GSF at its San Luis Valley Research Center (SLVRC) in Center, Colorado, which provides research information, conducts extension education, and manages seed certification programs for Alamosa, Conejos, Costilla, Mineral, Rio Grande, and Saguache counties in the San Luis Valley in southwestern Colorado. The project will create additional space for research, equipment maintenance, and storage by renovating and building additions onto three buildings and constructing a fourth. Specifically, the project will make improvements to the following buildings:

- Office/Laboratory Building. Builds a 4,845-GSF addition and renovates 5,636-GSF, resulting in a conference facility that can accommodate up to 75 people, and additional space for support staff, including research associates, seed inspectors, and technicians. The project will also include a new telephone system, a deionized water plant, and a double distillation unit.
- General Processing Building. Builds a 1,500-GSF addition to be used for general potato processing research.

## Fiscal Year 2014-15 Capital Construction Request

### Colorado State University

*San Luis Valley Research Center*

- Shop/Machine Storage Building. Builds a 1,440-GSF addition to accommodate newer pieces of farm equipment while addressing code deficiencies.
- Field Equipment Storage Building. Builds a new 13,125-GSF building to house tractors, trucks, planters, harvesters, combines, and swathers.

The university plans to build the additions first, which will have minimal impact on daily operations, then use the additions as swing space until the renovations are accomplished.

#### PROJECT JUSTIFICATION

According to the university, the SLVRC is operating in outdated buildings, originally constructed in 1950, that are no longer functional to meet programmatic and operational needs.

The programmatic deficiencies can be attributed to:

- changes in scientific and information technology equipment;
- growth in the program's scope, including addressing new diseases, water availability, economics, and new cultivar traits;
- increase in workload volume of research, extension, and seed certification activities; and
- staffing growth.

The operational deficiencies can be attributed to:

- program growth;
- insufficient indoor space for farm equipment storage, which causes accelerated deterioration of the equipment and inhibits the ability to keep equipment operational; and
- inadequate shop space.

**Project alternatives.** The university considered moving the programs to another site, but determined that relocation is not feasible because it would break the title agreement made with the State Board of Agriculture and the land would revert to the San Luis Valley Potato Improvement Association, Inc. Furthermore, the program in its current location is highly visible to and supported by clientele, and are in an environment consistent with the region. CSU also considered the option of keeping the buildings in their current conditions; however, research would be limited and maintenance costs would continue to rise for both the farm equipment and buildings. The university determined that new construction and remodeling of current facilities are essential to solving both the programmatic and operational issues of the program, and will meet the SLVRC's needs for at least another 20 years.

#### PROGRAM INFORMATION

The SLVRC is one of eight off-campus centers administered by the Colorado Agricultural Experiment Station system within CSU. The first SLVRC was established in 1888 near Del Norte, but closed eight years later as a result of federal funding cuts. In 1940, the San Luis Valley Potato Improvement Association and the San Luis Valley Potato Board of Control leased 160 acres at the present site of the research center and established the San Luis Valley Demonstration Farm. In 1950, the San Luis Valley Potato Improvement Association purchased the farm and subsequently deeded it to Colorado State University in 1953. Beginning in 1940, the principal research activity at the SLVRC focused on selecting potato varieties adaptable to the region. In 1964, the Colorado Certified Seed Growers Association's seed certification program was collocated at the SLVRC. In 1979, a potato breeding program was initiated to complement the selection activity.

Today, the SLVRC conducts the seed potato certification program under a cooperative agreement with the Colorado Department of Agriculture. It conducts research, extension education, and seed certification programs serving the San Luis Valley agricultural community and the many affiliated industries that comprise the agricultural production and marketing system in the area. These programs are focused on increasing agricultural production, enterprise viability, and income of the region and producers; maintaining sustainable agricultural practices through efficient use of water and other resources and minimizing the environmental impacts of production; and maintaining the viability of

# Fiscal Year 2014-15 Capital Construction Request

## Colorado State University San Luis Valley Research Center

rural communities in the region.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	March 2015
Construction	April 2015	July 2016
Equipment	July 2016	August 2016
Occupancy	August 2016	August 2016

### LEED CERTIFICATION INFORMATION

CSU is dedicating \$164,224 of the project's total construction costs of \$3,402,199, or 4.9 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The university estimates utilities, custodial, and maintenance for the SLVRC will cost \$31,740 annually.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Two-Year Projection of Cash Need

Colorado State University

Wednesday, December 04, 2013

**SUGGESTED MOTION:**

*Approve the new project and reauthorize the expiring project listed on the Colorado State University two-year projection of cash need.*

## New Project List, Requires Approval

Project Name	LEED Certification	Amount	Fund Source
<b>Temple Grandin Center for Equine Assisted Therapies</b>	Gold	\$6,000,000	CF

2015-042

The project constructs a 26,865-GSF arena on the Foothills Campus for teaching equine-assisted therapy. CSU's Equine Science program will use the arena to provide instruction and outreach in therapeutic riding. The project will honor CSU professor Temple Grandin; as such, it will feature an entry walk laid out in an s-curve, scaled to the "s-curve chute," which CSU says is the most essential component of Grandin's livestock handling designs. The entry walk will feature plaques and a statue highlighting Grandin's career, and the project will also include an outdoor sensory trail.

The source of cash funds is donations.

**Date Authorized Until:** TBD

**Subtotal: New Project List, Requires Approval \$6,000,000**

## Requires Reauthorization, Two-Year Period Elapsed

Project Name	LEED Certification	Amount	Fund Source
<b>Biology Building</b>	Gold	\$60,000,000	CF

2010-022

The project constructs a 100,000-GSF biology teaching and research building on the main campus to address a growing deficiency in available space for biology laboratories, support spaces, and new faculty. The university says there is an acute shortage of space for biology courses based on current and future faculty needs, and the new building will help maintain its record of teaching excellence, emphasize experiential learning, and increase the number of biology faculty by 10 to 15 FTE.

The source of cash funds is bonds to be repaid by a student fee for capital improvements.

Higher Education Revenue Bond Intercept Program. This project is subject to the Higher Education Revenue Bond Intercept Program, which directs the Treasurer to make payments of principal and/or interest on bonds, on behalf of a state-supported institution of higher education, in the event a higher education institution does not make a scheduled payment.

**Date Authorized Until:** August 13, 2014

**Subtotal: Requires Reauthorization, Two-Year Period Elapsed \$60,000,000**

**Grand Total, All Projects: \$66,000,000**

**Colorado State University System  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Colorado State University</b>							
<i>Current Year Request(s)</i>							
Psychology Building Renovation	CCF	2,308,268	14,000,315	0	0	0	\$16,308,583
	CF	0	0	0	0	0	\$0
<i>Out Year Request(s)</i>							
Administration Building Renovation	CCF	0	0	2,000,000	13,000,000	0	\$15,000,000
	CF	0	0	0	0	0	\$0
Art/Music Building Renovation	CCF	0	3,000,000	15,000,000	0	0	\$18,000,000
	CF	0	0	0	0	0	\$0
Facilities Management Building Renovation/Addition	CCF	0	0	0	2,000,000	13,000,000	\$15,000,000
	CF	0	0	0	0	0	\$0
Hasan School of Business Renovation and Addition	CCF	0	0	0	2,000,000	13,000,000	\$15,000,000
	CF	0	0	0	0	0	\$0
Technology Building Renovation	CCF	0	2,267,033	13,826,524	0	0	\$16,093,557
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		2,308,268	19,267,348	30,826,524	17,000,000	26,000,000	\$95,402,140
<b>Grand Total</b>		<b>\$2,308,268</b>	<b>\$19,267,348</b>	<b>\$30,826,524</b>	<b>\$17,000,000</b>	<b>\$26,000,000</b>	<b>\$95,402,140</b>

**Colorado State University System  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>Colorado State University – Pueblo</b>							
<i>Current Year Request(s)</i>							
Animal Sciences Building Renovation and Expansion, Phase II	CCF	4,863,456	0	0	0	0	\$4,863,456
	CF	0	0	0	0	0	\$0
Center for Agricultural Education	CCF	3,317,072	0	0	0	0	\$3,317,072
	CF	1,000,000	0	0	0	0	\$1,000,000
Chemistry Building Addition	CCF	15,000,000	23,000,000	12,000,000	0	0	\$50,000,000
	CF	0	5,400,000	0	0	0	\$5,400,000
Engineering II Building, Shell Space	CCF	5,990,038	0	0	0	0	\$5,990,038
	CF	0	0	0	0	0	\$0
San Luis Valley Research Center	CCF	4,800,000	0	0	0	0	\$4,800,000
	CF	0	0	0	0	0	\$0
Shepardson Building Renovation and Expansion	CCF	22,800,000	0	0	0	0	\$22,800,000
	CF	9,000,000	0	0	0	0	\$9,000,000
Warner College of Natural Resources Addition	CCF	9,977,927	0	0	0	0	\$9,977,927
	CF	10,000,000	0	0	0	0	\$10,000,000
<i>Out Year Request(s)</i>							
Anatomy/Zoology Building Revitalization (Capital Renewal Project)	CCF	0	0	9,300,000	0	0	\$9,300,000
	CF	0	0	0	0	0	\$0
Chemistry B and C Wing Renovation	CCF	0	0	0	5,800,000	0	\$5,800,000
	CF	0	0	0	11,700,000	0	\$11,700,000
Engineering Research Center Renovation	CCF	0	0	0	20,000,000	0	\$20,000,000
	CF	0	0	0	0	0	\$0
Health and Exercise Sciences Addition	CCF	0	0	13,700,000	0	0	\$13,700,000
	CF	0	0	0	0	0	\$0
Life and Biomedical Sciences Building	CCF	0	14,937,986	36,399,519	18,062,495	0	\$69,400,000
	CF	0	0	0	0	0	\$0
Western Slope Agriculture Experiment Station Consolidation	CCF	0	0	0	0	15,000,000	\$15,000,000
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		66,748,493	37,937,986	71,399,519	43,862,495	15,000,000	\$234,948,493
<b>Grand Total</b>		<b>\$86,748,493</b>	<b>\$43,337,986</b>	<b>\$71,399,519</b>	<b>\$55,562,495</b>	<b>\$15,000,000</b>	<b>\$272,048,493</b>

# Fiscal Year 2014-15 Capital Construction Request

## Fort Lewis College

*Berndt Hall Reconstruction — Geosciences, Physics, and Engineering*

### PROGRAM PLAN STATUS

2008-036

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	2 of 31	
OSPB	23 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$20,827,755	\$8,293,345	\$0	\$29,121,100
CF	\$0	\$2,115,987	\$2,115,987	\$0	\$4,231,974
FML	\$1,961,546	\$0	\$0	\$0	\$1,961,546
<b>Total</b>	\$1,961,546	<b>\$22,943,742</b>	\$10,409,332	\$0	\$35,314,620

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$1,961,546	\$1,738,653	\$0	\$0	\$3,700,199
Construction	\$0	\$18,699,868	\$9,365,166	\$0	\$28,065,034
Equipment	\$0	\$0	\$800,000	\$0	\$800,000
Miscellaneous	\$0	\$100,000	\$244,166	\$0	\$344,166
Contingency	\$0	\$2,405,221	\$0	\$0	\$2,405,221
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$1,961,546	<b>\$22,943,742</b>	\$10,409,332	\$0	\$35,314,620

### PROJECT STATUS

This request was previously funded in FY 2008-09. Phase II funding has been requested in each fiscal year since.

**Funding history.** The funding for Phase I of the project was included in the certificates of participation (COPs) issued in November 2008 for 12 higher education projects. Annual payments for this COP are submitted as a separate capital request. In order to reflect the Phase I funding for the project, this request shows a prior state-funded appropriation of \$1.96 million for informational purposes only. Pursuant to the COP issuance, \$3.2 million was allocated to Phase I of the project; however, Fort Lewis later reverted about \$1.3 million of these funds during FY 2011-12. The Capital Development Committee assigned these unspent proceeds to other projects in September 2012.

### PROJECT DESCRIPTION / SCOPE OF WORK

Fort Lewis College (Fort Lewis) is requesting a combination of state funds and cash funds spending authority for Phase II of a three-phase project to demolish a 16,500-GSF wing of Berndt Hall and construct a new, 60,838-GSF

# Fiscal Year 2014-15 Capital Construction Request

## Fort Lewis College

### *Berndt Hall Reconstruction — Geosciences, Physics, and Engineering*

facility in the same location for the Geosciences, Physics, and Engineering departments. The project will demolish the space in order to construct a modern, upgraded space that the college says will enable these programs to be comparable to those at similar institutions, which will help it to recruit and retain students and faculty. This year's request for Phase II will result in an unfinished shell and core structure for the Geosciences, Physics, and Engineering facility. Phase III will finish the interior and provide the equipment and furniture. Phase I designed the facility.

The request is divided into two construction phases and three overall project phases. Fort Lewis states that two construction phases will allow for smaller appropriations over two capital request cycles. The requested appropriation for FY 2014-15 is \$20.8 million and is anticipated to be \$8.3 million for FY 2015-16.

### PROJECT JUSTIFICATION

This request is for the second phase of the reconstruction of Berndt Hall for the sciences, which the college notes has been one of its top strategic goals for almost two decades. Fort Lewis says that its existing facilities do not comply with current building code requirements for structural loading, fire separation, the Americans with Disabilities Act (ADA), emergency egress, and wall and door assemblies. Additionally, the current ventilation system does not meet the requirements of a modern laboratory building; there is insufficient power availability, inadequate storage facilities, and outdated laboratory space, which limits the scope of instruction. The existing information technology (IT) infrastructure does not currently have the capacity to support the data projection and computer laboratory requirements for the proposed additional teaching laboratories and classrooms. Recent increases in demand for the engineering program have resulted in students trying to complete their work in overcrowded and under-equipped facilities, and a waiting list to get into the program continues to exist. Without the project, the college may need to turn away prospective students due to a lack of teaching space. The project makes the completion of deferred maintenance possible and allows the college to build space for research, teaching laboratories, tutoring and study rooms, "smart" classrooms, additional storage, conference rooms, and teacher and support staff offices.

**Project alternatives.** Fort Lewis says that if the project is not funded it will be increasingly difficult to provide high-quality classes and satisfy student demand for these programs. Alternatives that were considered include obtaining funding for the project through fundraising and donations and renovating the existing program space in Berndt Hall. According to the college, funding the project through fundraising and donations is not a realistic alternative. Due to the relatively small size of the college, "donor fatigue" is a significant challenge to fundraising efforts and the amount of money needed for the project significantly surpasses previous fundraising efforts made by the college. Renovating the existing space would not address the existing space limitations, would not allow for continuous academic operations, and would result in significant costs because of structural, utility, and energy efficiency issues.

### PROGRAM INFORMATION

Built in 1956, with additions in 1963 and 1968, Berndt Hall is one of the oldest buildings on campus. The project is part of an overall strategic plan to renovate Berndt Hall in order to provide state-of-the-art science teaching facilities. To date, three of four projects envisioned in the strategic plan have been completed. The first project, Cell Biology/Biochemistry Laboratories, was completed in 1997, and provided five interdisciplinary biology/chemistry laboratories and a student/faculty work area. The second project, Science Expansion (Chemistry Hall), was completed in 2001, and provided new laboratory facilities and faculty offices for the Chemistry Department. The third project, Biology and Agriculture, was completed in February 2010, and provided new laboratory space, scientific research areas, a green house, and faculty offices. This is the fourth and final project.

# Fiscal Year 2014-15 Capital Construction Request

## Fort Lewis College

*Berndt Hall Reconstruction — Geosciences, Physics, and Engineering*

### PROJECT SCHEDULE

	Start Date	Completion Date
Design		November 2010
Construction	October 2014	August 2016
Equipment		
Occupancy		

### LEED CERTIFICATION INFORMATION

Fort Lewis is dedicating \$1.2 million of the project's total construction costs of \$28,065,034, or 4.3 percent, to the High Performance Certification Program. The college plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is bonds to be repaid from moneys raised with the assistance of the Fort Lewis Foundation. The college expects to bond for a period of 20 years at a rate of 5 percent, with an average annual payment of \$306,000.

Fort Lewis explains that should the state opt to issue COPs to finance the second phase of the project, the cash-funded portion will be included in the COP issuance to be repaid from moneys raised with the assistance of the Fort Lewis Foundation.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. Fort Lewis notes that it anticipates there will be increased utility costs for the building resulting from the increased building area.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions have been incorporated into the project write-up.

**Fort Lewis College**  
**Five-Year Projection of Need**  
**FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Berndt Hall Reconstruction — Geosciences, Physics, and Engineering	CCF	20,827,755	8,293,345	0	0	0	\$29,121,100
	CF	2,115,987	2,115,987	0	0	0	\$4,231,974
<i>Out Year Request(s)</i>							
Reed Library Addition and Renovation	CCF	0	2,000,000	17,000,000	1,000,000	0	\$20,000,000
	CF	0	0	0	0	0	\$0
Road Improvements	CCF	0	805,400	4,164,400	4,164,400	0	\$9,134,200
	CF	0	0	0	0	0	\$0
Whalen Gymnasium — Exercise Science/Adventure Education Expansion, North	CCF	0	1,242,430	8,697,030	0	0	\$9,939,460
	CF	0	0	0	0	0	\$0
Whalen Gymnasium — Exercise Science/Adventure Education Expansion, South and East	CCF	0	2,712,600	23,332,765	1,590,732	0	\$27,636,097
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		20,827,755	15,053,775	53,194,195	6,755,132	0	\$95,830,857
<b>Grand Total</b>		<b>\$22,943,742</b>	<b>\$17,169,762</b>	<b>\$53,194,195</b>	<b>\$6,755,132</b>	<b>\$0</b>	<b>\$100,062,831</b>

# Fiscal Year 2014-15 Capital Construction Request

## Metropolitan State University of Denver

*Aviation, Aerospace, and Advanced Manufacturing Building*

### PROGRAM PLAN STATUS

2015-010

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	1 of 1	
CCHE	7 of 31	
OSPB	27 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$5,279,128	\$14,720,872	\$0	\$20,000,000
CF	\$0	\$0	\$16,404,160	\$23,595,840	\$40,000,000
<b>Total</b>	<b>\$0</b>	<b>\$5,279,128</b>	<b>\$31,125,032</b>	<b>\$23,595,840</b>	<b>\$60,000,000</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,778,000	\$1,131,000	\$1,093,106	\$5,002,106
Construction	\$0	\$0	\$29,944,032	\$20,978,520	\$50,922,552
Equipment	\$0	\$0	\$0	\$1,274,214	\$1,274,214
Miscellaneous	\$0	\$0	\$50,000	\$250,000	\$300,000
Contingency	\$0	\$2,501,128	\$0	\$0	\$2,501,128
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$5,279,128</b>	<b>\$31,125,032</b>	<b>\$23,595,840</b>	<b>\$60,000,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

Metropolitan State University of Denver (MSU Denver) is requesting state funds for the first phase of a three-phase project to construct a 141,900-GSF facility to support the development of an Aviation, Aerospace, and Advanced Manufacturing degree program. This year's request for Phase I designs the project and begins code review. Phase II will finish code review, prepare the site, and begin construction. Phase III will finish construction and equip the building.

The project will allow the university to integrate the study of advanced-manufacturing disciplines such as aerospace science and aviation, including industrial design and engineering technology, into a single, new building in order to:

- foster collaborative research;
- create an integrated space for multiple programs with advanced technology and labs;

# Fiscal Year 2014-15 Capital Construction Request

## Metropolitan State University of Denver

*Aviation, Aerospace, and Advanced Manufacturing Building*

- support an integrated curriculum; and
- create deeper industry ties.

The new building will relocate five existing departments, including: (1) aviation and aerospace science; (2) physics; (3) industrial design; (4) computer science; and (5) engineering technology. It will also support the development of a new department: Advanced Manufacturing, which will allow for the development of the Aviation and Aerospace Advanced Manufacturing degree program. The new program is being developed through a collaborative process involving the deans of each of the five departments listed above and various facility staff. To date, this group has met with industry stakeholders to begin developing a curriculum for the new program and to discuss potential public-private partnerships. It has also visited similar facilities in order to better understand industry expectations for graduates of science, technology, engineering, and math (STEM) programs.

The new facility will be constructed adjacent to the MSU Denver Student Success Building on the Auraria Higher Education Center (AHEC) campus. Once the new facility is open, space in existing campus facilities will be vacated for use by other MSU Denver departments or the other AHEC constituent institutions.

### PROJECT JUSTIFICATION

According to MSU Denver, it is already an industry leader in providing advanced-manufacturing graduates to local corporations, particularly to Colorado's aerospace industry. The university says the creation of a new Aviation, Aerospace, and Advanced Manufacturing degree program will lead to opportunities for federal funding. Additionally, the university says opening the new facility will positively impact Colorado's economy because it will lead to new job creation in STEM fields.

All five departments involved in the request have illustrated a need for additional classroom and lab space, says MSU Denver. The programs each have specialized labs and equipment. Sharing a facility will allow the university to avoid the expensive duplication of creating specialized lab facilities for each department. The university says it has identified opportunities for shared spaces in the new building in order to collocate multiple departments to the building and eliminate the need to build and maintain multiple locations for various STEM departments within MSU Denver. This flexibility will permit student scheduling between departments and provide greater opportunity for collaboration among faculty and faculty and staff.

### PROGRAM INFORMATION

MSU Denver is a four-year, urban university located on the Auraria Higher Education Center campus. The university has the third-highest enrollment of undergraduate students in the state. There are 22,316 undergraduate students, or 16,926 full time equivalent students, currently registered. Additionally, there are 459 graduate students currently registered. The university projects an increase of 1 percent for undergraduate student enrollment in FY 2014-15, for a total of 17,100 full time equivalent students.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	June 2015
Construction	July 2015	March 2017
Equipment		March 2017
Occupancy		March 2017

### LEED CERTIFICATION INFORMATION

MSUD is dedicating \$900,000 of the project's total construction cost of \$50,922,554, or 1.8 percent, to the High

## **Fiscal Year 2014-15 Capital Construction Request**

### **Metropolitan State University of Denver**

*Aviation, Aerospace, and Advanced Manufacturing Building*

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Performance Certification Program. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

#### **SOURCE OF CASH FUNDS**

The source of cash funds is bonds to be repaid from an existing student facility fee and gifts, grants, and donations. The university says it has the capacity to bond for the full \$40 million in cash funds dedicated to the project, but it anticipates that it will raise \$20 million through public/private partnerships and other donations.

#### **OPERATING BUDGET**

Operating expenses are paid from institutional sources. The university anticipates an additional 0.5 FTE will be needed to oversee building operations.

#### **STAFF QUESTIONS AND ISSUES**

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

*Various Projects at the Anschutz Medical Campus (formerly Fitzsimons) (COP Project)*

### PROGRAM PLAN STATUS

2005-031

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 4	
CCHE	N/A of 31	
OSPB	1 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$22,681,205	\$7,290,738	\$7,289,938	\$19,671,176	\$56,933,057
CF	\$51,364,655	\$7,000,000	\$7,000,000	\$23,000,000	\$88,364,655
CFE	\$33,274,706	\$0	\$0	\$0	\$33,274,706
<b>Total</b>	<b>\$107,320,566</b>	<b>\$14,290,738</b>	<b>\$14,289,938</b>	<b>\$42,671,176</b>	<b>\$178,572,418</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$46,417,394	\$0	\$0	\$0	\$46,417,394
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$60,903,172	\$14,290,738	\$14,289,938	\$42,671,176	\$132,155,024
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$107,320,566</b>	<b>\$14,290,738</b>	<b>\$14,289,938</b>	<b>\$42,671,176</b>	<b>\$178,572,418</b>

### PROJECT STATUS

This is an ongoing request for an annual lease payment. The projects funded through the sale of certificates of participation (COPs) are completed and occupied.

### PROJECT DESCRIPTION / SCOPE OF WORK

The University of Colorado Denver (CU Denver) is requesting a combination of state funds and cash funds spending authority to pay the tenth of 26 annual lease payments for COPs issued for construction of seven buildings at the Anschutz Medical Campus. The total repayment cost to the state for all the projects, based on a principal amount of \$202.9 million, is \$331.0 million. Construction of the facilities was completed in 2008. The authority to enter into the lease-purchase agreements was provided through House Bill 03-1256. CU Denver realized \$3.0 million in savings for the overall cost of the project through a refinancing of the COP package in November 2012.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

*Various Projects at the Anschutz Medical Campus (formerly Fitzsimons) (COP Project)*

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### PROJECT JUSTIFICATION

CU Denver says if no moneys are appropriated for the annual COP payment, the university may have to vacate the facilities so they can be sold by the COP holders to pay the remaining lease obligation. This could, in turn, negatively impact future financing arrangements.

### PROGRAM INFORMATION

The project constructed the following facilities on the Anschutz Medical Campus, totaling 784,295 GSF:

- Education Facility 1B
- Education Facility II
- Education Bridge
- Library
- Academic Office 1
- Environmental Health and Safety II
- Campus Services Building

### PROJECT SCHEDULE

Including FY 2014-15, payments for the Anschutz projects will continue for 17 years, until 2030-31.

### LEED CERTIFICATION INFORMATION

Annual lease payments for COPs are not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

### SOURCE OF CASH FUNDS

The source of cash funds is the Fitzsimons Trust Fund created in Section 23-20-136 (3)(a), C.R.S. Revenues accrue to the fund from the Tobacco Master Settlement Agreement, not to exceed \$8.0 million per year pursuant to House Bill 03-1256.

### OPERATING BUDGET

Operating expenses are paid from institutional sources.

### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Boulder

*Ketchum Arts and Sciences Building (Capital Renewal Project)*

### PROGRAM PLAN STATUS

2003-029

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 3	
CCHE	4 of 31	
OSPB	25 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	(\$333,289)	\$11,592,712	\$0	\$0	\$11,259,423
CCFE	\$991,015	\$0	\$0	\$0	\$991,015
CF	\$0	\$1,149,528	\$0	\$0	\$1,149,528
<b>Total</b>	\$657,726	<b>\$12,742,240</b>	\$0	\$0	\$13,399,966

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$657,726	\$683,336	\$0	\$0	\$1,341,062
Construction	\$0	\$10,109,758	\$0	\$0	\$10,109,758
Equipment	\$0	\$345,951	\$0	\$0	\$345,951
Miscellaneous	\$0	\$448,562	\$0	\$0	\$448,562
Contingency	\$0	\$1,154,633	\$0	\$0	\$1,154,633
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$657,726	<b>\$12,742,240</b>	\$0	\$0	\$13,399,966

### PROJECT STATUS

This is a new request.

**Funding history.** The project has received three prior appropriations, of which all but \$657,726 was either vetoed by the Governor or rescinded. The project's design was initiated with the remaining funding.

### PROJECT DESCRIPTION / SCOPE OF WORK

The University of Colorado at Boulder (CU Boulder) is requesting state funds for Phase II of a two-phase capital renewal project to upgrade the building systems in the Ketchum Arts and Sciences Building (58,544 GSF). The capital renewal approach focuses on upgrading building systems, infrastructure, and the basic building components within existing academic buildings on a building-by-building basis, rather than project by project. This year's request for Phase II completes the project design and makes upgrades to the building systems. Phase I funded schematic design, design development, and creation of construction documents for the project, including a materials test and an asbestos and environmental report.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Boulder

*Ketchum Arts and Sciences Building (Capital Renewal Project)*

The project will replace or repair building systems and upgrade interior and exterior components. Specifically, the project will:

- replace interior and emergency lighting;
- upgrade electrical panels;
- upgrade information technology systems;
- replace suspended ceilings;
- replace interior and exterior doors;
- repair and replace HVAC systems, including the installation of air conditioning;
- abate asbestos in floor tiles;
- abate lead paint;
- upgrade fire alarm and protection systems, including constructing fire-rated walls and correcting stair enclosures;
- construct ADA-accessible restrooms with new fixtures;
- repair the roof;
- replace windows, gutters, and downspouts; and
- improve the appearance of the building.

A facility audit performed in June 2001 gave the Ketchum Arts and Sciences Building a Facility Condition Index Rating (FCI) of .31, well below the Office of the State Architect's target rating of .85 for state buildings. This rating is a ratio of facility deficiencies to current replacement value.

### PROJECT JUSTIFICATION

According to the university, upgrading the systems within the Ketchum Arts and Sciences Building will significantly improve building operational efficiencies, reduce the building's environmental impact, and save energy and costs. The university says the project upgrades a facility that is structurally sound in order to enhance occupant comfort and program delivery. The project will also bring the building into code compliance. If the project is not funded, CU Boulder says the current and future delivery of academic programs will continue to decline, as the building infrastructure cannot support current teaching practices and methodology.

### PROGRAM INFORMATION

Built in 1938, the Ketchum Arts and Sciences Building is the premier facility for the delivery of the undergraduate program at CU Boulder. The building is used year-round, six days per week, by all arts and sciences programs, and is home to the Department of Political Science. It also hosts programs from other academic areas, and houses faculty offices.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2008	June 2015
Construction	June 2015	August 2016
Equipment		
Occupancy		July 2017

### LEED CERTIFICATION INFORMATION

CU Boulder is dedicating \$91,948 of the project's total construction cost of \$10,109,758, or 0.9 percent, to the High Performance Certification Program. The university plans to build the facility to the LEED gold standard, the second

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Boulder

*Ketchum Arts and Sciences Building (Capital Renewal Project)*

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highest of four possible certification levels.

### SOURCE OF CASH FUNDS

The source of cash funds for this project is campus cash funds, including gifts and bequests.

### OPERATING BUDGET

Operating expenses are paid from institutional sources.

### STAFF QUESTIONS AND ISSUES

1. When did CCHE last approve a program plan amendment for this project?

*The Ketchum project is a state capital renewal project to replace severely deteriorated building infrastructure, including plumbing, mechanical, electrical, and fire safety systems. Program plans are not required.*

2. The request states that the current risk management replacement value for Ketchum is \$12,263,238, which is less than the cost of the project. Could the university replace the building for less than the cost of the project?

*No.*

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Colorado Springs

*Visual and Performing Arts Complex*

### PROGRAM PLAN STATUS

2010-030

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
CCHE	10 of 31	
OSPB	17 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$4,684,334	\$13,281,999	\$9,608,699	\$0	\$27,575,032
CF	\$0	\$21,413,439	\$6,980,000	\$0	\$28,393,439
<b>Total</b>	\$4,684,334	<b>\$34,695,438</b>	\$16,588,699	\$0	\$55,968,471

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$4,684,334	\$0	\$0	\$0	\$4,684,334
Construction	\$0	\$28,876,682	\$13,473,525	\$0	\$42,350,207
Equipment	\$0	\$3,877,825	\$2,040,500	\$0	\$5,918,325
Miscellaneous	\$0	\$288,767	\$284,735	\$0	\$573,502
Contingency	\$0	\$1,652,164	\$789,938	\$0	\$2,442,102
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$4,684,334	<b>\$34,695,438</b>	\$16,588,698	\$0	\$55,968,470

### PROJECT STATUS

This is a continuation project. Phase I of this project, for professional services, was funded in FY 2013-14. In July 2013, the university requested a waiver of the six-month encumbrance deadline in order to expand its search for an architect internationally. A New York City-based firm, H3 Hardy Collaboration Architecture, LLC, was selected in September 2013. Design is underway.

### PROJECT DESCRIPTION / SCOPE OF WORK

The University of Colorado at Colorado Springs (UCCS) is requesting state funds and cash funds spending authority for Phase II of a now three-phase project to construct 84,879-GSF of the Visual and Performing Arts (VaPA) Center to be located on the north campus. An additional 49,258-GSF of construction at the VaPA Center will be proposed in a future request. The building will help meet the demands of a growing program — which the university says has stretched existing facilities to the limit — by consolidating the department into a single site, creating a visible presence of the Department of Visual and Performing Arts' programs to the Colorado Springs community, and constructing the specialized structural, acoustical, and ventilated spaces that these programs require.

## Fiscal Year 2014-15 Capital Construction Request

### University of Colorado at Colorado Springs

#### Visual and Performing Arts Complex

The 84,879-GSF project will include:

- a 750- to 800-seat theater;
- the Dusty Loo Bon Vivant TheatreWorks theater;
- a 250-seat recital hall;
- an unadorned, moveable performance space (or "black box");
- the Gallery of Contemporary Art;
- a functional public reception lobby;
- learning and rehearsal spaces; and
- faculty offices.

Phase I of this request funded the project's design. This year's request for Phase II constructs 80 percent of the initial building and begins the consolidation of programs within the new facility. The 2015 request, if funded, will construct the TheatreWorks theater and support spaces, approximately 16,000 GSF. However, the university says that if both Phase II and Phase III were funded in this budget cycle, it would save \$500,000 through construction efficiencies and meet the program's needs more immediately.

Because the program plan was amended and approved to increase the size of the VaPA Center to 134,137-GSF in response to program demands, the construction will now take place in two physical phases. Physical Phase One is reflected as Phases I through III of the current request. Physical Phase Two will be a forthcoming request to build 49,258-GSF for an estimated \$19 million which the university says will complete the consolidation of the Department of Visual and Performing Arts by creating additional build-out for the performing arts program in the VaPA Center with art studios, smart classrooms, seminar rooms, music practice rooms, a recording studio, and faculty office space. There is also potential for a Physical Phase Three request.

#### PROJECT JUSTIFICATION

According to the university, the VaPA Center will not only consolidate a scattered department in a facility built to handle the unique needs of the department, but will also create a community access point to the university. Currently the Department of Visual and Performing Arts is spread across six buildings located at the opposite ends of campus, which the university says creates a geographic divide that compromises the department's interdisciplinary learning environment. Two external reviews of the department cited the need for the consolidation of the program in a specialized facility.

Public access to the department's theaters and galleries in their current location is difficult. The new VaPA Center will be built at the north campus, where the City of Colorado Springs' North Nevada Urban Renewal project has invested \$50 million to date on infrastructure and development, including a pedestrian underpass beneath Nevada Avenue to connect the campus to the city.

Current facilities are unable to support the department's programs in their physical space. The issues include inadequate humidity control and security of the art and musical instrument collections, and inadequate acoustic, audio-visual, and lighting controls in performance spaces not built for their current use.

In terms of growth, student credit hour production in the department has increased over 31 percent in the last ten years, and the number of tenure-track faculty members in the department has doubled.

The university says that if the project is not funded, the department will be limited in its ability to meet the growing student and faculty population, and will continue to face problems with geographic separation, scheduling spaces for a program in high demand, and meeting community expectations for its artistic contributions to the city.

**Project alternatives.** The university considered four alternatives to building the new VaPA Center.

**Maintain current facilities.** According to the university, the option to maintain current facilities would essentially cap the continued growth and enrollment in the program at current levels, and would be ineffectual in addressing the issues of geographic separation and community visibility. Additionally, some of the current facilities are aged and in poor condition. The university says that this alternative could not be indefinitely pursued.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Colorado Springs

### Visual and Performing Arts Complex

*Develop cooperative relationships with other entities.* The university explored a partnership with the Colorado Springs Fine Arts Center and Colorado College to develop facilities that could be used jointly. The university opted not to pursue this alternative because it says it would have undermined the department's ability to deliver its academic programming, created liability issues, hindered the school's efforts to attract community members to campus, and kept the school from creating a performing arts center on campus as an amenity for students.

*Renovation of other facilities on campus.* The university says it has almost no building stock on campus which lends itself to a renovation. University Hall was considered, which currently houses the music, theater, and Theatreworks program; however, the building also houses the Beth-El College of Nursing and Health Sciences program which is also seeking to grow to accommodate program demands.

*Use of temporary facilities.* Several of the department's programs have used temporary facilities in the past; however, the university says most temporary situations would lead to travel off-campus, pose liability and equipment security issues, and would not be conducive to the development of a stable audience or enrollment base for the department's programs.

#### PROGRAM INFORMATION

The Department of Visual and Performing Arts was created in 1996 within the College of Letters, Arts, and Sciences, and, apart from offering majors and minors, it provides a substantial portion of the university's required courses in the humanities and arts. In addition, faculty from the department teach courses to the Game Design and Development and Gallery Management majors within the Bachelor of Innovation degree program. The department is home to two major university outreach programs: Theatreworks, a university/regional theatre company; and the Galleries of Contemporary Art, which maintain both a campus gallery and downtown gallery.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	November 2013	March 2015
Construction	April 2015	May 2017
Equipment	June 2016	June 2017
Occupancy	June 2017	August 2017

#### LEED CERTIFICATION INFORMATION

In the previous request, UCCS dedicated \$151,843 of the project's total construction cost of \$34,412,866, or 0.4 percent, to the High Performance Certification Program (HPCP). With the expansion of the project's scope, the new dedicated amount is \$400,000 of the project's total construction cost of \$42,350,208, or 0.9 percent, to the HPCP. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

#### SOURCE OF CASH FUNDS

The source of cash funds for this project includes cash initiatives, donations, and bonds. The University of Colorado has committed \$10 million in cash initiatives for the project, earned from interest on university investments. Another \$10 million will come from donors, including a \$1 million gift from a currently anonymous single donor. The remaining \$9 million will come from revenue bonds, repaid by campus general funds and user fees (not student fees). The university estimates an interest rate on its bonds between 5 to 5.5 percent, and repayment terms from 20 to 30 years, with annual payments ranging from \$650,000 to \$837,000 per year.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Colorado Springs

Visual and Performing Arts Complex

### OPERATING BUDGET

Operating expenses are paid from institutional sources. The annual operating cost for cleaning, maintenance, supplies, security, and utilities is anticipated to be approximately \$740,000.

### STAFF QUESTIONS AND ISSUES

1. Please provide a detailed description of how combining two phases (FY 2014-15 and FY 2015-16) will result in cost savings.

*If both phases of Physical Phase One funding can be provided, then design and construction will be able to proceed in a more logical way. If not, we will have to design the building to accommodate a reduction in the program, which may or may not be funded later, and which will result in a compromised building that will not meet program needs. If designed and built at the same time there will be savings in internal space as the design will be more efficient: walls will not have to be built to enclose the first phase that will have to be removed to add the second phase, some spaces may be shared that will be duplicated if built in two separate phases, utility connections can be consolidated in one location, storm water retention and landscaping will not have to be designed and constructed twice, fire access will not have to be designed and constructed twice, the LEED process would not have to be done twice, and construction costs will be reduced by not mobilizing twice. These are some of the major areas of savings but, more importantly, full funding will allow the project to be designed to more effectively meet program needs. For example, we would not be able to programmatically meet the integrated teaching models provided by the colocation of TheatreWorks, academic theater and dance, and the music departments, resulting in continued inefficiencies in the delivery of these programs.*

2. The original request for this building was 97,431-GSF. Please explain the purpose of the additional 36,706-GSF captured in this new request.

*The program plan has been amended since the original request was submitted and has been approved by the Colorado Commission on Higher Education. The program plan amendment for this project addresses campus enrollment growth and resulting programmatic needs. The consultants hired with the recently completed master plan completed a feasibility study that indicated the original space estimates were inadequate to meet the rapid enrollment growth of the campus. The campus has over 10,500 students. This campus had Fall 2013 enrollment growth exceeding 8 percent from the previous year and a 25 percent growth rate in the last five years. This campus has partnered with many community colleges in southern Colorado meeting the demand for four-year education. It has implemented successful programs for southeastern Colorado community college transfers into four year programs (two-plus-two programs).*

*The feasibility study identified needed changes. For example, the previous program had a small recital hall of 200 seats, while the feasibility study indicated it needed to be 250 seats. The feasibility study also had a small theater of 400 seats but the feasibility study indicated that it needed to be 750 seats. These increases in size and occupancy level reflect into other spaces: more storage, larger lobby, increased sizes for heating and cooling equipment space, and increased restroom sizes.*

3. Please describe how the spaces in Columbine, Dwire, Einstein, University Hall, Fine Arts Modular, and the TRW Building will be utilized once the Arts programs move to VAPA?

*The spaces will be utilized as follows:*

*Columbine – the spaces freed up are offices. Overcrowded faculty (2 or 3 faculty in one office) will be redistributed to the released offices.*

*Dwire – Dwire will not be affected as interim accommodations have been made.*

*Einstein – this is a small house on the edge of campus. It will be abandoned and eventually razed.*

*University Hall – Space vacated by theater and music programs will be used by the College of Nursing and Health Sciences. Except for one area it will be re-used substantially as is.*

*Fine Arts Modular – it will be used for storage or razed.*

*TRW Building – The south end will continue to be used for university storage and the north end will continue to function as the Expo Center.*

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

*North Classroom Building Renovation (Capital Renewal Project)*

### PROGRAM PLAN STATUS

2006-071

Approved Program Plan?  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	2 of 4	
CCHE	17 of 31	
OSPB	36 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$7,846,650	\$0	\$0	\$7,846,650
CF	\$0	\$12,683,469	\$0	\$0	\$12,683,469
<b>Total</b>	<b>\$0</b>	<b>\$20,530,119</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,530,119</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,032,112	\$0	\$0	\$2,032,112
Construction	\$0	\$13,101,340	\$0	\$0	\$13,101,340
Equipment	\$0	\$3,262,066	\$0	\$0	\$3,262,066
Miscellaneous	\$0	\$268,227	\$0	\$0	\$268,227
Contingency	\$0	\$1,866,374	\$0	\$0	\$1,866,374
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$20,530,119</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,530,119</b>

### PROJECT STATUS

The project was previously requested in FY 2005-06. It has not been requested from state funds since. However, it was listed on the university's five-year projection of need in FY 2006-07. An associated project is listed as a new project on the university's two-year projection of cash need. The cash funds from the associated project are included in this state-funded request for informational purposes only. See Project Description / Scope of Work for a description of the associated cash project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The University of Colorado Denver (CU Denver) is requesting a combination of state funds and cash funds spending authority to renovate the North Classroom Building on the Auraria Higher Education Center campus in order to renovate basic building systems. This is a capital renewal project. The capital renewal approach focuses on upgrading building systems, infrastructure, and the basic building components within existing academic buildings on a building-by-building basis, rather than project by project.

The project makes the following repairs and upgrades to make the building code compliant:

## Fiscal Year 2014-15 Capital Construction Request

### University of Colorado Denver

#### *North Classroom Building Renovation (Capital Renewal Project)*

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- repairs flashing and cracks in the roof;
- repairs or replaces air handling units to increase efficiency;
- replaces pneumatic controls to address failing controls;
- replaces poor and inefficient lighting;
- repairs ceilings throughout the building to address sagging tiles and general wear;
- upgrades exterior window glazing to address ineffective reflective film and seals; and
- upgrades restroom features to increase efficiency.

The last Facility Condition Index (FCI) Audit was conducted in 2007 and revealed deterioration in the building's systems. The FCI rating is a ratio of facility deficiencies to current replacement value. The audit gave the building an 0.84 rating. The Office of the State Architect target rating is 0.85. The North Classroom Building is 25 years old and many of the original fixtures are failing.

**Associated cash project.** An associated cash project is listed on the university's two-year projection of cash need. CU Denver says that if the state-funded request receives an appropriation for FY 2014-15, it will combine the cash- and state-funded requests into a single project. Otherwise, it will proceed with the work requested under the cash project and request funds for the work under the state-funded project in the next fiscal year cycle. The cash project renovates areas of the North Classroom building on the downtown Denver campus, including classrooms, the building atrium, and office spaces for the College of Liberal Arts and Sciences. Improvements to classrooms under this cash-funded project include ADA compliance, as well as updated technology, lighting, and furnishings. The university explains that many of these spaces have not been renovated since the building opened in 1988, and that the classrooms to be renovated represent half of the classrooms assigned to the University of Colorado Denver on the Auraria Campus, so many students will benefit from the renovations. The source of cash funds is gifts and institutional reserves.

#### PROJECT JUSTIFICATION

According to CU Denver, the North Classroom building is the most heavily used building on the Auraria campus. Although the building has been well maintained, the original 1988 building systems have deteriorated due to age and use. A 2007 facility audit for the North Classroom Building showed deficiencies in all the major building systems. Due to the current deterioration, the operational efficiency of the building and its fixtures will continue to worsen unless addressed through the capital renewal approach, says CU Denver. This will increase the cost of repairs and demand for controlled maintenance. In addition, the university says the deterioration of the building will lessen the students' experience and decrease its usability.

CU Denver says the 2007 Auraria Campus Master Plan prescribes three distinct neighborhoods for the institutions that share the campus in order to allow each institution to evolve a distinct identity while continuing to share campus resources. The North Classroom Building, which was originally shared by all three institutions, is included in the area allocated to CU Denver.

#### PROGRAM INFORMATION

The North Classroom Building was built in 1988 on the Auraria Campus for use by CU Denver. The building serves academic, faculty, and administrative needs of the university, and is used for general academics and the College of Liberal Arts and Sciences.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

*North Classroom Building Renovation (Capital Renewal Project)*

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	October 2014	March 2015
Construction	April 2015	April 2016
Equipment	April 2016	June 2015
Occupancy		June 2016

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent of the value of the property.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

Operating expenses are paid from institutional sources.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Boulder

*Aerospace and Energy Systems Building*

### PROGRAM PLAN STATUS

2010-031

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	2 of 3	
CCHE	18 of 31	
OSPB	37 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$4,354,159	\$22,360,877	\$1,575,680	\$28,290,716
CF	\$0	\$2,902,772	\$14,907,251	\$1,050,453	\$18,860,476
<b>Total</b>	<b>\$0</b>	<b>\$7,256,931</b>	<b>\$37,268,128</b>	<b>\$2,626,133</b>	<b>\$47,151,192</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$6,893,461	\$0	\$0	\$6,893,461
Construction	\$0	\$0	\$34,806,977	\$0	\$34,806,977
Equipment	\$0	\$0	\$0	\$2,494,601	\$2,494,601
Miscellaneous	\$0	\$0	\$594,544	\$0	\$594,544
Contingency	\$0	\$363,470	\$1,866,608	\$131,532	\$2,361,610
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$7,256,931</b>	<b>\$37,268,129</b>	<b>\$2,626,133</b>	<b>\$47,151,193</b>

### PROJECT STATUS

The university has requested funding on behalf of this project each year since FY 2010-11.

### PROJECT DESCRIPTION / SCOPE OF WORK

The University of Colorado at Boulder (CU Boulder) is requesting a combination of state funds and cash funds spending authority for Phase I of a three-phase project to construct a four-story, 73,238-GSF Aerospace and Energy Systems building in the northeast corner of the Engineering Center, and to renovate 5,345 GSF of space in the existing Discovery Learning Center and Aerospace Engineering buildings. The proposed site for the new facility is currently the site of a surface parking lot. This year's request for Phase I designs the project. Phase II will construct the building, and Phase III will equip the new and redesigned space.

The new building will house two integrated education and research initiatives within the College of Engineering and Applied Science: Space Systems Science and Engineering, and Energy Systems and Sustainability. The Aerospace Engineering Sciences Department will lead the first initiative, and the university says the objective is to ensure the placement of CU Boulder among its peer institutions as the premier institute for space system engineering and

## Fiscal Year 2014-15 Capital Construction Request

### University of Colorado at Boulder

#### *Aerospace and Energy Systems Building*

application, and to provide an environment for meeting the growing demands of the Colorado and national space enterprises. The second initiative will involve a multidisciplinary collaboration between the Departments of Electrical and Computer Engineering; Civil, Environmental, and Architectural Engineering; Mechanical Engineering; Aerospace Engineering Sciences; and Chemical and Biological Engineering to research new energy sources and the management of existing energy sources.

The new facility will be configured so that office space and labs are collocated in a cluster to promote interaction among faculty, graduate students, and undergraduates, and foster a hands-on educational experience. The building will contain highly specialized, discipline-specific "clean rooms" for assembly and testing of space hardware systems, and a systems validation lab. The clean rooms will include a mobile filtering system for erecting over experiments under construction to increase cleanliness. The building will include roof access for conducting wind and solar energy research. The renovation portion of the project will connect the new building to existing engineering buildings, and the building's façade will create a highly visible entry to the CU Boulder campus, according to the university.

#### PROJECT JUSTIFICATION

According to CU Boulder, existing facilities that host the programs participating in the Space Systems Science and Engineering and Energy Systems and Sustainability initiatives to be housed in the new Aerospace and Energy Systems Building are inadequate for accommodating these initiatives. The university says the facilities' obsolescence is reflected in the facilities condition index (FCI) ratings of these existing facilities: .53 for the Aerospace Engineering wing, .48 for Electrical Engineering, .55 for Computer Engineering, and .60 for Environmental Engineering. The Office of the State Architect has set a target FCI of at least .85 for state buildings. This rating is a ratio of facility deficiencies to current replacement value. The university says research to be conducted in the new building requires specialized facilities with specific air handling, temperature, humidity control, and electrical requirements that cannot be accommodated within existing facilities without enormous expense and displacement of current research and academic activities. The university also notes that the existing Engineering Center was designed before personal computers and high-performance computing facilities were the norm in engineering research and education; the proposed building will include space for high-performance computers requiring power and cooling resources that the university says cannot be provided in the existing facility.

According to the university, the new building will expand program facilities, promote interaction between students and faculty, and enhance the College of Engineering and Applied Sciences' status as a national leader in aerospace science and engineering and renewable and sustainable energy teaching and research. The university also says the new building will facilitate partnerships with industry that will result in new technologies, start-up companies, and the development of the state's work force. Existing relationships that the university says will be strengthened by the construction of the new building include partnerships with the Laboratory of Atmospheric and Space Physics, the Center for Astrophysics and Space Astronomy, and the National Renewable Energy Laboratory.

**Project alternative.** The university considered an off-site facility as a possible project alternative, but concluded that the interdisciplinary nature of research in energy systems requires faculty and students from several departments to interact on a daily basis, which is not feasible off site. CU Boulder also says there is no space available for lease or purchase in the state that is suitable for supporting the educational mission, nor is renovation of existing space a viable alternative considering enrollment demand. The university says that delay of the program is compromising the quality and effectiveness of the program and that it risks the loss of world-class faculty and students.

#### PROGRAM INFORMATION

CU Boulder says its College of Engineering and Applied Science is a recognized national research and teaching leader in aerospace science and engineering, as well as renewable and sustainable energy. The university calls the two initiatives to be located in the new building, Space Systems Science and Engineering and Energy Systems and Sustainability, two of its major strategic investments, conducting research and education in the areas of space sciences, sustainable energy sources, and energy management. Following are the university programs that will participate in these initiatives' research and education efforts, along with their 2012 enrollment numbers:

- Electrical and Computer Engineering, 325 undergraduate and 264 graduate students;
- Civil Environmental and Architectural Engineering, 434 undergraduate and 274 graduate students;

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado at Boulder

### *Aerospace and Energy Systems Building*

- Aerospace Engineering Sciences, 437 undergraduate and 200 graduate students; and
- Electrical Engineering, 211 undergraduate and 11 graduate students.

Additional programs benefitting from the project are Chemical and Biological Engineering and Mechanical Engineering.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	August 2014	August 2015
Construction	August 2015	September 2016
Equipment	September 2016	November 2016
Occupancy	November 2016	December 2016

#### LEED CERTIFICATION INFORMATION

CU Boulder is dedicating \$321,408 of the project's total construction cost of \$34,806,977, or 0.9 percent, to the High Performance Certification Program. The university plans to build the facility to the LEED platinum standard, the highest of four possible certification levels.

#### SOURCE OF CASH FUNDS

The source of cash funds for the project is bonds to be repaid from campus indirect cost revenues generated from federal grants. The term of the bonds will likely be 25 years, with an estimated 5.5 percent interest rate, and an average annual payment of about \$1.5 million. The university expects to issue bonds for the project in FY 2014-15.

#### OPERATING BUDGET

Operating expenses are paid from institutional sources. The project is expected to result in increased ongoing annual operating costs of \$4.22 per square foot, or \$309,064.

#### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

*Interdisciplinary Building*

### PROGRAM PLAN STATUS

2015-014

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	3 of 4	
CCHE	27 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$11,421,349	\$11,820,703	\$0	\$23,242,052
CF	\$0	\$11,421,349	\$11,820,703	\$0	\$23,242,052
<b>Total</b>	<b>\$0</b>	<b>\$22,842,698</b>	\$23,641,406	\$0	\$46,484,104

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$4,151,755	\$852,262	\$0	\$5,004,017
Construction	\$0	\$17,342,375	\$16,942,375	\$0	\$34,284,750
Equipment	\$0	\$0	\$4,344,650	\$0	\$4,344,650
Miscellaneous	\$0	\$260,820	\$376,338	\$0	\$637,158
Contingency	\$0	\$1,087,748	\$1,125,781	\$0	\$2,213,529
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$22,842,698</b>	\$23,641,406	\$0	\$46,484,104

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The University of Colorado Denver (CU Denver) Anschutz Medical Campus is requesting a combination of state funds and cash funds spending authority for the first phase of a two-phase project to construct a new, 72,200-GSF Interdisciplinary Building. The Interdisciplinary Building will house a new tier 3 data center, Information Technology Services (ITS) data center staff offices, and the Biomedical Informatics (Bioinformatics) program. The new data center will enable the university to provide reliable, available, and maintainable computing services for the campus. According to the university, data centers typically quantify their operations using a tier system of 1 through 4 as defined by the American National Institute of Standards and the Telecommunications Infrastructure Standards. Tier 1 is the most basic type of server room and tier 4 is the most complex, mission-critical server system; tier 3 is selected by most modern data centers.

In addition, 100 office spaces will be constructed to accommodate clinical faculty offices. The location of the building

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

### Interdisciplinary Building

on the west side of campus is convenient for those clinical faculty who work at the university and the University of Colorado Hospital.

According to the university, the planning, construction, and migration of a tier 3 data center is a complex and lengthy process. Therefore, this year's request for phase I builds basic core and shell space. Phase II will finish the engineering of the data center and build out the interior space for building occupants.

#### PROJECT JUSTIFICATION

The university says that the existing data center in Building 500 is too small and obsolete and does not allow for future expansion. The 2012 Anschutz Medical Campus Facilities Master Plan documents the space deficiency that will exist for the data center, Bioinformatics program, and clinical faculty offices during the 10-year time period from 2012 to 2022 if no additional space is constructed. The existing server room is energy inefficient and unreliable, and does not provide for the computing needs of over 21,000 faculty, staff, and students. Currently, ITS staff members are not located in close proximity to the data center, and the university has identified a shortage of 100 offices to accommodate clinical faculty members. Finally, the Bioinformatics program does not have space on campus to grow and there is no existing space to accommodate all of the program's necessary components.

**Project alternatives.** The university says that several alternatives may be considered should the project not be funded. Additional space in Building 500 could be used to add servers to serve the expanding data center, however this option would be temporary since the aged building does not have adequate utility services and capacity to support the growing IT demands of the campus. The university could lease off-campus office space for clinical faculty, which would be expensive, and the Bioinformatics program would continue to be scattered across campus instead of in one contiguous area.

#### PROGRAM INFORMATION

In 2004, the University of Colorado at Denver officially joined with the University of Colorado Health Sciences Center to create a new university. Initially called the University of Colorado at Denver and Health Sciences Center, it was renamed the University of Colorado Denver in late 2007. The University of Colorado Denver Anschutz Medical Campus (AMC) is a 217-acre campus located on the former Fitzsimons Army Medical Center in northwest Aurora and is the largest health sciences and health care development in the country. The University of Colorado Denver occupies about three million GSF of the AMC, which is devoted to research, education, clinical activities, a library, and administrative space. The University of Colorado Hospital occupies the remaining 1.8 million GSF of the AMC.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	August 2015
Construction	September 2015	December 2016
Equipment	January 2017	April 2017
Occupancy		May 2017

#### LEED CERTIFICATION INFORMATION

CU Denver is dedicating \$942,587 of the project's total construction cost of \$34,284,751, or 2.7 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

### *Interdisciplinary Building*

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#### SOURCE OF CASH FUNDS

The source of cash funds for this project is private donations that will be raised by the university and existing capital building reserve funds.

#### OPERATING BUDGET

Operating expenses are paid from institutional sources. The increased space for the clinical faculty offices and Bioinformatics program will involve an increase in building operating systems based upon the Standard Cost for Building Services. The Standard Cost Rate for FY 2013-14 is calculated at \$18.34 per assignable square foot.

#### STAFF QUESTIONS AND ISSUES

1. Please provide more information on how costs will be shared with the University of Colorado Hospital.

*The current program plan as presented is for University of Colorado space and costing only, it does not include any space or dollar sharing with University of Colorado Hospital (UCH). UCH was merely mentioned as a potential building occupant since they are currently considering a new data center also. If UCH determined that this is a good location for their data center and operations, then additional spaces would be needed in the building and then the appropriate costs would be shared between CU and UCH. If UCH teamed with the CU Anschutz Medical Campus on the data center scope of work, the price per square foot for the data center space would be less expensive. Some of the resources related to the data center like a back-up generator, cooling units, electrical building systems, etc., could have a shared cost that would be less than constructing two separate data centers.*

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

*Instructional Lab Wing*

### PROGRAM PLAN STATUS

2013-016

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	4 of 4	
CCHE	28 of 31	
OSPB	NP of 42	Not prioritized. Not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$9,462,977	\$0	\$0	\$9,462,977
CF	\$0	\$9,462,977	\$0	\$0	\$9,462,977
<b>Total</b>	<b>\$0</b>	<b>\$18,925,954</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,925,954</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,083,631	\$0	\$0	\$2,083,631
Construction	\$0	\$13,045,732	\$0	\$0	\$13,045,732
Equipment	\$0	\$2,091,688	\$0	\$0	\$2,091,688
Miscellaneous	\$0	\$803,667	\$0	\$0	\$803,667
Contingency	\$0	\$901,236	\$0	\$0	\$901,236
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$18,925,954</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,925,954</b>

### PROJECT STATUS

The project was previously approved as part of the university's two-year projection of cash need in January 2012.

### PROJECT DESCRIPTION / SCOPE OF WORK

The University of Colorado Denver (CU Denver) is requesting a combination of state funds and cash funds spending authority to construct a 37,000-GSF Instructional Lab Wing Building on the Auraria campus. The building is an addition to the Auraria Science Building built in 2009. The new addition will house research, instructional, and office space for the university's science programs, including the Departments of Integrative Biology and Chemistry. The project seeks to address space needs associated with the growth of enrollment of health-based science programs at CU Denver.

The proposed building will be four stories tall and will connect with the Auraria Science Building on levels two, three, and four. Also, the new addition will continue the compositional elements of the existing building through its façade.

# Fiscal Year 2014-15 Capital Construction Request

## University of Colorado Denver

*Instructional Lab Wing*

### PROJECT JUSTIFICATION

CU Denver says it has seen substantial growth in the Integrated Biology and Chemistry departments and that it needs additional classroom and lab space to address this demand. Since the work on the Auraria Science Building began in 2006, the Chemistry Department has seen an 89 percent growth in credit hours offered, and a 51 percent increase in enrollment. Credit hours for Integrative Biology increased 55 percent, and enrollment increased 50 percent. There has also been an increase in services at the Health Careers Advising Office for students interested in pursuing careers in the health industry.

CU Denver says the substantial growth in these programs is related to an increase in the number of students declaring majors and minors in the sciences, an increased demand for degrees leading to careers in the health field, and an increase in degree offerings that require chemistry and biology as part of their core curriculum. As a result, there is a growing need for institutional, research, and office space. According to CU Denver, if the university is unable to keep up with this growth, then students will be denied entrance or delayed in graduation.

### PROGRAM INFORMATION

The Instructional Lab Wing Building will house the Departments of Chemistry and Integrative Biology. The Department of Chemistry focuses on providing a foundation in fields such as biochemistry, pharmacology, environmental science, geology, and chemical engineering. Integrative Biology focuses on providing students with a foundation for health and medicine, as well as genetics, molecular biology, forensics, evolutionary biology, and ecology. Opportunities to work in research labs are open to all Integrative Biology students.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	March 2015
Construction	February 2015	March 2016
Equipment	April 2016	May 2016
Occupancy		June 2016

### LEED CERTIFICATION INFORMATION

CU Denver is dedicating \$184,317 of the project's total construction cost of \$13,045,732, or 1.4 percent, to LEED certification. The university plans to build the facility to the LEED gold standard, the second highest of the four possible certification levels.

### SOURCE OF CASH FUNDS

The source of the cash fund is a university treasury loan, institutional reserves, and gifts. CU Denver says the treasury loan may be retired by a future bond issuance.

### OPERATING BUDGET

Operating expenses are paid from institutional sources. Utility costs will increase to \$18.34 per assignable square foot each year. The increased space will increase the Auraria Science Building operating system costs based on the FY 2013-14 cost rate of \$18.34 per assignable square foot.

# Fiscal Year 2014-15 Capital Construction Request

University of Colorado Denver

*Instructional Lab Wing*

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## STAFF QUESTIONS AND ISSUES

All staff questions were incorporated into the project write-up.

# Two-Year Projection of Cash Need

University of Colorado at Boulder

Monday, December 02, 2013

**SUGGESTED  
MOTION:**

*Approve the new project listed on the University of Colorado at Boulder two-year projection of cash need.*

## New Project List, Requires Approval

Project Name	LEED Certification	Amount	Fund Source
<b>Systems Biotechnology Building, Academic Wing</b>	Platinum	\$4,022,989	CF

2011-018

The two-phase project constructs a 57,347-GSF academic wing on the Jennie Smoly Caruthers Biotechnology Building. Construction of this building was recently completed using cash and federal funds. When completed, the academic wing will provide classroom space and teaching laboratories for the Department of Chemical and Biological Engineering and the Biochemistry Division of the Chemistry and Biochemistry Department. The project will support the advancement and application of the university's interdisciplinary biotechnology program in order to achieve breakthrough contributions in genetic engineering and pharmaceuticals, and to gain a better understanding of the genetic basis for numerous diseases.

Out-year costs. The university originally submitted its FY 2014-15 request for this project as a request for cash funds spending authority in FY 2014-15 (\$4,022,989 CF), with a combination of state funds and cash funds spending authority for FY 2015-16 (\$20,243,179 CCF; \$8,000,000 CF). The university plans to submit a state-funded request for this project in FY 2015-16.

The source of cash funds is a combination of private-sector, gift and bequest, and campus research-supported moneys.

**Date Authorized Until:** *TBD*

**Subtotal: New Project List, Requires Approval** **\$4,022,989**

**Grand Total, All Projects:** **\$4,022,989**

**Two-Year Projection of Cash Need**  
**University of Colorado at Colorado Springs**  
**Monday, December 02, 2013**

**SUGGESTED MOTION:**

*Approve the new project listed on the University of Colorado at Colorado Springs two-year projection of cash need.*

**New Project List, Requires Approval**

Project Name	LEED Certification	Amount	Fund Source
<b><i>Health and Wellness Building II</i></b> 2014-089	Gold	\$30,000,000	CF
<p>The project constructs a 77,000-GSF building in the Health and Wellness Village on the University of Colorado at Colorado Springs (UCCS) campus. The village is currently anchored by the Lane Center for Academic Health Sciences, and the expansion will be a collaborative project between UCCS and the Colorado Springs community, focused on sports medicine. The new facility will allow the university to colocate key programs from the Beth-El College of Nursing and Health Sciences, the Department of Biology's programs in Biomedical Science and Exercise Science, and the 3rd- and 4th-year branch medical school of the University of Colorado School of Medicine. Private providers will also use the facility to benefit the university and the community. UCCS says the facility will enhance student education by providing new opportunities for research and collaboration with sports medicine providers and scientists.</p> <p>The source of cash funds is \$8.1 million in Regional Tourism Act (RTA) funds and \$21.9 million in bonds, which may be repaid by a combination of potential condominium sales, lease agreements, or other revenues. The city of Colorado Springs has submitted an application for the RTA funds that will be considered by the state Economic Development Commission in December 2013.</p>			
<b><i>Date Authorized Until:</i></b>		<b><i>TBD</i></b>	

**Subtotal: New Project List, Requires Approval**      **\$30,000,000**

**Grand Total, All Projects:**      **\$30,000,000**

# Two-Year Projection of Cash Need

University of Colorado Denver

Monday, December 02, 2013

**SUGGESTED MOTION:**

*Approve the new projects and reauthorize the expiring projects listed on the University of Colorado Denver two-year projection of cash need.*

**New Project List, Requires Approval**

Project Name	LEED Certification	Amount	Fund Source
<b><i>Business School, Phase II</i></b> 2015-041 The project constructs a 10,785-GSF expansion of the Business School building at 1475 Lawrence Street, near the downtown campus. The existing courtyard on the first three floors of the building will be enclosed, and the space will be used to create a large events center and adjacent support areas, as well as provide operational space for executive programs, which are currently located in another facility. The source of cash funds is gifts and institutional reserves. <b>Date Authorized Until: TBD</b>	N/A	\$4,087,457	CF
<b><i>Central Utility Plant (CUP) Boiler Expansion</i></b> 2015-040 The project installs a new mechanical boiler unit in the Central Utility Plant on the Anschutz Medical Campus. As new construction is completed on the campus, the university is closely monitoring its steam generation boiler system. Once demand increases by more than 12,000 pounds per hour, equivalent to a new office building of approximately 200,000 GSF or a new research facility of approximately 100,000 GSF, a new boiler will be needed. The Central Utility Plant facility has expansion space available for the new boiler. The source of cash funds is bonds and institutional reserves. Utility costs at the Central Utility Plant are assessed to campus users (including University Hospital and Childrens Hospital Colorado), and those fees will be used to repay the bonds. <b>Date Authorized Until: TBD</b>	N/A	\$7,660,800	CF
<b><i>North Classroom Building Additional Renovations</i></b> 2015-039 The project renovates areas of the North Classroom building on the downtown Denver campus, including classrooms, the building atrium, and office spaces for the College of Liberal Arts and Sciences. This cash-funded renovation is intended to accompany a state-funded capital renewal project to renovate North Classroom building infrastructure. Improvements to classrooms under this cash-funded project include ADA compliance, as well as updated technology, lighting, and furnishings. The university explains that many of these spaces have not been renovated since the building opened in 1987, and that the classrooms to be renovated represent half of the classrooms assigned to the University of Colorado Denver on the Auraria Campus, so many students will benefit from the renovations. The source of cash funds is gifts and institutional reserves. <b>Date Authorized Until: TBD</b>	N/A	\$10,928,636	CF

**SUGGESTED MOTION:**

*Approve the new projects and reauthorize the expiring projects listed on the University of Colorado Denver two-year projection of cash need.*

**Research 1 North Tower Energy Conservation Measures Project** N/A \$5,284,097 CF

2015-038

The project implements energy conservation measures in the north tower of the Research 1 building on the Anschutz Medical Campus. The university says that although Research 1 was constructed in 2004, building technologies have advanced significantly since then, and these renovations will allow the building to function with lower energy usage. Based on prior projects, the university estimates an annual savings of \$457,300 in utility costs. Proposed energy conservation measures include installing a lighting control occupancy sensor system, converting fume hoods from constant volume to variable volume, adding a heat recovery loop to the HVAC system, and adding evaporative cooling to the HVAC system.

The source of cash funds is bonds, which will be repaid using cash flow from the energy savings generated by the project.

**Date Authorized Until:** TBD

**Subtotal: New Project List, Requires Approval \$27,960,990**

**Requires Reauthorization, Two-Year Period Elapsed**

Project Name	LEED Certification	Amount	Fund Source
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<b>Colorado Translational Research Imaging Center</b>	Gold	\$32,842,152	CF
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2011-060

The project builds a two-story, 48,000-GSF facility to house all animal and human research imaging equipment on the Anschutz Medical Campus. The facility will be constructed adjacent to the Research 2 building, which houses existing vivarium spaces. The university says bringing its imaging programs together in one facility will help meet growing demand for and research applicability of imaging equipment. The project was previously requested at 30,000 GSF.

The source of cash funds is gifts and institutional reserves.

**Date Authorized Until:** January 19, 2014

**Research 1/Research 2 Renovation of Aquatics and Cage Wash** N/A \$10,751,919 CF

2011-061

The project makes renovations to 8,206 GSF of the Research 1 and Research 2 buildings on the Anschutz Medical Campus to serve the needs of medical researchers. Renovations include converting some animal cage areas to an aquatic facility, replacing cage washers, adding an air handler, and providing additional security to the vivarium areas.

The source of cash funds is gifts and institutional reserves.

**Date Authorized Until:** January 19, 2014

**Research 2 Vivarium & Imaging, Behavioral, and ABSL3 Core Facilities** N/A \$10,798,826 CF

2011-062

The project builds out shelled space and renovates existing vivarium space in the basement of the Research 2 building, a total of 9,432 GSF. The project includes: equipping the new vivarium space, creating a behavioral health suite, creating an additional animal biosafety level 3 (ABSL3) lab, and relocating an imaging suite. According to the university, the project will enhance research capabilities and the utilization of shared research core facilities.

The source of cash funds is gifts and institutional reserves.

**Date Authorized Until:** January 19, 2014

**Subtotal: Requires Reauthorization, Two-Year Period Elapsed \$54,392,897**

**Grand Total, All Projects: \$82,353,887**

**University of Colorado System  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>University of Colorado at Boulder</b>								
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>	
<i>Current Year Request(s)</i>								
Aerospace and Energy Systems Building	CCF	4,354,159	22,360,877	1,575,680	0	0	\$28,290,716	
	CF	2,902,772	14,907,251	1,050,453	0	0	\$18,860,476	
Ketchum Arts and Sciences Building (Capital Renewal Project)	CCF	11,592,712	0	0	0	0	\$11,592,712	
	CF	1,149,528	0	0	0	0	\$1,149,528	
Systems Biotechnology Building, Academic Wing	CCF		20,243,179	0	0	0	\$20,243,179	
	CF	4,022,989	8,000,000	0	0	0	\$12,022,989	
<i>Out Year Request(s)</i>								
Guggenheim Hall (Capital Renewal Project)	CCF	0	6,386,629	0	0	0	\$6,386,629	
	CF	0	0	0	0	0	\$0	
Hellems Arts and Sciences Building (Capital Renewal Project)	CCF	0	27,182,840	0	0	0	\$27,182,840	
	CF	0	0	0	0	0	\$0	
Henderson Building (Capital Renewal Project)	CCF	0	8,164,191	0	0	0	\$8,164,191	
	CF	0	0	0	0	0	\$0	
<i>Total: State Funds</i>			19,969,860	84,337,716	1,575,680	0	0	\$101,860,267
<b>Grand Total</b>			<b>\$24,022,160</b>	<b>\$107,244,967</b>	<b>\$2,626,133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$133,893,260</b>

<b>University of Colorado at Colorado Springs</b>								
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>	
<i>Current Year Request(s)</i>								
Visual and Performing Arts Complex	CCF	13,281,999	9,608,699	0	0	0	\$22,890,698	
	CF	21,413,439	6,980,000	0	0	0	\$28,393,439	
<i>Out Year Request(s)</i>								
Engineering and Applied Science (EAS) Renovation	CCF	0	0	0	6,556,349	21,042,173	\$27,598,522	
	CF	0	0	0	0	0	\$0	
South Hall	CCF	0	0	2,375,025	31,349,837	0	\$33,724,862	
	CF	0	0	0	0	0	\$0	
<i>Total: State Funds</i>			13,281,999	9,608,699	2,375,025	37,906,186	21,042,173	\$84,214,082
<b>Grand Total</b>			<b>\$34,695,438</b>	<b>\$16,588,699</b>	<b>\$2,375,025</b>	<b>\$37,906,186</b>	<b>\$21,042,173</b>	<b>\$112,607,521</b>

**University of Colorado System, cont.  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

<b>University of Colorado Denver</b>							
<b>Project Title</b>	<b>Fund Source</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>Totals</b>
<i>Current Year Request(s)</i>							
Various Projects at the Anschutz Medical Campus (formerly Fitzsimons) (COP Project)	CCF	7,290,738	7,289,938	7,255,213	6,261,775	6,154,188	\$34,251,852
	CF	7,000,000	7,000,000	7,000,000	8,000,000	8,000,000	\$37,000,000
Instructional Lab Wing	CCF	9,462,977	0	0	0	0	\$9,462,977
	CF	9,462,977	0	0	0	0	\$9,462,977
Interdisciplinary Building	CCF	11,421,349	11,820,703	0	0	0	\$23,242,052
	CF	11,421,349	11,820,703	0	0	0	\$23,242,052
North Classroom Building Renovation (Capital Renewal Project)	CCF	7,846,650	0	0	0	0	\$7,846,650
	CF	12,683,469	0	0	0	0	\$12,683,469
<i>Out Year Request(s)</i>							
Engineering and Physical Science Building	CCF	0	0	9,914,380	0	0	\$9,914,380
	CF	0	0	29,743,139	0	0	\$29,743,139
<i>Total: State Funds</i>		36,021,714	19,110,641	17,169,593	6,261,775	6,154,188	\$84,717,911
<b>Grand Total</b>		<b>\$76,589,509</b>	<b>\$37,931,344</b>	<b>\$53,912,732</b>	<b>\$14,261,775</b>	<b>\$14,154,188</b>	<b>\$196,849,548</b>

**University of Northern Colorado  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Out Year Request(s)</i>							
Education Innovation Building	CCF	0	39,960,000	0	0	0	\$39,960,000
	CF	0	0	0	0	0	\$0
Music Performance Addition and Renovation	CCF	0	0	25,650,000	0	0	\$25,650,000
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		0	39,960,000	25,650,000	0	0	\$65,610,000
<b>Grand Total</b>		<b>\$0</b>	<b>\$39,960,000</b>	<b>\$25,650,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$65,610,000</b>

# Fiscal Year 2014-15 Capital Construction Request

## Western State Colorado University

### Quigley Hall Renovation

#### PROGRAM PLAN STATUS

2007-133

Approved Program Plan?  Yes  No      Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	1 of 1	
CCHE	11 of 31	
OSPB	30 of 42	Prioritized, but not recommended for funding.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$25,779,853	\$0	\$0	\$25,779,853
<b>Total</b>	<b>\$0</b>	<b>\$25,779,853</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,779,853</b>

#### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,905,129	\$0	\$0	\$2,905,129
Construction	\$0	\$18,592,085	\$0	\$0	\$18,592,085
Equipment	\$0	\$1,500,000	\$0	\$0	\$1,500,000
Miscellaneous	\$0	\$439,016	\$0	\$0	\$439,016
Contingency	\$0	\$2,343,623	\$0	\$0	\$2,343,623
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$25,779,853</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,779,853</b>

#### PROJECT STATUS

This is the seventh request for funding. Funding on behalf of the project has been requested each year since FY 2008-09.

#### PROJECT DESCRIPTION / SCOPE OF WORK

Western State Colorado University (WSCU) is requesting state funds to renovate Quigley Hall to address life-safety and code-compliance issues in the two-story academic building. The project replaces the HVAC, plumbing, and electrical systems and repairs a load-bearing wall. The project also reconfigures the space within the building to address space needs and accessibility issues and improve functionality. In addition, the project makes upgrades to the building's information technology (IT) infrastructure and classroom technology. The project has been updated to include asbestos abatement for the entire building.

When complete, Quigley Hall will contain modernized space for the Art and Music Departments, including classrooms, teaching laboratories for various art and music disciplines, a computer lab, gallery space, a recital hall, and faculty and staff offices.

# Fiscal Year 2014-15 Capital Construction Request

## Western State Colorado University

### Quigley Hall Renovation

#### PROJECT JUSTIFICATION

Quigley Hall is over 40 years old and the college says it requires significant renovation to meet code requirements, modernize building and technology systems, and restructure how the space is used within the facility. WSCU has identified this project as its highest capital construction priority.

WSCU says the building's mechanical and electrical systems are not code-compliant and present life-safety concerns. For instance, many of the building's art labs lack adequate ventilation, which poses health and safety issues for students and faculty who work with chemicals and paints. The building's electrical system cannot handle current loads. A crack in a load-bearing wall may impact the integrity of the building, and the college says it represents a major health, life, and safety concern for students and faculty. The roofing system over the art labs has been patched numerous times and requires replacement. In addition, record snow during the winter of 2007-08 raised questions about the structural integrity of the roof. Finally, WSCU has learned that the building has a significant asbestos problem, and that nearly every surface in the building, including floors, ceilings, and walls, contains asbestos. WSCU solicited a third-party to determine the extent of the required asbestos abatement during 2012. An asbestos abatement of the entire structure is not cost-effective without funding to renovate the building.

According to WSCU, the space within Quigley Hall needs to be reconfigured to create a more functional facility, thus allowing the university to meet the program needs of the Art and Music Departments. The university also says restructuring the building will enable both the Art and Music Departments to handle student enrollment growth, which is currently targeted at 2 percent annually, while still maintaining small class sizes. According to the university, many of the art labs are improperly sized, creating safety issues around crowded production areas. Resizing music spaces will create rooms to accommodate more small and medium-sized ensembles, which have become an increasingly important part of music education. In addition, WSCU says most of the private music instruction rooms are too small, and many have inadequate acoustical treatments, creating the potential for hearing damage. The university says the project will improve the facility's access and usability.

There are no project alternatives. WSCU says that, considering the age and condition of Quigley Hall, anything short of a major remodel would not be sufficient to address the life-safety issues and space deficiencies in the building. According to the university, renovation is the most cost-effective option for Quigley Hall and the programs it services.

#### PROGRAM INFORMATION

For the 2013-14 academic year, WSCU has 3,561 students enrolled with 185 classes offered. Over the last four years, the university has averaged around 4,000 students total. WSCU says that all students use programming offered at Quigley Hall at some point during their academic career. Quigley Hall houses WSCU's Art and Music Departments, faculty and staff offices, gallery and performance space for other academic programs, extra-curricular activities, and community events. The hall also hosts 12 campus convocations each year and numerous activities with 3,000 participating students.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	December 2014
Construction	March 2015	June 2016
Equipment	June 2016	August 2016
Occupancy		August 2016

#### LEED CERTIFICATION INFORMATION

WSCU is dedicating \$355,335 of the project's total construction cost of \$18,236,750, or 1.9 percent, to the High

# **Fiscal Year 2014-15 Capital Construction Request**

## **Western State Colorado University**

### *Quigley Hall Renovation*

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Performance Certification Program. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

#### **SOURCE OF CASH FUNDS**

This project is not funded from cash sources.

#### **OPERATING BUDGET**

Operating expenses are paid from institutional sources.

#### **STAFF QUESTIONS AND ISSUES**

All responses to staff questions were incorporated in the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Agriculture

### *eLicense Implementation*

#### PROGRAM PLAN STATUS

2015-025

Approved Program Plan?  Date Approved:

#### PRIORITY NUMBERS

<b>Prioritized By</b>	<u>Priority</u>	
Dept/Inst	1 of 1	
OSP/B	N/A of 42	Recommended for funding from cash sources.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$0	\$700,000	\$0	\$0	\$700,000
<b>Total</b>	<b>\$0</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$700,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$700,000	\$0	\$0	\$700,000
<b>Total</b>	<b>\$0</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$700,000</b>

#### PROJECT STATUS

This is a new, never-before requested project.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Agriculture is requesting cash funds spending authority to configure and deploy a web-based application, CAVU, a product of Iron Data, LLC, to facilitate the department's licensing activity and inspection schedule. The eLicense program will automate the annual processing of about 40,000 permits, license applications, and renewals for facilities that process, produce, or are involved with eggs, feed, fertilizers, meat processing, pesticides, organics, pet animal care, scales, and more. The program will also allow real-time processing, tracking, and reporting of inspection-related enforcement actions. Under the eLicense program, the department's customers, who currently submit paper applications via post, will complete applications and pay online and, in most cases, receive their permits and licenses instantly.

The CAVU eLicense program is already built and ready for use. The Governor's Office of Information Technology (OIT) has approved of the request to move the department's licensing activity to the CAVU eLicense program, which is already utilized by the Department of Regulatory Agencies (DORA). The department is currently working with the vendor to complete the requirements phase, where the requirements for the software are defined and documented. Upon approval of its cash funds spending authority OIT will perform a technical investigation of the eLicense program

# Fiscal Year 2014-15 Capital Construction Request

## Agriculture

### *eLicense Implementation*

on behalf of the department, as is its standard procedure, and will alert the relevant agencies of any increase in requested funding resulting from these investigations within 30 days. The department's implementation of the eLicense program is scheduled for late spring or early summer of 2014. The Colorado Agriculture Commission has already promulgated rule changes to move some permit and license application deadlines to accommodate the program's implementation.

#### PROJECT JUSTIFICATION

The department says its current system of issuing licenses and tracking inspections is inefficient, labor-intensive, and heavily reliant on paper and postage.

Several years ago, the department began working toward a web-based solution to address the inefficiencies of its paper-based application system, which costs the department about \$40,000 annually in paper and postage costs alone. According to the department, both its staff and its customers will benefit from an online application system: at least 2.0 FTE can be reallocated to other functions within the department and, in most cases, customers will receive licenses and permits electronically. In Fall 2012, the department held a series of meetings to assess the benefit of streamlining its licensing activity, during which both DORA and OIT demonstrated and recommended CAVU's eLicense solution.

Under the current application system, new applicants submit their paperwork and payment through the mail to the specific program in the department to which they are applying. Generally, payments are only accepted in the form of a check, though cash is accepted if the applicant visits the department's main office and credit cards are accepted only for a few programs since the state portal is not able to process detailed credit card information. Program employees manually process these applications, which includes checking each form against current records by sight. If the forms and payment are approved, program staff mail a hard copy permit back to the applicant. If the forms are not approved, the applicant is typically notified by mail. The department also processes renewals manually, by mailing renewal paperwork to current permit and/or license holders who must return their applications and checks through the mail.

The tracking of inspections, which triggers enforcement actions when necessary, also depends on manual updates to a database, which are not always up-to-date. The software will allow inspectors in the field to have real-time access to the online database of license holders. The database will eliminate the need for inspectors to manually review high-risk permit holders and develop an inspection schedule accordingly. Instead, the system will automatically generate the inspection schedule based on current data, and free up inspectors to spend more time in the field.

**Project alternative.** The department initially acquired the database software Microsoft Access to consolidate permit and license information with the long-term goal of developing a web portal for customers to request and pay for permits and licenses online, but found that the complexity of each application process was beyond the capabilities of this software solution.

#### PROGRAM INFORMATION

According to the department, the Colorado agriculture industry contributes over \$40 billion to the state's economy and provides nearly 173,000 jobs annually, including over 250 at the department. The department estimates an annual receipt of about 40,000 permit and/or license applications or renewals. There are eight divisions in the department, five of which have licensing and corollary inspection responsibilities.

**Animal Industry Division.** The Animal Industry Division is responsible for licensing and inspecting pet animal care and aquaculture facilities.

**Brands Division.** The Brands Division is responsible for licensing and inspecting alternative livestock farms, brands, livestock sale barns, and processing plants.

**Conservation Services Division.** The Conservation Services Division is responsible for issuing chemigation permits and performing on-site investigations of chemigation systems.

# Fiscal Year 2014-15 Capital Construction Request

## Agriculture

### eLicense Implementation

**Inspection and Consumer Services Division.** The Inspection and Consumer Services Division is responsible for licensing and inspecting agriculture commodity handlers and dealers; anhydrous ammonia tanks; animal feed; custom meat and wild game processors; door-to-door food sales companies; eggs; fertilizer; grain warehouses; packages for correct weighing and pricing; and weighing and measuring devices.

**Plant Industry Division.** The Plant and Industry Division is responsible for bee inspection and investigations; chemigation and containment inspections; commercial and private pesticide applicator testing, licensing, and investigations; nursery stock inspection; organic certification; pesticide registration, marketplace pesticide inspections, and pesticide dealer inspections; produce, plant, and seed export certification; and seed inspection and certification.

### PROJECT SCHEDULE

	Start Date	Completion Date
Requirements Phase	Spring 2013	Summer 2013
Configuration	Winter 2013	Spring 2014
Deployment	Spring 2014	Summer 2014

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it is an information technology project paid from cash funds and does not involve the renovation, design, or construction of a physical facility.

### SOURCE OF CASH FUNDS

There are three sources of cash funds for this project: the Inspection and Consumer Cash Fund (\$300,000); the Plant Health, Pest Control, and Environmental Protection Fund (\$300,000); and the Agricultural Management Fund (\$100,000).

**Inspection and Consumer Cash Fund.** Pursuant to Section 35-1-106.5, C.R.S., the Inspection and Consumer Cash Fund is financed through fees, fines, and penalties collected for custom processing of meat animals; commercial feeding stuffs; eggs; farm products and farm commodity warehouses; fertilizers; and weights and measures. The fund may be used for agricultural efforts approved by the commissioner, including employees; to offer grant assistance to conservation districts; and for the 2013 department office consolidation. The fund had a balance of \$3,043,193 at the end of FY 2012-13.

**Plant Health, Pest Control, and Environmental Protection Fund.** Pursuant to Section 35-1-106.3, C.R.S., the Plant Health, Pest Control, and Environmental Protection Fund is financed through fees, fines, and penalties collected for bees; commercial fertilizers; forage crops; groundwater protection and water quality control; nurseries; pest control and pesticides; organic certification; and seeds. The fund may be used for enforcement. The fund had a balance of \$3,793,907 at the end of FY 2012-13.

**Agricultural Management Fund.** Pursuant to Section 35-1-106.9, C.R.S., the Agricultural Management Fund accrues revenue from 65 percent of the interest earned on the Unclaimed Property Tourism Promotion Trust Fund created in Section 38-13-116.7, C.R.S. The fees collected may be used to fund groundwater protection efforts, while the revenues may be used to fund the department's biological pest control efforts. The fund had a balance of \$2,272,934 at the end of FY 2012-13.

According to the department, both the Inspection and Consumer Cash Fund and the Plant Health, Pest Control, and Environmental Protection Fund currently exceed their statutory reserve limit and are projected to remain solvent after this expenditure. The department states that there are sufficient reserves in the Agriculture Management Fund to

# Fiscal Year 2014-15 Capital Construction Request

## Agriculture

### *eLicense Implementation*

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cover this expense.

#### OPERATING BUDGET

The department's initial estimate for the annual licensing cost of the CAVU eLicense system is \$15,000 per year. This amount will come from various operating appropriations to the department and the Agricultural Management Fund beginning in FY 2014-15.

#### STAFF QUESTIONS AND ISSUES

1. Will OIT and/or the Statewide Internet Portal Authority (SIPA) charge the department for the configuration of the system? Please provide a breakdown of how the \$700,000 will be expended.

*No. The \$700,000 is an initial estimate of costs for Colorado Interactive and Irondata. These costs are for personnel to configure the programming of the system to handle the workflows and technical data so the system will function as intended for the department.*

2. Does the agency's current computer inventory have the capacity to withstand CAVU system requirements?

*Because the system is web-based, there are no minimum computer requirements except for access to the internet.*

3. It is indicated that the project may cost more than \$700,000. What will the source of funding be in case of overage? When will the department know if the cost will exceed the amount of this request?

*The funding sources will remain the same. Irondata is expected to review the requirements matrix throughout the month of October and have a formal quote to the department by November 1. The department will provide updates to the Office of State Planning and Budgeting, the Joint Budget Committee, and the Capital Development Committee staff as information becomes available.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*New Colorado History Museum (COP Project)*

### PROGRAM PLAN STATUS

2012-001

Approved Program Plan?  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	1 of 5
OSP/B	N/A of 42

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$8,983,640	\$3,021,734	\$3,021,835	\$9,065,488	\$24,092,697
<b>Total</b>	<b>\$8,983,640</b>	<b>\$3,021,734</b>	<b>\$3,021,835</b>	<b>\$9,065,488</b>	<b>\$24,092,697</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$8,983,640	\$3,021,734	\$3,021,835	\$9,065,488	\$24,092,697
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$8,983,640</b>	<b>\$3,021,734</b>	<b>\$3,021,835</b>	<b>\$9,065,488</b>	<b>\$24,092,697</b>

### PROJECT STATUS

This is an ongoing request for an annual lease payment. The projects funded through the sale of certificates of participation (COPs) are completed and occupied.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado Historical Society (History Colorado) is requesting cash funds spending authority for the fourth of 34 certificates of participation (COP) annual lease payments for the construction of the new state history museum, known as the History Colorado Center. The FY 2014-15 payment is due in September 2014. This request only pays the annual lease payment costs associated with the construction of the new museum. The full COP issuance finances both the new museum and the new judicial center. Another project (No. 2013-008) pays for the portion of the annual lease payments associated with the construction of the new judicial center. The authority to enter into these agreements was provided through Senate Bill 08-206.

The total repayment cost to the state for constructing and equipping the new museum is about \$130.1 million. The construction of a new museum fulfills the mission and goals of History Colorado of meeting Colorado's educational needs and improving its stewardship of state historical records and artifacts. The museum provides creative and interactive exhibits conducive to engaging visitors of all ages, backgrounds, and learning styles. The museum offers on-site interpreters to facilitate visitor interaction with exhibits, and programs such as lectures, adult classes, summer

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*New Colorado History Museum (COP Project)*

youth camps, and overnights. Further, it also houses History Colorado administrative offices, collections management facilities, the Office of Archaeology and Historic Preservation, and the Stephen H. Hart Library.

### PROJECT JUSTIFICATION

According to History Colorado, if this year's request is not approved, COP default and foreclosure on the building may occur. The key objectives of the overall project are to:

- meet the educational needs of Colorado;
- enhance the facility for public outreach;
- strengthen community identity and partnerships;
- support local economic objectives for tourism;
- improve the facility's efficiency and cost benefits;
- address historic preservation program needs; and
- improve stewardship of the state's collections.

History Colorado says that a number of deficiencies in its former museum made it difficult to meet its statutory responsibilities, which contributed to poor morale among museum workers and an unfavorable impression of the museum among the public.

### PROGRAM INFORMATION

The Colorado Historical Society was founded in 1879. The state museum and library were housed in the State Capitol until 1913, when they were moved to 14th and Sherman (currently, the Legislative Services Building). In 1977, the museum moved to the Colorado Heritage Center at 13th and Broadway. The museum closed in March 2010, in order to make way for the construction of a new justice center and state museum. In 2012, the new History Colorado Center, located at 12th and Broadway, opened to visitors.

### PROJECT SCHEDULE

This request makes an annual lease payment. COP payments for the project will continue for 31 more years, 1 September 2045.

### LEED CERTIFICATION INFORMATION

Annual lease payments for COPs are not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is the State Historical Fund administered pursuant to Section 12-47.1-1201, C.R.S. The fund accrues revenue from limited stakes gaming. History Colorado projects the FY 2013-14 year-end balance of the fund will be about \$45.0 million.

### OPERATING BUDGET

This project has no impact on state operating costs.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions have been incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*Regional Museum Preservation Projects*

### PROGRAM PLAN STATUS

2002-180

Approved Program Plan?  Yes

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	2 of 5
OSP/B	N/A of 42

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CF	\$4,300,001	\$700,000	\$0	\$0	\$5,000,001
CFE	\$5,958,131	\$0	\$0	\$0	\$5,958,131
FF	\$1,145,878	\$0	\$0	\$0	\$1,145,878
<b>Total</b>	<b>\$11,404,010</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,104,010</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$536,773	\$29,000	\$0	\$0	\$565,773
Construction	\$7,574,792	\$222,400	\$0	\$0	\$7,797,192
Equipment	\$2,731,101	\$385,000	\$0	\$0	\$3,116,101
Miscellaneous	\$155,144	\$0	\$0	\$0	\$155,144
Contingency	\$406,200	\$63,600	\$0	\$0	\$469,800
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$11,404,010</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,104,010</b>

### PROJECT STATUS

This is an ongoing request. Cash funds spending authority has been granted on behalf of the project each year for the last 13 years. History Colorado did not detail outyear request amounts in its current year request documents, but it indicates that it will continue to submit a request for cash funds spending authority each year for the foreseeable future.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado Historical Society (History Colorado) is requesting cash funds spending authority to address a number of historical preservation projects at regional museums. History Colorado says that it has statutory responsibility to reconstruct, restore, repair, install, and furnish state monuments to the extent funds are available. For FY 2014-15, funds will be used for the projects listed below:

- (1) Georgetown Loop Railroad (Georgetown/Silver Plume) — The project purchases additional rolling stock and makes repairs to existing locomotives, passenger cars, kitchen cars, and work cars (\$450,000).

## Fiscal Year 2014-15 Capital Construction Request

### Colorado Historical Society (History Colorado)

#### Regional Museum Preservation Projects

- (2) Grant-Humphreys Mansion (Denver) — The project makes minor interior and exterior repairs and purchases new furnishings to meet programming and rental demands (\$40,000).
- (3) Byers-Evans House (Denver) — The project makes interior and exterior repairs on the property (\$45,000).
- (4) El Pueblo History Museum (Pueblo) — The project upgrades and makes repairs to the landscaping around the museum and performs adobe maintenance (\$20,000).
- (5) Fort Garland Museum (Fort Garland) — The project makes repairs to the adobe walls and applies new plaster wash (\$20,000).
- (6) Fort Vasquez Museum (Platteville) — The project makes repairs to adobe plaster work (\$20,000).
- (7) Healy House (Leadville) — The project replaces the exterior walkways (\$25,000).
- (8) Pearce-McAllister Cottage (Denver) — The project restores the front fence and gate (\$10,000).
- (9) Trinidad History Museum (Trinidad) — The project removes deteriorated sheds from the property and relocates collections in the museum (\$40,000).
- (10) Ute Indian Museum (Montrose) — The project makes repairs to the gravel walks, maintains planted areas, and patches exterior stucco (\$20,000).
- (11) Support Centers (Denver and Pueblo) — The project addresses code and safety issues and improves systems for protecting collections at these storage facilities, relocating collections as necessary for repairs (\$10,000).

#### PROJECT JUSTIFICATION

History Colorado says that not making the improvements will endanger the structural integrity of the buildings, endanger the general public, impact public accessibility, and increase future preservation needs. This would also have adverse effects on local communities and economies by harming tourism revenue.

#### PROGRAM INFORMATION

All historic properties held by the Colorado Historical Society are state monuments, as set forth in the State Monuments Act.

Below is the status of work completed and underway with the FY 2012-13 appropriation.

- (1) Georgetown Loop Railroad (Georgetown/Silver Plume) — The project is near completion. It focused on track maintenance, purchasing rolling stock, and restoring of the No. 111 locomotive.
- (2) Grant-Humphreys Mansion (Denver) — The floors have been refinished, the carpet has been replaced, exterior repairs have been completed, and staff is currently gathering bids for plaster repairs.
- (3) Byers-Evans House (Denver) — Staff is developing reinterpretation designs. Exterior work, including tree removal and retaining wall repair, is complete.
- (4) El Pueblo History Museum (Pueblo) — Replacement of all light bulbs in the building, in partnership with Black Hills Energy, is tentatively scheduled for late November. Exterior landscape and building facade work is being scheduled.
- (5) Fort Garland Museum (Fort Garland) — Bids are currently being collected for adobe and plaster repairs, with work scheduled to begin in Spring 2014.
- (6) Fort Vasquez Museum (Platteville) — Bids are currently being collected for adobe and plaster repairs, with work

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

### Regional Museum Preservation Projects

scheduled to begin in Spring 2014.

(7) Healy House (Leadville) — Bids are currently being collected for exterior fence repairs, with work scheduled to begin in Spring 2014.

(8) Pearce-McAllister Cottage (Denver) — Bids are currently being collected to paint the house, with work scheduled to begin in Spring 2014.

(9) Trinidad History Museum (Trinidad) — Bids are currently being collected for adobe and plaster repairs, with work scheduled to begin in Spring 2014.

(10) Ute Indian Museum (Montrose) — Seasonal landscape maintenance in the native garden area is complete.

(11) McFarlane House (Central City) — Bids are currently being collected in partnership with the Central City Opera. Work is scheduled to begin in Spring 2014.

(12) Support Centers (Denver and Pueblo) — Minor repairs to building systems in the Denver Support Center are complete. Bids are currently being collected for light bulb replacement at Pueblo Support Center.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	June 2014	May 2015
Construction	June 2015	June 2017
Equipment	June 2015	June 2017
Occupancy		June 2017

### LEED CERTIFICATION INFORMATION

No state funds are requested for the project, so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

### SOURCE OF CASH FUNDS

The source of cash funds is revenue earned from the operation of the Georgetown Loop Railroad (\$100,000 CF) and the State Historical Fund (\$600,000 CF). The source of cash funds for the project is the State Historical Fund administered pursuant to Section 12-47.1-1201, C.R.S. The fund accrues revenue from limited stakes gaming. History Colorado projects the FY 2013-14 year-end balance of the fund will be about \$45.0 million.

### OPERATING BUDGET

This project has no impact on state operating costs.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*Georgetown Loop Business Capitalization Program*

### PROGRAM PLAN STATUS

2014-008

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	3 of 5
OSPB	19 of 42      Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000
CF	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
<b>Total</b>	\$400,000	<b>\$400,000</b>	\$400,000	\$400,000	\$1,600,000

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$43,996	\$33,700	\$0	\$26,000	\$103,696
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$323,640	\$333,000	\$363,640	\$340,000	\$1,360,280
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$32,364	\$33,300	\$36,360	\$34,000	\$136,024
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$400,000	<b>\$400,000</b>	\$400,000	\$400,000	\$1,600,000

### PROJECT STATUS

This is a continuation project. Phase I was funded in FY 2013-14.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado Historical Society (History Colorado) is requesting a combination of state funds and cash funds spending authority for the second phase of a four-phase project to purchase additional rolling stock (locomotives) and make repairs to the existing rolling stock at the Georgetown Loop Railroad. The project will increase the reliability of the railroad's operations in order to promote local tourism, increase annual ridership, and maintain a positive business reputation in the community and the state. This year's request for Phase II makes improvements to three locomotives and purchases a salvaged locomotive to refurbish. Two future phases, at the same rate, will continue repairs on other locomotives and purchase additional rolling stock, as needed. Phase I funded the rebuilding and refurbishing of three diesel engines and performed a repair survey on a steam locomotive.

Specifically, this year's request makes the following improvements:

- Locomotive 21 (diesel engine): replaces two worn wheel sets (\$25,000);
- Locomotive 1203 (diesel engine): rotates four wheel sets, rebuilds and replaces two small (pinion) gears on two

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

### *Georgetown Loop Business Capitalization Program*

traction motors, secures a rebuilt turbocharger or entire back-up prime mover (internal combustion engine) (\$105,000);

- Locomotive 111 (steam engine): performs final reassembly (\$100,000); and
- Purchases and begins to refurbish a used diesel locomotive large enough to pull a nine-car train (\$170,000).

#### PROJECT JUSTIFICATION

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. History Colorado explains that the railroad currently operates one steam locomotive and three diesel locomotives — only one of which is adequately sized for its needed pulling capacity. Ideally, a railroad the size of the Georgetown Loop should operate a fleet of three diesel locomotives and three steam locomotives of appropriate size and pulling capacity, says History Colorado. Additionally, there is a limited inventory of historic narrow gauge locomotives available for purchase worldwide, and History Colorado says the project provides dedicated funds so it can be proactive in acquiring historic rolling stock. History Colorado says continued repairs to Locomotive 21 are necessary in order to complete a fire mitigation project on the property, which is separately funded through controlled maintenance dollars.

The Georgetown Loop Railroad is the second-most visited of the Colorado Historical Society sites, behind the History Colorado Center, with 107,297 passengers and an additional 40,000 site visitors in calendar year 2012. The well-known property attracts tourists nationally and internationally. The railroad teaches visitors about mountain railroading and the state's mining heritage. According to the Clear Creek Economic Development Corporation, tourism is the second largest industry in Clear Creek County, and the Georgetown Loop Railroad is the anchor of the local tourist economy. The Georgetown Board of Selectmen say that 325 businesses in the area rely on the draw of the railroad for summer business and that when the railroad is not operational due to maintenance issues, local businesses measure a 20 percent decrease in sales. Additionally, the Georgetown Board of Selectmen explain that the railroad employs 55 seasonal workers and 15 year-round employees.

If the project is unfunded, History Colorado says it will run the risk of future equipment failure, which results in shutdowns. Every day the railroad is closed creates a domino effect that negatively impacts revenue generation, the railroad's ability to employ winter workers to perform maintenance on its rolling stock, and also the larger tourist economy in Clear Creek. Breakdowns of all functioning rolling stock in 2007 caused a 39-day shutdown that merchants in Georgetown say they still feel the effects of today.

#### PROGRAM INFORMATION

The Georgetown Loop Railroad is an old-time steam and diesel locomotive that operates between Georgetown and Silver Plume, 45 miles west of Denver. The tracks scale an elevation of 640 feet over mountainous terrain and curves totaling 3.1 miles of narrow gauge track. It includes horseshoe curves, grades of up to 4 percent, and four bridges across Clear Creek. The railroad, which is owned by the state, is operated through a public-private partnership by Historic Rail Adventures, LLC. Except in years with equipment difficulties, ridership of the railroad has been steadily increasing over the last decade. History Colorado says it hopes to eventually increase visitation to 140,000 paid passengers annually.

#### PROJECT SCHEDULE

	Start Date	Completion Date
<b>Planning Phase</b>	July 2013	June 2016
<b>Construction Phase</b>	July 2013	June 2016
<b>Close-out Phase</b>	April 2017	June 2017

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*Georgetown Loop Business Capitalization Program*

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it does not involve the renovation, design, or construction of a physical facility.

### SOURCE OF CASH FUNDS

The source of cash funds is gifts, grants, and donations. The funds are deposited into the Colorado Historical Foundation and transferred to the Capitalization Project appropriation for spending.

### OPERATING BUDGET

This project has no impact on state operating costs. The railroad anticipates that the project will increase revenues and thereby offset a large impact to its operating budget. See Staff Questions and Issues section for more detail.

### STAFF QUESTIONS AND ISSUES

1. Please provide the big picture of how the railroad has been paying for rolling stock beyond this project.

*Prior to FY 2013-14, rolling stock maintenance and acquisitions were covered out of the Regional Property Preservation Project (an annual spending authority request to address general maintenance at all History Colorado properties); \$450,000 of this appropriation is dedicated to annual maintenance at the Georgetown Loop Railroad. Approximately 70 percent of that budget goes toward rolling stock acquisition and maintenance. This is not an adequate amount to fully capitalize this business. The intent of the Georgetown Loop Business Capitalization Program request is to fully capitalize the business.*

2. Will the additional rolling stock increase the operating budget of the railroad?

*Yes it will. However, owning six total locomotives is the correct target for capitalizing a business of this size and nature. There are efficiency improvements and market reliability cause and effects that are outlined below:*

*a. Estimated maintenance cost for two adequately sized locomotives (currently in use) in calendar year 2013-14 is \$193,000, while the estimated maintenance cost for a fleet of six locomotives is \$297,000. A \$104,000 increase. This is attributable to the following factors:*

- To maintain two locomotives, the cost per locomotive is \$96,500.*
- To maintain six locomotives, the cost per locomotive is \$49,500.*

*b. Estimated increase in revenue is \$96,579 due to improved reliability and the draw of operating a steam engine more days per season that will result in more passengers.*

- There is an exponential variable regarding revenue loss during a breakdown. For example, in 2007 the railroad was down for 39 days with an estimated loss in revenue of \$386,100. There was only one adequately sized locomotive on the property in 2007.*
- It is difficult to quantify the economic impact of a breakdown of this nature. However, it has a tremendous impact on public perception of reliability of operation. Approximately 45 percent of ticket sales are walk-up purchases.*

*c. \$100,000/year operations savings available if the #9 Shay Locomotive lease can be terminated.*

- The #9 Shay Locomotive is leased from a 3rd party at a cost of \$100,000 per year. As the Georgetown Loop Railroad Capitalization Project progresses, History Colorado will rely less on this lease.*

*d. Net increase in revenue over expenses = \$92,579.*

3. Please detail the lease arrangement for the #9 Shay Locomotive with the Midwest Central Railroad (MWCRR).

*The #9 Shay Locomotive is leased by Historic Rail Adventures, LLC (HRA), through the 2017 season. HRA pays the*

## **Fiscal Year 2014-15 Capital Construction Request**

### **Colorado Historical Society (History Colorado)**

#### *Georgetown Loop Business Capitalization Program*

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*Midwest Central Railroad \$100,000 per year for use of the locomotive. HRA is responsible for the costs of maintenance, Federal Railroad Administration compliance, and repair of the locomotive. HRA is reimbursed for these costs by History Colorado as outlined in each year's approved budget. The lease was necessitated because there were no other appropriately sized and operating narrow gauge steam locomotives available.*

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*Lebanon Mill Dam Restoration*

### PROGRAM PLAN STATUS

2015-026

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	4 of 5	
OSP/SPB	18 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$768,210	\$0	\$0	\$768,210
<b>Total</b>	<b>\$0</b>	<b>\$768,210</b>	<b>\$0</b>	<b>\$0</b>	<b>\$768,210</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$276,057	\$0	\$0	\$276,057
Construction	\$0	\$421,740	\$0	\$0	\$421,740
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$28,239	\$0	\$0	\$28,239
Contingency	\$0	\$42,174	\$0	\$0	\$42,174
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$768,210</b>	<b>\$0</b>	<b>\$0</b>	<b>\$768,210</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado Historical Society (History Colorado) is requesting state funds to reconstruct the Lebanon Mill Dam. The dam will create the Lebanon Mill Reservoir for a total of 1.65 acre feet of water storage. The project creates a secure water source for the Georgetown Loop Railroad (Georgetown Loop), in order to:

- capture History Colorado's water rights from Clear Creek for the augmentation of water depletions;
- generate electricity to power the Lebanon Mine and Mill sites; and
- provide an educational tool on historic water mills for visitors to the Georgetown Loop.

In 2012, History Colorado received permission from the Colorado Water Conservation Board to use Clear Creek for the project. The dam will be built with a concrete retaining wall and a timber crib facade. The dam will be 8 feet high with a 57 foot spill way with 3 feet of freeboard to be in compliance with the 100 year flood event requirement. History Colorado says the project is a structurally sound way to reconstruct a historic dam at a reasonable cost.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

### Lebanon Mill Dam Restoration

#### PROJECT JUSTIFICATION

According to History Colorado, a water source is needed for the Georgetown Loop. The Colorado Water Conservation Board holds the in-stream flow water rights that affect the water availability at the Georgetown Loop. History Colorado has filed a substitute water supply plan to use wells at the Lebanon Mine and Devil's Gate. The Conservation Board may require that History Colorado obtain an augmentation source upstream from the well locations. There are no water augmentation sources upstream, which would mean that the Georgetown Loop would be without a water supply.

The Georgetown Loop is the second-most visited of the Colorado Historical Society sites, behind the History Colorado Center, with 107,297 passengers and an additional 40,000 site visitors in calendar year 2012. According to the Clear Creek Economic Development Corporation, tourism is the second largest industry in Clear Creek County, and the Georgetown Loop is the anchor of the local tourist economy. The Georgetown Board of Selectmen say that 325 businesses in the area rely on the draw of the Georgetown Loop for summer business and that when the railroad is not operational due to maintenance issues, local businesses experience a 20 percent decrease in sales. Additionally, the Georgetown Board of Selectmen explain that the Georgetown Loop employs 55 seasonal workers and 15 year-round employees.

**Project alternatives.** History Colorado also considered installing a water line from the City of Georgetown to the Lebanon Mill. The estimated cost, not including the cost of blasting rocks, was \$250,000 to run a line to Devil's Gulch and another \$700,000 to the Lebanon Mine. The estimated annual water usage cost from the City of Georgetown is \$15,000, with a 3 percent increase per year. History Colorado does not see this as a fiscally responsible option.

#### PROGRAM INFORMATION

The Lebanon Mill was constructed in 1871 by the Lebanon Mining Company to provide sampling, crushing, and sacking ores for shipment. The mill ceased operation in 1874 and was no longer operational by 1878. The mill building was listed on the National Register of Historic Places in 1971. The mill was reconstructed in 1978 to serve as a historic feature for the Lebanon Mine along the Georgetown Loop.

The Georgetown Loop, which is owned by the state, is operated through a public-private partnership by Historic Rail Adventures, LLC. Except in years with equipment difficulties, ridership of the railroad has been steadily increasing over the last decade. History Colorado says it hopes to eventually increase visitation to 140,000 paid passengers annually.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	February 2015
Construction	July 2015	June 2016
Equipment	July 2016	August 2017
Occupancy	October 2016	December 2016

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it does not involve the renovation, design, or construction of a physical facility.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

# **Fiscal Year 2014-15 Capital Construction Request**

## **Colorado Historical Society (History Colorado)**

*Lebanon Mill Dam Restoration*

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### **OPERATING BUDGET**

This project has no impact on state operating costs. According to History Colorado, any associated increase in operating costs will be paid from ridership revenue.

### **STAFF QUESTIONS AND ISSUES**

All responses to staff questions have been incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*Pearce McAllister Renovation*

### PROGRAM PLAN STATUS

2015-027

Approved Program Plan?

Yes

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

DeptInst              5 of 5

OSPB                  21 of 42      Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$843,876	\$0	\$0	\$843,876
<b>Total</b>	<b>\$0</b>	<b>\$843,876</b>	<b>\$0</b>	<b>\$0</b>	<b>\$843,876</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$69,205	\$0	\$0	\$69,205
Construction	\$0	\$627,346	\$0	\$0	\$627,346
Equipment	\$0	\$80,000	\$0	\$0	\$80,000
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$67,325	\$0	\$0	\$67,325
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$843,876</b>	<b>\$0</b>	<b>\$0</b>	<b>\$843,876</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado Historical Society (History Colorado) is requesting state funds to renovate the 5,386-GSF Pearce-McAllister Cottage to construct 11 suites to be made available for private rental. The cottage currently houses the Denver Museum of Miniatures, Dolls, and Toys, which is not affiliated with History Colorado. The planned private suites will each be about 500 GSF — large enough to accommodate a bed, dresser, desk, two chairs, and a private bathroom. Kitchen, dining, and meeting rooms will be renovated for use as shared space by the cottage occupants. A draft drawing illustrating how the building can be divided into suites is attached.

History Colorado is seeking to make the cottage a revenue generator and to address the deferred maintenance needs in the building. In order to do so, it evaluated two business models, including: (1) converting the building to offices to be leased in the commercial market; and (2) renovating the building to create private suites for individual rental. The cost comparison completed by History Colorado shows that the greatest revenue potential — about \$182,000 in the first year — results from the second option. History Colorado plans to market the suites to state legislators and other state employees, as well as attendees at events hosted at the History Colorado Center and the Grant-Humphreys Mansion. The revenue estimates prepared by History Colorado are based on a 70 percent

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

### *Pearce McAllister Renovation*

occupancy rate and the per diem reimbursement rate for state employees.

History Colorado explains that it will work with the Denver Museum of Miniatures, Dolls, and Toys to identify a new location and relocate its collections.

#### PROJECT JUSTIFICATION

History Colorado explains that the annual rent paid by the museum — about \$6,300 — does not cover the ongoing maintenance costs of the cottage, which have averaged about \$20,000 a year over the last ten years. Historically, the ongoing maintenance costs have been supplemented with State Historical Fund dollars appropriated through the Regional Museum Preservation Project, which History Colorado requests annually. History Colorado says in spite of the additional funds spent annually on building repairs, the building still has significant deferred maintenance needs and that this reflects poorly on History Colorado and the Denver Museum of Miniatures, Dolls, and Toys. The Facility Condition Index (FCI) rating of the cottage — last measured in 2000 — is 0.76. The FCI rating is a ratio of facility deficiencies to current replacement value. The Office of the State Architect's target rating for state buildings is 0.85.

History Colorado says the building is poorly suited for its current use as a museum. The interior of the cottage is arranged like a typical residence with several bedrooms, bathrooms, a kitchen, living rooms, and a study. History Colorado explains that the bedrooms and bathrooms are filled to capacity with exhibit cases. Furthermore, collections are stored in the basement and the attic, neither of which is properly climate controlled.

**Project alternatives.** Maintaining the status quo requires History Colorado to continue to supplement the building's operation through State Historical Fund dollars. Selling the facility would divest History Colorado of a historic facility in a prime location near City Park. The sale would result in one-time moneys of about \$800,000. However, History Colorado says this amount does not come close to the long-term revenue generating potential of a repurposed and renovated facility. If History Colorado opted to lease the building as office space, it estimates a net profit in the first year of between \$26,930 and \$37,702. However, this alternative does not take into consideration the outstanding deferred maintenance at the cottage. Under the proposed project, and after costs associated with operating and maintaining the facility are paid, History Colorado estimates its net profit in the first year will be about \$62,000. The net profit is estimated to grow to about \$609,000 a year by year ten.

#### PROGRAM INFORMATION

The Pearce McAllister Cottage is designated as a State Historical Monument and is listed on the state and national register of historic places. The cottage was built in 1899 and acquired by History Colorado in 1972. It was operated as a house museum during much of the 1980s. In 1987, the Denver Museum of Miniatures, Dolls, and Toys entered into a lease agreement with History Colorado to rent the facility. The museum currently leases the facility on a month-to-month basis at a cost of \$525 a month.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2015	April 2016
Construction	May 2016	February 2017
Equipment		February 2017
Occupancy		March 2017

#### LEED CERTIFICATION INFORMATION

History Colorado is dedicating \$15,301 of the project's total construction cost of \$627,346, or 2.4 percent, to LEED certification. It plans to renovate the facility to the LEED certified standard, the lowest of four possible certification

# Fiscal Year 2014-15 Capital Construction Request

## Colorado Historical Society (History Colorado)

*Pearce McAllister Renovation*

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levels.

### SOURCE OF CASH FUNDS

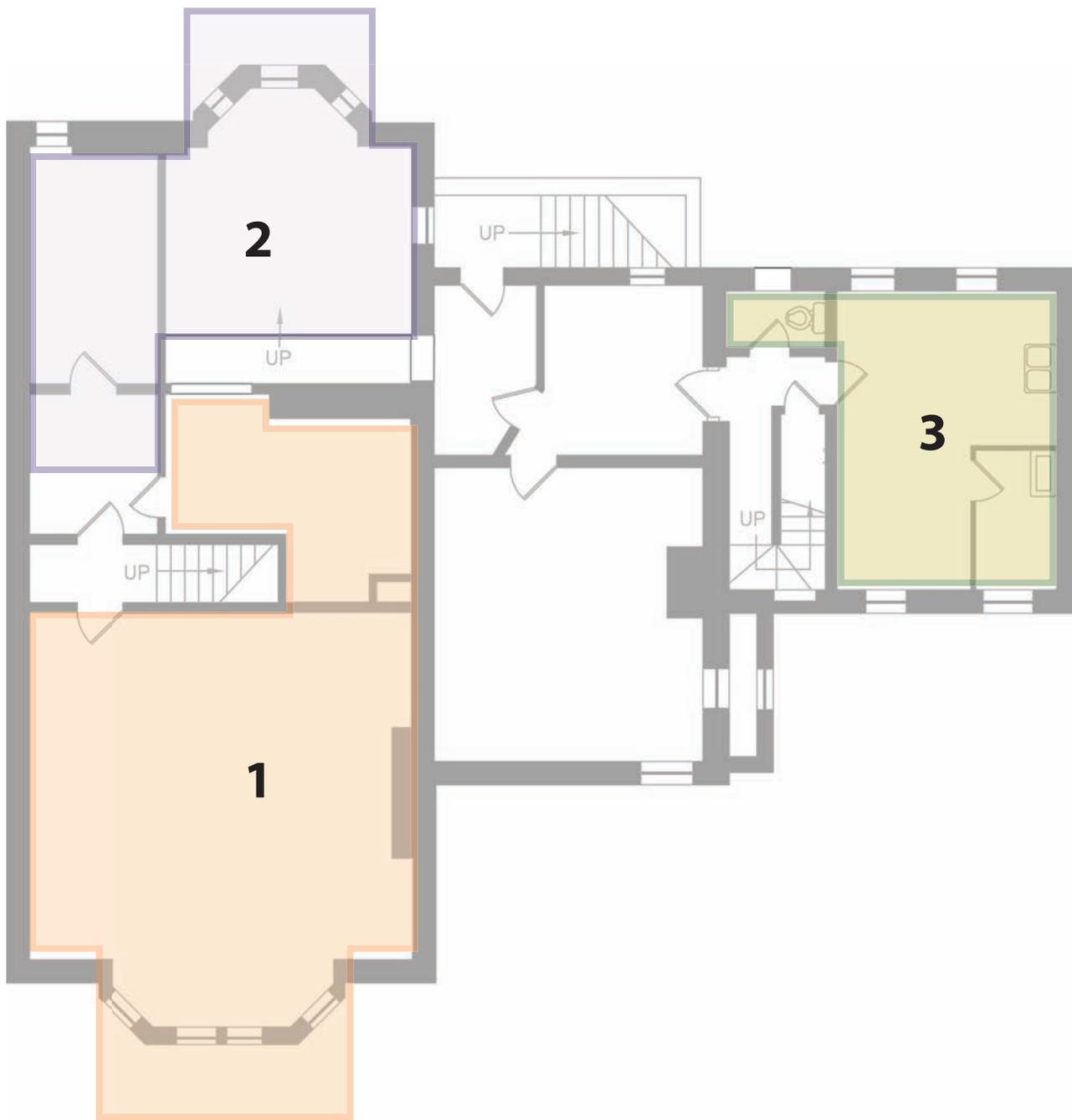
This project is not funded from cash sources.

### OPERATING BUDGET

This project has no impact on state operating costs. History Colorado anticipates that it may realize cost savings through reduced maintenance costs on the property. It also explains that it already has staff in place to manage the property.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions have been incorporated into the project write-up.

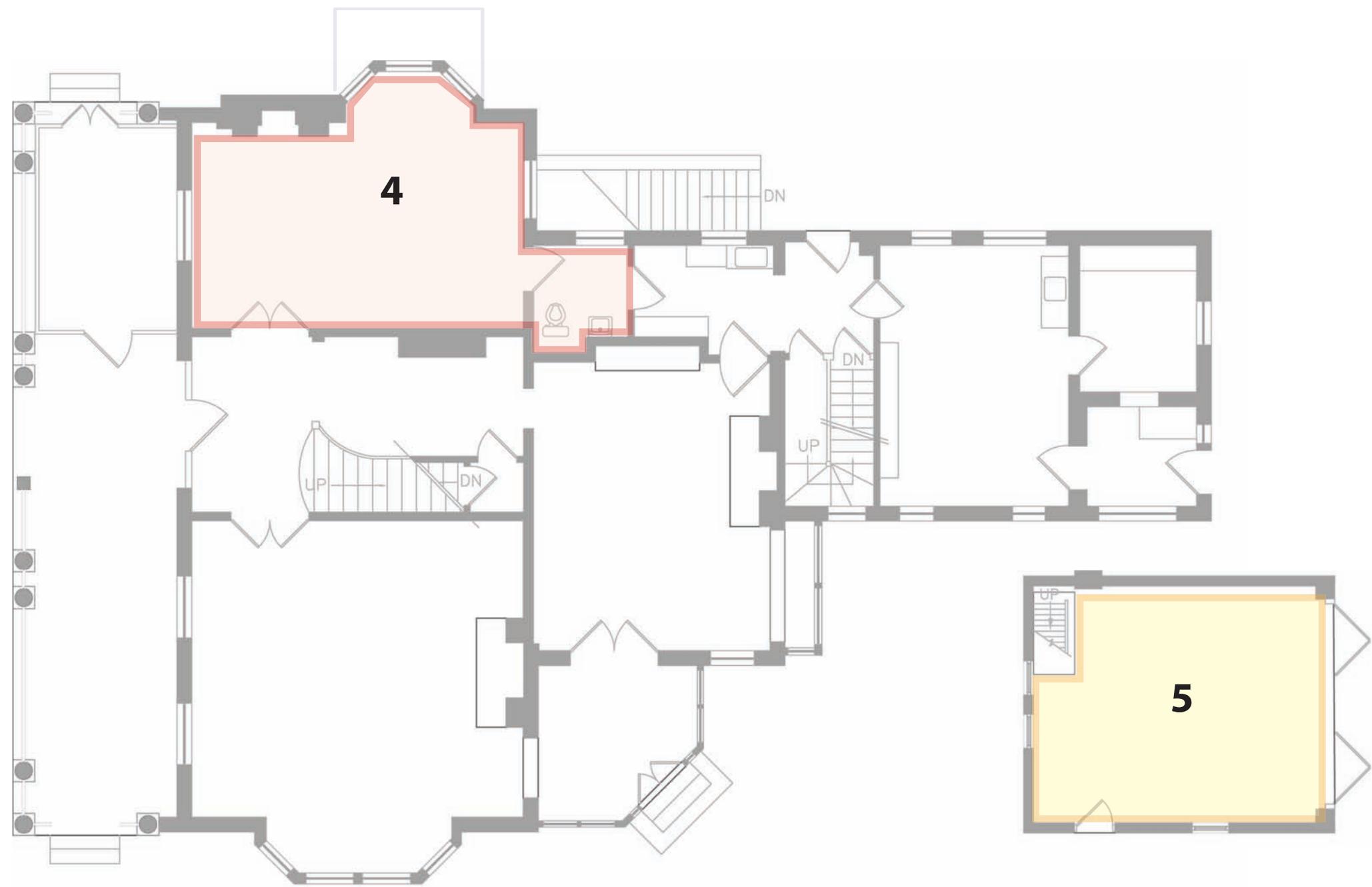


# BASEMENT FLOOR PLAN

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NTS



# FIRST FLOOR PLAN/GARAGE PLAN



NTS



# SECOND FLOOR PLAN

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NORTH

NTS

**History Colorado  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Georgetown Loop Business Capitalization Program	CCF	\$300,000	\$300,000	\$300,000	\$0	\$0	\$900,000
	CF	100,000	100,000	100,000	0	0	\$300,000
Lebanon Mill Dam Restoration	CCF	768,210	0	0	0	0	\$768,210
	CF	0	0	0	0	0	\$0
New Colorado History Museum (COP Project)	CCF	0	0	0	0	0	\$0
	CF	3,021,734	3,021,835	3,021,815	3,021,813	3,021,860	\$15,109,057
Pearce McAllister Renovation	CCF	843,876	0	0	0	0	\$843,876
	CF	0	0	0	0	0	\$0
Regional Museum Preservation Projects	CCF	0	0	0	0	0	\$0
	CF	700,000	0	0	0	0	\$700,000
<i>Out Year Request(s)</i>							
Exhibit Buildout, History Colorado Center	CCF	0	0	0	0	0	\$0
	CF	0	0	0	3,000,000	0	\$3,000,000
Fort Garland Dormitory	CCF	0	0	0	0	0	\$0
	CF	0	0	2,300,000	0	0	\$2,300,000
Georgetown Loop Zip Line	CCF	0	300,000	0	0	0	\$300,000
	CF	0	100,000	0	0	0	\$100,000
Warehouse Upgrades	CCF	0	0	0	650,000	0	\$650,000
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		<i>1,912,086</i>	<i>600,000</i>	<i>300,000</i>	<i>650,000</i>	<i>0</i>	<i>\$3,462,086</i>
<b>Grand Total</b>		<b>\$5,733,820</b>	<b>\$3,821,835</b>	<b>\$5,721,815</b>	<b>\$6,671,813</b>	<b>\$3,021,860</b>	<b>\$24,971,143</b>

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

*Centennial Correctional Facility Expansion (formerly CSP II) (COP Project)*

### PROGRAM PLAN STATUS

2008-192

Approved Program Plan?  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
DeptInst	1 of 3	
OSPB	3 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$57,277,421	\$18,426,771	\$20,254,768	\$60,770,481	\$156,729,441
CERF	\$8,922,546	\$0	\$0	\$0	\$8,922,546
<b>Total</b>	\$66,199,967	<b>\$18,426,771</b>	\$20,254,768	\$60,770,481	\$165,651,987

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$66,199,967	\$18,426,771	\$20,254,768	\$60,770,481	\$165,651,987
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$66,199,967	<b>\$18,426,771</b>	\$20,254,768	\$60,770,481	\$165,651,987

### PROJECT STATUS

This is an ongoing request for an annual lease payment.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Corrections (DOC) is requesting state funds to pay the sixth of ten annual lease payments for the certificates of participation (COPs) issued for the south campus expansion of the Centennial Correctional Facility (formerly Colorado State Penitentiary II). The project, which is complete, constructed a 948-bed high-custody facility in Canon City, adjacent to an existing 336-bed facility, in order to house the highest risk population of the state's convicted male offenders. The project also constructed a 1,209-GSF gatehouse and a 3,517-GSF warehouse. The facility is currently unoccupied. The decision to close the facility was made in response to a declining male offender population and recent changes regarding how the department classifies high-risk offenders. House Bill 12-1337 authorized the closure of the facility. According to the department, it is actively pursuing options to sell or lease the facility.

**Authorization for COP issuance.** The department received authorization under House Bill 03-1256 to enter into a lease-purchase agreement to construct the prison. In FY 2005-06, the COPs were issued in the principal amount of \$120 million for a period not to exceed 15 years. The first three years of payments were made from capitalized

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

### *Centennial Correctional Facility Expansion (formerly CSP II) (COP Project)*

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interest fund proceeds. According to the provisions of House Bill 03-1256, the remaining payments will be made from state funds from moneys transferred from the General Fund to the Capital Construction Fund. However, if the facility is sold or leased, the payments will be made (or offset) from the proceeds of this sale or lease.

#### PROJECT JUSTIFICATION

The DOC says that if no moneys are appropriated for the annual COP payment, the facility can be sold by the COP holders to pay the remaining debt obligation. According to the DOC, the prison expansion was necessary to address increasing deficiencies in adequate state facilities and resources for offenders.

#### PROGRAM INFORMATION

The DOC currently supervises about 18,214 adult male offenders in secured prison facilities, as well as community placements for offenders. The department projects that the number of supervised adult male offenders will decline to 17,833, or by 2.1 percent, by FY 2015-16.

#### PROJECT SCHEDULE

This request makes two semi-annual lease payments on September 1, 2014, and March 1, 2015. COP payments for the project will continue for five more years, through February 2019.

#### LEED CERTIFICATION INFORMATION

Annual lease payments for COPs are not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

The closure of the facility has resulted in operational cost savings.

#### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

*Multi-Use Support Building, Youthful Offender System*

### PROGRAM PLAN STATUS

2010-009

Approved Program Plan?  Yes  No

Date Approved:

### PRIORITY NUMBERS

<u>Prioritized By</u>	<u>Priority</u>	
DeptInst	2 of 3	
OSPB	10 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$4,897,755	\$0	\$0	\$4,897,755
CF	\$296,332	\$0	\$0	\$0	\$296,332
<b>Total</b>	<b>\$296,332</b>	<b>\$4,897,755</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,194,087</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$282,221	\$487,734	\$0	\$0	\$769,955
Construction	\$0	\$3,661,852	\$0	\$0	\$3,661,852
Equipment	\$0	\$437,255	\$0	\$0	\$437,255
Miscellaneous	\$0	\$30,787	\$0	\$0	\$30,787
Contingency	\$14,111	\$280,127	\$0	\$0	\$294,238
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$296,332</b>	<b>\$4,897,755</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,194,087</b>

### PROJECT STATUS

This is a continuation project. Phase I of the project was funded from cash sources in FY 2009-10. The department did not spend the full appropriation reflected above. The project was put on hold by the department so only \$153,554 of the Phase I costs were spent. This year's request for Phase II marks the first request for funds since FY 2009-10. However, continuation funding for the project has been listed on the department's five-year projection of need each year since FY 2009-10.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Corrections (DOC) is requesting state funds for the second phase of a two-phase project to construct an 11,600-GSF Multi-Use Support Building for the Youthful Offender System (YOS) prison at the Colorado Mental Health Institute at Pueblo. The building will include indoor recreational facilities to replace those lost when the YOS population relocated to the Pueblo in FY 2004-05, and will ensure that the YOS population has an appropriately sized recreational facility able to offer a variety of activities, even during bad weather. In particular, the project will construct a gymnasium to be used for physical education classes, intramural sports, basketball games, assemblies, and graduation ceremonies.

This year's request for Phase II completes project design and constructs the recreational gymnasium and an

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

### *Multi-Use Support Building, Youthful Offender System*

enlarged library. According to the DOC, the construction of a new building will not reduce the available outdoor recreation space on campus. Phase II also renovates the existing 1,570-GSF recreation room and barber shop to construct additional program space, including an enlarged barber shop, two classrooms, and meeting space.

**Relocation to the Pueblo site.** In FY 2004-05, the YOS population was relocated from the La Vista Correctional Facility to the Pueblo site. According to the department, this relocation reduced the amount of indoor recreational space available to the YOS population. Previously, the YOS population had use of a 9,890-GSF recreational facility that included a 6,500-GSF gymnasium and other support space. The recreational facilities at the Pueblo site include a 1,060-GSF recreation room and a condensed library. The department says that this request replaces the recreational facilities lost when the YOS population relocated to the Pueblo site.

### PROJECT JUSTIFICATION

The department says that a lack of sufficient opportunities for recreation for the youth population creates the potential for significant management problems. According to the department, the existing recreational facilities are undersized and inadequate for the current population. Additionally, the Prison Utilization Study authorized through House Bill 12-1336 and presented to the Joint Budget Committee in September 2013, cited several deficiencies with the YOS facility, including the lack of a gymnasium and adequate program space. A new recreational facility will provide appropriate recreation space for the offender population, will increase the number of offenders who can participate in recreational activities, and will increase the scope of available activities, especially during winter months. Currently, physical education events are often canceled due to bad weather. If the project is not funded, the department says that it will continue to restrict access to the existing recreational space to small numbers of offenders on a rotational basis in order to maintain a secure environment.

The proposed project also expands available library space in order to meet the requirements of the state, the Pueblo School District, and the American Correctional Association. With an enlarged library, more space will be available for offenders to work, study, and be assisted with course work. The barber shop will provide approximately 160 haircuts per month and will allow offenders to earn a barber certificate.

### PROGRAM INFORMATION

The YOS prison is a Level III security facility with a fenced perimeter. The youthful offender program functions as a middle tier between the youth corrections system and the adult corrections system. The YOS population consists of violent youthful felony offenders between the ages of 14 and 21 who would otherwise be sentenced to the adult prison system. The program is designed to meet the educational, vocational, mental health, substance abuse, and medical needs of youthful offenders. The YOS facility in Pueblo has space for 256 offenders. There were 210 offenders at the facility at the end of FY 2012-13.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	October 2009	January 2015
Construction	February 2015	February 2016
Equipment		February 2016
Occupancy		February 2016

### LEED CERTIFICATION INFORMATION

DOC is dedicating \$104,745 of the project's total construction costs of \$3,661,852, or 2.9 percent, to the High Performance Certification Program. The department plans to build the facility to the LEED standard, the lowest of four possible certification levels.

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

*Multi-Use Support Building, Youthful Offender System*

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### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

The department anticipates an increase in its annual operating costs for the maintenance and operation of the new building. It estimates an increase of \$124,788 in the first year of operation.

### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

*Correctional Industries – Miscellaneous Small Projects*

### PROGRAM PLAN STATUS

1998-016

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              3 of 3

OSP/B                  N/A of 42              Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$4,858,063	\$660,000	\$0	\$0	\$5,518,063
CFE	\$3,371,000	\$0	\$0	\$0	\$3,371,000
FF	\$806,917	\$0	\$0	\$0	\$806,917
<b>Total</b>	<b>\$9,035,980</b>	<b>\$660,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,695,980</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$310,692	\$42,200	\$0	\$0	\$352,892
Construction	\$8,352,657	\$503,990	\$0	\$0	\$8,856,647
Equipment	\$160,000	\$80,000	\$0	\$0	\$240,000
Miscellaneous	\$14,000	\$0	\$0	\$0	\$14,000
Contingency	\$198,631	\$33,810	\$0	\$0	\$232,441
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$9,035,980</b>	<b>\$660,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,695,980</b>

### PROJECT STATUS

This is an ongoing request. Cash funds spending authority has been granted for the project each year for the last 18 years. Attachment A details the projects authorized and undertaken during each of the last five fiscal years, from FY 2009-10 through FY 2013-14.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Corrections (DOC) is requesting cash funds spending authority for 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 to accommodate new business or to maintain current operations. CCi creates work opportunities for offenders, which in turn offsets the costs of incarceration and provides on-the-job training to foster rehabilitation. Two possible projects have been identified for FY 2014-15, both at the East Canyon Prison Complex including: (1) enlarging the production capacity of the existing fish greenhouse facilities by increasing the size of the greenhouses and adding additional tanks; and (2) expanding the water buffalo dairy facility by building additional corrals, extending the milking parlor, and expanding the fresh milk holding capacity. The costs of both projects may be offset by private partner investment funding. Private investments are typically spent on

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

### *Correctional Industries – Miscellaneous Small Projects*

capital equipment such as fiberglass fish tanks or milking stalls.

The department notes that it will not make a final selection of a project or projects for funding in FY 2014-15 until July 2014. It will delay final selection in order to best respond to production needs in an ever-changing business environment.

#### PROJECT JUSTIFICATION

This request furthers the CCI objective to instill a work ethic and equip more offenders with usable job skills. According to the department, CCI generates funds to help offset DOC costs. This request also allows CCI to develop future business ventures, says DOC.

The department notes that it has historically listed each of the projects anticipated to be undertaken in its annual capital requests. However, it did not do so this year because it says that market changes continually require that products be changed, upgraded, discarded, or replaced. The projects described in this year's request are on the department's short-term planning list. Market changes influence the department's decision about which projects to undertake, says DOC.

#### PROGRAM INFORMATION

CCI produces inmate-manufactured goods that are sold to individuals and local, state, and federal agencies and retailers. The revenue generated by CCI is used for the ongoing costs of the program's operation, including personnel, raw materials, inmate pay, and indirect costs. In addition, CCI pays for maintenance and upgrades to the physical plant and for the capital needs of existing and new programs.

#### PROJECT SCHEDULE

The department plans to identify a project or projects for funding in July 2014. All associated work is projected to be completed within the fiscal year, no later than June 2015.

#### LEED CERTIFICATION INFORMATION

No state funds were requested for the project, so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

#### SOURCE OF CASH FUNDS

The source of cash funds is revenue generated by CCI manufacturing operations. CCI manufacturing operations are implemented pursuant to Article 24 of Title 17 of the Colorado Revised Statutes. The department projects that the capital construction allocation from CCI sales will be \$660,000 in FY 2013-14, for use in FY 2014-15. Although the department estimates the amount of CCI funds that will be allocated for capital needs each year, these amounts are subject to change if additional operating expenses arise.

#### OPERATING BUDGET

This project has no impact on state operating costs.

#### STAFF QUESTIONS AND ISSUES

1. How do private entities benefit from partnering with CCI to invest funds for various projects?

*CCI provides benefits to a private entity partner through its employment of offenders within the Colorado Department*

# Fiscal Year 2014-15 Capital Construction Request

## Corrections

### *Correctional Industries – Miscellaneous Small Projects*

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*of Corrections. CCI has a proven track record of successfully employing offenders to provide a wide-range of services and products. This allows private entity partners to benefit from a long-term and viable workforce that is both trainable and sustainable. In addition, private entities can develop a skilled workforce for private sector employment upon release.*

**CCi Small Projects  
FY 2009-10 through FY 2013-14**

CCi Product or Service	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14
Dairy	Increase capacity of existing dairy lagoons.		Construct water buffalo dairy/milk parlor.		Construct milk dehydration plant.
	Construct building to store feed for goat dairy.				
Metal shop					
Fishery	Construct reinforced plastic structures to serve as a greenhouse for fish rearing (poly structures).		Construct additional poly structures.		
Wild Horse Program	Construct additional corrals. Improve water recirculation.	Construct drainage control, containment ponds, and other safeguards to ensure that storm water running through animal feeding areas does not reach waterways before being treated.			
Agribusiness		Construct floors and utilities for five agricultural storage buildings.			

**Department of Corrections  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Centennial Correctional Facility Expansion (formerly CSP II) (COP Project)	CCF	\$18,426,771	\$20,254,768	\$20,258,268	\$20,256,546	\$20,255,667	\$99,452,020
	CERF	0	0	0	0	0	\$0
Correctional Industries – Miscellaneous Small Projects	CCF	0	0	0	0	0	\$0
	CF	660,000	0	0	0	0	\$660,000
Multi-Use Support Building, Youthful Offender System	CCF	4,897,755	0	0	0	0	\$4,897,755
	CF	0	0	0	0	0	\$0
<i>Out Year Request(s)</i>							
Electrical Infrastructure, East Canon City Prison Complex (Capital Renewal Project)	CCF	0	0	0	6,520,400	0	\$6,520,400
	CF	0	0	0	0	0	\$0
Information Systems Modernization	CCF	0	9,171,919	7,720,392	0	0	\$16,892,311
	CF	0	0	0	0	0	\$0
Inmate Assignments, Sterling Correctional Facility	CCF	0	0	0	0	0	\$0
	CF	0	0	1,017,600	0	0	\$1,017,600
Outdoor Recreation Spaces, Colorado State Penitentiary	CCF	0	9,000,000	0	0	0	\$9,000,000
	CF	0	0	0	0	0	\$0
Timekeeping and Scheduling Systems Modernization	CCF	0	3,028,632	0	0	0	\$3,028,632
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		23,324,526	41,455,319	27,978,660	26,776,946	20,255,667	\$139,791,118
<b>Grand Total: All Fund Sources</b>		<b>\$23,984,526</b>	<b>\$41,455,319</b>	<b>\$28,996,260</b>	<b>\$26,776,946</b>	<b>\$20,255,667</b>	<b>\$141,468,718</b>

# Fiscal Year 2014-15 Capital Construction Request

## Higher Education

*Various Higher Education Projects — November 2008 Issue (COP Project)*

### PROGRAM PLAN STATUS

2009-203

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
OSPB	2 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$23,074,669	\$18,587,556	\$18,587,813	\$15,569,575	\$75,819,613
CF	\$61,239,403	\$0	\$0	\$40,118,176	\$101,357,579
<b>Total</b>	\$84,314,072	<b>\$18,587,556</b>	\$18,587,813	\$55,687,751	\$177,177,192

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$84,314,072	\$18,587,556	\$18,587,813	\$55,687,751	\$177,177,192
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$84,314,072	<b>\$18,587,556</b>	\$18,587,813	\$55,687,751	\$177,177,192

### PROJECT STATUS

This is an ongoing request for an annual lease payment. The projects funded through the sale of certificates of participation (COPs) are completed and occupied.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Higher Education (DHE) is requesting a combination of state funds and cash funds spending authority to pay the seventh of 19 annual lease payments for COPs sold on November 6, 2008. The COP issuance financed construction for projects at 12 higher education institutions. The total repayment cost to the state for all the projects, based on a principal amount of \$202.3 million, is \$315 million.

**Legislative authorization.** Section 24-82-802 (1)(a), C.R.S., requires that before a lease-purchase agreement can be executed, it must be specifically authorized by a bill other than the annual general appropriations bill or a supplemental appropriations bill. Senate Bill 08-233 authorized the November 6, 2008 COP issuance and granted the State Treasurer the authority to enter into lease-purchase agreements to fund projects approved by the General Assembly. SB 08-233 also outlined the prioritization process for higher education capital construction projects to be funded with future Federal Mineral Lease (FML) revenue made available through the passage of Senate Bill 08-218. The higher education capital construction projects to be funded with future FML revenue were identified in House

# Fiscal Year 2014-15 Capital Construction Request

## Higher Education

*Various Higher Education Projects — November 2008 Issue (COP Project)*

Joint Resolution 08-1042.

**Annual payments.** Senate Bill 08-233 stipulated that the average annual payments not exceed \$16.2 million in the first 10 years of payments, and \$16.8 million in the second 10 years of payments. Thus, the average annual payment over 20 years cannot exceed \$16.5 million.

### PROJECT JUSTIFICATION

If no moneys are appropriated for the annual COP payment, the collateral properties used to secure the sale of the COPs may be sold by the COP holders to pay the remaining lease obligation.

### PROGRAM INFORMATION

The projects financed by the COP are listed below in the order prioritized:

- University of Northern Colorado, Butler Hancock Interior Renovation;
- Colorado Northwestern Community College, Academic Building, Craig Campus;
- Colorado State University — Pueblo, Academic Resources Center Remodel;
- Colorado School of Mines, Brown Hall Addition;
- Colorado State University, Clark Building Revitalization;
- Auraria Higher Education Center, Science Building Addition and Renovation;
- Western State Colorado University, Taylor Hall Renovation and Addition;
- Colorado Mesa University, Wubben Hall Expansion and Renovation;
- University of Colorado at Colorado Springs, Renovation of Existing Science Building;
- Morgan Community College, Nursing, Health Technology, and Science Building Addition/Renovation;
- Front Range Community College, Larimer Campus, Science Classroom Addition/Renovation; and
- Fort Lewis College, Berndt Hall Reconstruction - Geology/Physics/Engineering (design).

### PROJECT SCHEDULE

The COP payments will continue for 12 more years, through FY 2026-27.

### LEED CERTIFICATION INFORMATION

Annual lease payments for COPs are not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program. The individual projects financed by the COP were largely built to LEED standards.

### SOURCE OF CASH FUNDS

The source of cash funds is the Higher Education FML Revenues Fund. It is not anticipated that there will be sufficient cash funds available from this source to make the full FY 2014-15 payment. The principal and interest earnings of the Higher Education FML Revenues Fund may be used to pay for higher education capital construction projects for academic purposes, or the financing of such projects. The fund earns revenue from regular rent paid by mineral and gas companies that lease federal land for mineral development and from royalties paid to the federal government for any minerals that are extracted and sold during production. Pursuant to Section 23-19.9-102 (1)(a), C.R.S., up to \$50 million of FML rent and royalty revenue that exceeds its primary allocations is distributed to the fund annually. As of September 20, 2013, the FY 2014-15 year-end fund balance is projected to be about \$9.4 million from this FML source. This estimate is based on the September 20, 2013 Legislative Council Staff economic forecast.

The Higher Education Lease-Purchase Cash Fund is used to account for the COP issuance, the annual lease payments, and payments to contractors for project costs. After the department receives cash funds spending

# Fiscal Year 2014-15 Capital Construction Request

## Higher Education

*Various Higher Education Projects — November 2008 Issue (COP Project)*

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authority, it will transfer cash for the lease payment from the Higher Education FML Revenues Fund to the Higher Education Lease Purchase Cash Fund so that the State Treasurer can disburse the payment to Wells Fargo Bank, the lessor for the COP.

### OPERATING BUDGET

Operating expenses are paid from institutional sources.

### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

### Suicide Risk Mitigation

#### PROGRAM PLAN STATUS

2009-007

Approved Program Plan?  Yes

Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 5	
OSP/B	6 of 42	Recommended for funding.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$1,342,253	\$4,478,533	\$4,556,369	\$1,775,086	\$12,152,241
FF	\$3,480,190	\$0	\$0	\$0	\$3,480,190
<b>Total</b>	\$4,822,443	<b>\$4,478,533</b>	\$4,556,369	\$1,775,086	\$15,632,431

#### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$624,803	\$519,043	\$521,510	\$217,023	\$1,882,379
Construction	\$3,648,026	\$3,259,596	\$3,409,359	\$1,330,882	\$11,647,863
Equipment	\$68,830	\$212,158	\$142,191	\$45,000	\$468,179
Miscellaneous	\$42,380	\$80,596	\$69,095	\$20,810	\$212,881
Contingency	\$438,404	\$407,139	\$414,215	\$161,371	\$1,421,129
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$4,822,443	<b>\$4,478,532</b>	\$4,556,370	\$1,775,086	\$15,632,431

#### PROJECT STATUS

This is a continuation request. For details of prior phases, see Project Description / Scope of Work section.

**Funding history.** In FY 2008-09, \$3.2 million was appropriated for the project. However, in FY 2009-10 the appropriation was reduced to \$1.3 million due to the state's budget shortfall. In FY 2009-10, the project was entirely funded with American Recovery and Reinvestment Act dollars. The project was requested but not funded in FY 2011-12 and FY 2012-13. The department did not submit a request for the project in FY 2013-14.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Human Services (DHS) is requesting state funds to complete the third phase of a five-phase project to improve the patient units at the Colorado Mental Health Institute at Fort Logan and the Colorado Mental Health Institute at Pueblo. The project will improve 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. The Phase III request will address areas on the first and second floors of Building 106 at the Pueblo facility. These areas house the Community Reintegration Unit, Strategies to Accomplish Recovery, and the Social Learning Program. The request will also address spaces in the east and west wings of the first floor of Building E at the Fort Logan facility. These areas house Adult Teams One and Three.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

### *Suicide Risk Mitigation*

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In order to mitigate suicide risk, the project will make the following physical renovations:

- removal and replacement of all plumbing fixtures in toilets and showers;
- elimination of tie-off points in toilet and shower partitions;
- elimination of the suspended grid ceiling, and removal and replacement of light fixtures in patient sleeping rooms, showers, and toilets;
- removal and replacement of door hardware (doorknobs, hinges, and closers);
- removal and replacement of ventilation system duct covers in patient sleeping rooms, showers, and toilets;
- total renovation of some bathroom and shower rooms to improve staff visibility and supervision and to comply with the provisions of the Americans with Disabilities Act (ADA).

The renovations will require removal of some asbestos-containing materials, and the project includes funding for asbestos identification, testing, abatement planning, abatement, and retesting after abatement. The project also includes the replacement of existing furniture that poses a suicide risk, including wardrobe units.

During construction, patients will be relocated to vacant space at each institute.

**Prior and future phases.** Phases IV and V will fund design and renovation of additional patient units at the institutes. Phase I funded the design and construction of suicide mitigation improvements for the Locked Adolescent Unit at the Pueblo Facility. Phase II upgraded one Fort Logan unit for use as temporary housing during future phases of the project, funded design and renovation of the F-1 cottage at the Fort Logan facility, upgraded the toilet and bathing rooms in the E Building Adult Units at the Fort Logan facility, and designed and constructed improvements to two units in Building 116 at the Pueblo facility.

## PROJECT JUSTIFICATION

The DHS has been engaged in suicide prevention efforts at the two institutes over the past 20 years. Comprehensive assessments of the physical suicide risks at both facilities were completed in the late 1990s, and the department has been implementing recommendations from those assessments since that time. The department reports that, as a result of past patient suicides, including two at the Pueblo facility since 2009, it has undertaken a detailed effort to systematically analyze its direct care facilities for physical suicide risks.

The average age of buildings included in the project is approximately 46 years old. (The Fort Logan facility was constructed in the early 1960s. The Pueblo units were constructed between 1939 and 1982.) The department says that the units were not built as locked psychiatric units for inpatients, and in lieu of replacing major facilities, the patient care units required systematic modifications to safely meet patient needs.

## PROGRAM INFORMATION

The mental health institutes provide residential services to individuals of all ages with complex, serious, and persistent mental illness. The Mental Health Institute at Pueblo currently has 451 beds and the Mental Health Institute at Fort Logan has 94 beds. The majority of the patients are referred to the facilities by community mental health centers when patients are deemed too unstable for community services to be effective.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

### Suicide Risk Mitigation

#### PROJECT SCHEDULE

	Start Date	Completion Date
Phase I	July 2009	December 2010
Phase II	February 2010	September 2011
Phase III	July 2014	June 2016
Phase IV	July 2015	June 2017
Phase V	July 2016	June 2018

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent of the value of the property. The combined value of the eight buildings included in the current scope of work is about \$101.0 million, and the total project cost is about \$15.6 million, or about 15 percent of the value of the property.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

This project has no impact on state operating costs. However, the DHS anticipates that as the current suicide mitigation fixtures age, a decision item will be requested for ongoing replacement and repair.

#### STAFF QUESTIONS AND ISSUES

1. The CC-C narrative notes that funding in FY 2014-15 will address areas at the Pueblo facility housing the Community Reintegration Unit, Strategies to Accomplish Recovery, and Social Learning Program. Please provide a brief description of these programs.

**Community Reintegration Unit (CRU).** Community Reintegration Unit (CRU), a 39-bed minimum-security unit, provides treatment for individuals with chronic mental illness, typically with primary psychotic/schizophrenia illness and other Axis I disorders. The unit offers on-going interventions to address social skill deficits, problems in self-care, positive symptoms of schizophrenia and secondary mood issues but with specialization in community reintegration and patient discharge from the hospital to the least restrictive setting. CRU provides on-going reinforcement of positive social behavior, teaching and modeling of effective social skills/interactions, cognitive-behavioral interventions designed to help patients with reasoning skills, self-monitoring, behavioral regulation, cognitive processing, and modification of cognitions contributing to delusional thinking, violence and/or bizarre behavior. CRU focuses heavily on generalization of skills to the community via frequent "in community" skills groups to prepare patients for discharge. Individual and group treatments focus on reinforcement and maintenance of social skills, problem solving skills, independent functioning, cognitive skills (IPT) and activities of daily living, but focus heavily on community reintegration skills, "hands-on" skill practice in a variety of community settings.

**Strategies To Accomplish Recoveries (STAR).** Strategies to Accomplish Recoveries (STAR) is a 24-bed unit that offers interventions to address social skill deficits, secondary mood disorders and the positive symptoms of schizophrenia (hallucinations and delusions). This unit specializes in the cognitive-behavioral treatments that target persistent delusions and hallucinations contributing to high-risk, bizarre and/or violent behavior. STAR provides on-going reinforcement of positive social behavior, teaching and modeling effective social interactions with special emphasis on cognitive-behavioral interventions designed to help patients with reasoning skills, self-monitoring,

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

### *Suicide Risk Mitigation*

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*behavioral regulation, cognitive processing, and thinking errors. For Not Guilty by Reason of Insanity (NGRI) and civil patients residing on STAR, the discharge to the community occurs when an individual demonstrates the ability to adequately manage social relationships without aggression, can safely negotiate day-to-day tasks and is able to manage violence risk factors.*

**Social Learning Program (SLP).** *Social Learning Program (SLP) is a 24-bed unit. It is an empirically validated treatment for the chronically mentally ill patient demonstrating significant negative symptoms of schizophrenia (i.e. flattened affect; avolition; poverty of speech; poor self-care skills; isolation and severe social avoidance-stimulus avoidant). Typically, patients admitted to the SLP demonstrate psychosis of a severe and persistent nature, do not have a primary diagnosis of personality disorder or mood disorder, have been continuously hospitalized or have had repeated hospitalizations with failed community placements, have severe deficits in functioning in the areas of self-care skills, social skills, and/or instrumental role performance and exhibit high rates of bizarre, unusual, and/or aggressive behavior. The program offers interventions designed to improve functioning in the areas of social interaction, self-care, problem solving, vocational and leisure interest and to reduce and/or eliminate violence risk, bizarre social behavior and/or aggressive behavior. The SLP fosters progressive obtainment of all privilege levels with goal of community placement following completion of the SLP. The token economy structure is the delivery system of the on-unit interventions and coaching. Treatment modalities also include numerous groups and individual intervention. Groups are carried out on a daily or multiple times a day/week basis. Emphasis is placed on de-institutionalizing patients, and teaching and reinforcing functional living skills. Groups and classes help to prepare patients for living situations to which they may be released. SLP patients attend sessions which involve both in-class didactic discussion and sessions which involve "hands on" learning in areas such as cooking, shopping skills, money management, time management, laundry skills, clothing repair, beginning sewing, meal preparation, budgeting, reading maps and directories, creating a personal resume, filling out a job application, and preparing for job interviews.*

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

### *Electronic Health Record and Pharmacy System Replacement*

#### PROGRAM PLAN STATUS

2015-030

Approved Program Plan?  Yes  No

Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	2 of 5	
OSP/B	12 of 42	Recommended for funding.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$9,849,610	\$4,863,145	\$0	\$14,712,755
<b>Total</b>	<b>\$0</b>	<b>\$9,849,610</b>	<b>\$4,863,145</b>	<b>\$0</b>	<b>\$14,712,755</b>

#### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$785,600	\$742,400	\$0	\$1,528,000
Construction	\$0	\$1,287,994	\$0	\$0	\$1,287,994
Equipment	\$0	\$42,691	\$42,691	\$0	\$85,382
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$469,029	\$231,578	\$0	\$700,607
Software Acquisition	\$0	\$7,264,296	\$3,846,476	\$0	\$11,110,772
<b>Total</b>	<b>\$0</b>	<b>\$9,849,610</b>	<b>\$4,863,145</b>	<b>\$0</b>	<b>\$14,712,755</b>

#### PROJECT STATUS

This is a new, never-before requested project.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Human Services (DHS) is requesting state funds to implement an electronic health record (EHR) system at the Mental Health Institutes at Pueblo and Fort Logan. The project will replace a number of separate health information and billing systems used by the institutes, including the institutes' pharmacy system, with a fully automated and comprehensive EHR system, with the goal of improving clinical decision-making, reducing medical errors, and increasing efficiencies.

Specifically, the project will replace the following existing information technology systems:

- a web-based dietary system;
- a locally hosted pharmacy system;
- a locally hosted lab system;
- a locally hosted admission/discharge/transfer system that also includes information about patient diagnoses, non-pharmacy billing, legal commitment records, scheduling, seclusion and restraint, and medication variances; and
- multiple Microsoft Access databases containing additional patient information.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

### *Electronic Health Record and Pharmacy System Replacement*

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The request includes the following components:

- fully hosted, web-based EHR system that will replace the institutes' health information systems and paper-based patient charts;
- improvements to network infrastructure, including the development of a secure wireless network on both campuses;
- EHR hardware including:
  - electronic tablets to be used by clinicians to allow real-time order entry, chart updating, and access to medical information while interacting with patients; and
  - bar scanning and labeling equipment for pharmaceutical dispensing; and
- vendor support, training, and software licenses.

The department will purchase a customizable, commercial off-the-shelf EHR product. Software costs include the purchase of the EHR, and installation, hosting, and process reengineering costs. The request assumes the software vendor, not state FTE, will customize the product for the department's specific needs, and the request includes funding for these costs.

**Office of Information Technology review of the project.** According to the DHS, the Governor's Office of Information Technology (OIT) reviewed the request, and proposed the addition of a vendor-conducted site review for accurately establishing the necessary wireless device placements to ensure adequate wireless coverage. This siting review is estimated at \$30,000, and is included in the DHS's estimated costs for the project. The DHS reports that with the addition of the siting review, OIT's concerns with the project have been addressed, and OIT has approved the project.

#### PROJECT JUSTIFICATION

A May 2011 state audit of the psychiatric medication practices for adult civil patients at the institutes contained a recommendation that the institutes pursue the implementation of an EHR. According to the audit, such a system would address problems identified in medication prescribing and monitoring, improve clinic decision-making, reduce medical errors, and increase efficiencies. The DHS reports that the rate of medication errors at both institutes is typically more than twice that reported by other psychiatric facilities, and notes that other facilities that have implemented EHR systems have experienced a significant reduction in medication errors.

The department further notes that an EHR will assist in clinical efforts to address patients' mental illnesses, and will potentially reduce patient behaviors that drive assaults, the need for seclusion and restraint, and lengthen hospitalizations. Further, as patients move from the institutes into the community, the institutes will be able to share patient information with community mental health centers and other providers in order to facilitate the transition.

**Project alternatives.** As alternative to the implementation of an EHR, the institutes could continue to operate the current information technology systems. According to the department, operation of the current systems would likely result in continued high rates of medication errors and would not positively impact the clinical management of patients. Further, not implementing the EHR will cause the department to be out of compliance with the 2011 recommendation of the State Auditor's Office to implement an EHER

#### PROGRAM INFORMATION

The mental health institutes provide residential services to individuals of all ages with complex, serious, and persistent mental illness. The Mental Health Institute at Pueblo currently has 451 beds and the Mental Health Institute at Fort Logan has 94 beds. The majority of the patients are referred to the facilities by community mental health centers when patients are deemed too unstable for community services to be effective.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

### Electronic Health Record and Pharmacy System Replacement

#### PROJECT SCHEDULE

	Start Date	Completion Date
Request for Proposal/Contract Negotiation	September 2013	July 2014
Development and Implementation	July 2014	July 2016
Independent Verification and Validation		
System Testing		
Roll Out	July 2016	

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it is an information technology project and does not involve the renovation, design, or construction of a physical facility.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

In FY 2014-15, DHS is requesting \$350,396 in operating funds to hire 5 positions (4.5 FTE in the first year and 5.0 FTE in subsequent years). The requested FTE are as follows.

#### STAFF QUESTIONS AND ISSUES

1. Please provide additional information on how the use of electronic health record will reduce seclusion hours, restraint hours, staff injuries related to seclusion and restraint, staff and patient injuries requiring medical intervention due to assault, and lengths of stay of currently enrolled and discharged restoration and competency exam patients.

*The implementation of a robust, fully-integrated electronic health record (EHR) establishes a condition of "data ubiquity," which lays the groundwork for subsequent clinical innovation and improved outcomes. The availability of all health data (including diagnostics, assessments, treatment planning, interventions, therapies and acuity) allows for the creation of feedback and monitoring applications, such as dashboards, that report on the status of (among many possibilities) the most vulnerable or treatment-resistant patients. The transformation of real-time health data into early-warning systems provides for a rapid-response intense-focus capability for those patients identified as most at risk for violence or self-harm (which can lead to assaults, injuries, the use of seclusion and/or restraint, and also prolong hospitalization), as well as problematic medical conditions, legal delays, malingering, treatment non-responsiveness, and other factors that also delay recovery and discharge, and thereby negatively impact the patients' lengths of stay.*

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections*

### PROGRAM PLAN STATUS

2015-031

Approved Program Plan?  No  Yes

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	3 of 5	
OSPB	7 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$1,100,000	\$2,000,000	\$6,000,000	\$9,100,000
<b>Total</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$2,000,000</b>	<b>\$6,000,000</b>	<b>\$9,100,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$200,000	\$200,000	\$600,000	\$1,000,000
Construction	\$0	\$693,070	\$1,386,139	\$4,158,417	\$6,237,626
Equipment	\$0	\$100,000	\$200,000	\$600,000	\$900,000
Miscellaneous	\$0	\$6,930	\$13,861	\$41,583	\$62,374
Contingency	\$0	\$100,000	\$200,000	\$600,000	\$900,000
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$2,000,000</b>	<b>\$6,000,000</b>	<b>\$9,100,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Division of Youth Corrections (DYC) within the Department of Human Services is requesting state funds for the first year of a seven-phase project to address safety and self-harm risks in 12 DYC facilities. Phase I will conduct a comprehensive assessment of, and planning process for, the necessary renovations at the division facilities and address the most immediately identifiable needs including:

- replacing wooden doors with 14-gauge steel doors;
- installing glass enclosures for second floor living units; and
- replacing bathroom and isolation room hardware.

In future years, the DYC will prioritize necessary refurbishments based on the risks identified in the assessment. According to the division, the renovations are likely to include installation of:

- self-harm-resistant hardware (handles, hinges, sprinkler heads, shower heads, sensor activated faucets, and towel racks);

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections*

- sink- and toilet-equipped isolation rooms;
- rip-away shower curtains;
- flooring to replace cracked and broken floors;
- 14-gauge steel doors in sleeping rooms;
- built-in, bolted-down beds;
- natural day lighting;
- anti-slip floor epoxy;
- a central monitoring station for seclusion rooms;
- self-harm-resistant grab bars in bathrooms; and
- sinks with pipe guards.

### PROJECT JUSTIFICATION

According to the division, the facilities encompassed in the project range from 15- to 100-years-old, and previous overutilization of the facilities has taken its toll on the physical plant. The department says that the facilities have evidence of wear in housing units, day room areas, classrooms, and dining halls, as well as on central systems such as dining facilities and HVAC systems.

In addition to the deterioration of the physical buildings, the division says that many aspects of the facilities are not conducive to safe treatment environments that reflect current best practices to reduce the risk of harm to residents and staff. From 2010 to 2012, there were 164 incidents of self-harm in DYC facilities, including 19 incidents that could have been fatal. The DYC says that injuries to youth and staff in the past year number in the hundreds. Funding a comprehensive assessment of the risks posed in all facilities and spreading the necessary refurbishments over a seven-year period allows the division to address the most serious needs immediately and prioritize the less immediate repairs appropriately.

### PROGRAM INFORMATION

The Division of Youth Corrections oversees the state's juvenile detention, commitment, and parole programs and is statutorily mandated to provide for the care and supervision of youth committed to the custody of the Colorado Department of Human Services. The DYC serves youth between the ages of 10 and 21 who are pre-adjudicated, sentenced, or committed to the division. The division also manages and oversees state-funded and locally administered programs that provide services to youth at risk of further progressing into the juvenile justice system. The division has 12 facilities located throughout the state; 10 facilities are operated directly by the division, and 2 are privately operated.

### PROJECT SCHEDULE

	Start Date	Completion Date
Phase I	August 2014	June 2015
Phase II	July 2015	June 2016
Phase III	July 2016	June 2017
Phase IV	July 2017	June 2018
Phase V	July 2018	June 2019
Phase VI	July 2019	June 2020
Phase VII	July 2020	June 2021

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections*

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### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent of the value of the property. The combined value of the DYC buildings that could potentially be included in the current scope of work is about \$193.8 million, and the total project cost is about \$9.1 million, or about 5 percent of the value of the property.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

The project has no projected impact on state operating costs. The renovations funded by the project may slightly reduce the facilities' maintenance costs.

### STAFF QUESTIONS AND ISSUES

1. Will the \$1 million requested in FY 2014-15 to address immediate safety risks be used for refurbishments at all 12 DYC facilities? How has the division prioritized the repairs and refurbishments that will be undertaken with this funding?

*It is unknown at this time whether these requested funds will be used to address needs at all 12 DYC facilities in the first year. The Division will complete (through contract) the comprehensive needs and cost assessment and then use this study to identify the most immediate projects for FY 2014-15. Priorities will be determined by the consultant's report as well as consideration of the Office of State Architect's rating of DYC facilities and cost efficiencies that can be achieved by completing similar work simultaneously.*

2. The CC-C narrative notes that funding in FY 2014-15 will be used, in part, for glass enclosures for second floor living units. Please provide further information on how glass enclosures serve to address safety and self-harm risks at DYC facilities.

*On a number of occasions DYC youth have attempted to jump over second floor railings, or tied themselves to second floor railings and jumped below in attempts to harm themselves or commit suicide. These incidents, though not common, have increased as the acuity of mental health problems among the DYC population has increased over the past several years. Glass enclosures of second floor living units would remove this self-harm risk.*

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Resident Support Areas and Security Upgrades, Various State Veterans Nursing Homes*

### PROGRAM PLAN STATUS

2015-032

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	4 of 5
OSPB	11 of 42      Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$1,428,500	\$0	\$0	\$1,428,500
FF	\$0	\$1,443,000	\$0	\$0	\$1,443,000
<b>Total</b>	\$0	<b>\$2,871,500</b>	\$0	\$0	\$2,871,500

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$298,500	\$0	\$0	\$298,500
Construction	\$0	\$2,070,000	\$0	\$0	\$2,070,000
Equipment	\$0	\$290,000	\$0	\$0	\$290,000
Miscellaneous	\$0	\$10,500	\$0	\$0	\$10,500
Contingency	\$0	\$202,500	\$0	\$0	\$202,500
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$0	<b>\$2,871,500</b>	\$0	\$0	\$2,871,500

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Human Services is requesting state funds and federal funds spending authority for safety improvements and facility upgrades at the State Veterans Nursing Homes located in Florence, Homelake, and Rifle. According to the department, the request targets those needs within the facilities that will have a direct and significant impact on the security and well being of residents. Improvements at the facilities will include:

- replacement of the nurse call systems (Homelake and Florence);
- replacement of the security systems, including new cameras, access control devices, and digital monitoring and recording systems (all three facilities);
- kitchen upgrades and equipment replacement (Homelake and Rifle);
- addition of air conditioning in the main kitchen (Homelake);
- interior finish upgrades, including new handrails, floor finish upgrades, and replacement of interior doors (Homelake and Florence);

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Resident Support Areas and Security Upgrades, Various State Veterans Nursing Homes*

- replacement of the telephone systems (Homelake and Florence);
- roof repairs (Homelake);
- accessibility improvements, including walkway repairs, addition of curbs, and improvements to the service entrance (Homelake);
- asbestos abatement (Homelake);
- installation of wander protection systems (Rifle and Florence);
- addition of powered exterior doors (Florence);
- resident bathing suite renovations, including fall mitigation and accessibility improvements (Florence); and
- upgrades to the staff training and activities area (Florence).

### PROJECT JUSTIFICATION

According to the department, all three homes are in need of upgrades to address resident care issues which were not considered at the time of their original construction. The homes range from 24- to 40-years-old, and all were constructed to standards that are now outdated. The request will replace old and deteriorated equipment, infrastructure, and finishes, which the department says impede resident care and safety and create staff inefficiencies.

The department reports that upgrades to the nurse call systems, new security systems, and wander protection systems will improve the direct care staff's ability to immediately and effectively respond to resident life-safety issues. The department says increases in security will improve treatment options for behavioral clients and potentially reduce the use of antipsychotic medications within the facilities. Improvements to the interior finishes of the facilities will facilitate the department's fall mitigation efforts, a critical component of elder care. The department says the kitchen and bathing equipment is old and difficult to maintain, and impacts care decisions for residents.

### PROGRAM INFORMATION

Colorado's State Veterans Nursing Homes serve honorably discharged veterans, veterans' spouses and widows, and "Gold Star" parents (parents whose children died while serving in the Armed Forces).

The Colorado State Veterans Center at Homelake was originally established in 1889 as the Soldiers' and Sailors' Home, providing a home for aging and disabled Civil War veterans. The facility currently includes a 60-bed skilled nursing home and 48 domiciliary cottages for individuals who do not require 24-hour care. The facility also offers short-term rehabilitation services, respite care, and hospice services.

The Colorado State Veterans Home at Rifle is an 89-bed nursing home, with a 12-bed secure memory care unit. It offers skilled long-term care nursing services, specific care for memory-impaired individuals, short-term rehabilitation services, respite care, and hospice services.

The Bruce McCandless State Veterans Home in Florence is a 105-bed facility, with a 20-bed secure environment known as the Four Seasons Trail neighborhood. It offers skilled long-term care nursing services, specific care for memory-impaired individuals, short-term rehabilitation services, respite care, and hospice services. In addition, the facility offers resident-selected programs including intergenerational activities, pet welfare, spa bathing, and more.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	March 2015
Construction	January 2016	July 2016
Equipment		
Occupancy	August 2016	

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Resident Support Areas and Security Upgrades, Various State Veterans Nursing Homes*

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent of the value of the property. The combined value of the properties included in the current scope of work is about \$23.9 million and the total project cost is about \$2.8 million, or about 12 percent of the value of the properties.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is a \$1.4 million federal grant under the U.S. Department of Veterans Affairs State Home Construction Grant Program which has not yet been awarded. The U.S. Department of Veterans Affairs requires that states provide matching funds for grants awarded under the grant program. If approved, the federal grant will provide 50 percent of the funding for the project.

### OPERATING BUDGET

The DHS reports that the project will have a positive impact on the operating budgets for each of the homes. Upon completion, the project will reduce the operating moneys that are used for ongoing replacement and maintenance of the systems and equipment encompassed in the request. The new nurse call, security, and wander protection systems are also expected to increase staff efficiency.

### STAFF QUESTIONS AND ISSUES

1. The CC-C narrative notes that planned improvements at each home include Wander Protection. Please provide more information on what a Wander Protection system entails.

*“Wander Protection” is a general term describing an electronic security system designed to prevent confused residents from accessing certain restricted areas of the facility or elopement from the home. Systems typically include a combination of electronic door locks, radio frequency receivers and transmitters, motion sensors, programmable controllers, audio/visual alarms and pendants, and pins or bracelets to be worn by the resident. A resident wearing a bracelet or pendant may be prevented from opening certain doors or accessing certain areas, such as elevators or stairwells, in order to prevent elopement or self-harm. Wander Protection systems typically allow customized programming, access control, alarming, and monitoring in order to adapt to the home’s specific security needs for their resident populations.*

2. Please provide more information regarding the planned upgrades to the Staff Training Center/Activities Area at the McCandless State Veterans home.

*Currently the home has only a single, multi-purpose conference/training room, seating approximately 10-12 people at capacity. There is no area on site to conduct large group staff training or conferences. In the event of multiple conferences occurring at the same time at the home, staff must commandeer other spaces (such as those normally used for resident care and activities) which are not properly equipped for conference or training purposes. The facility currently also has only a single large space accessible for large group resident activities and meetings.*

*This project’s scope of work includes construction of a modest staff conference/training area, immediately adjacent and connected to the facility, to provide an alternate conference area, as well as adequate space for approximately 25-30 staff in a structured formal training session or slightly smaller groups for less formal group activities. This area would typically be used for nursing in-service training, video conferencing, division-wide management meetings, and software training (such as electronic health records), as well as for large group resident activities such as Resident Council and community events.*

3. The request states that the project budget is based on the assumption that a federal grant from the U.S. Department of Veterans Affairs will fund 50 percent of the costs. When will the department know when the application for funding has been approved? What are the funding alternatives if the grant is not approved?

## **Fiscal Year 2014-15 Capital Construction Request**

### **Human Services**

*Resident Support Areas and Security Upgrades, Various State Veterans Nursing Homes*

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*Initial Application for federal funds for this project was approved by the Department and submitted to the US Department of Veterans Affairs (VA) in April 2013. Notice of the availability of federal grant funding is not given until after the start of the federal fiscal year, which begins October 1. In recent years, the Department has received notice of federal funds typically in January-February following the initial application.*

*If federal funds are not approved for this fiscal year, the Department will re-submit the grant for consideration in the following year. However, it is important to note that the project has been structured so that it is possible for the Department to proceed immediately with the most critical aspects of the project using the state's 50% appropriation. The remaining portions of the project could then be completed following receipt of the federal grant funds.*

*There are currently no alternative funding resources available to complete those portions of the project if federal grant funds are not available. Some of the most critical life safety elements of the project may be completed over time using DSVNH operating funds if no state capital construction or federal grant funding is available; however, the use of operating funds for capital improvements would necessarily detract from their use for direct resident care.*

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Program and Master Planning, Colorado Mental Health Institutes*

### PROGRAM PLAN STATUS

2015-033

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	5 of 5
OSP/SPB	13 of 42

Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$815,000	\$0	\$0	\$815,000
<b>Total</b>	<b>\$0</b>	<b>\$815,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$815,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$815,000	\$0	\$0	\$815,000
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$815,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$815,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Human Services (DHS) is requesting state funds to develop facility program plans and site master plans for the Colorado Mental Health Institutes at Fort Logan (CMHIFL) and Pueblo (CMHIP). The program and master plans will identify the long-term facility improvements required to meet programmatic goals such as reducing the use of patient seclusion and restraint, and develop future capital construction requests for both campuses. DHS explains that it plans to conduct an internal analysis to identify its current and future needs for inpatient psychiatric services. It will then hire an outside consultant to use this information as the basis for the development of new facility program plans and site master plans.

The plans will assess the facility needs of each mental health institute; the best reuse of existing structures; the projected costs and timetables for new construction, renovation, or demolition; and the land use and architecture of each campus. Additionally, the plans will assess the size, quantity, quality, and functionality of each program within the Office of Behavioral Health and identify the number and types of facilities needed to meet various program goals. The plans will also analyze the relationship between various mental health institute programs in order to identify the best location for each program.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Program and Master Planning, Colorado Mental Health Institutes*

DHS says the work will be completed by August 2015 in order to inform the FY 2015-16 capital budget request cycle.

**Facilities included in program and master planning on CMHIFL campus.** DHS say the program and master plans will evaluate 14 buildings on CMHIFL campus. All but two of the buildings are occupied. The buildings were built between 1889 and 1964. The total square footage of the buildings is 312,606, and the current replacement value is reported at about \$65.0 million. The Facility Condition Index (FCI) ratings of the buildings range from 0.39 to 0.95, but average about 0.62. The FCI rating is a ratio of facility deficiencies to current replacement value. The Office of the State Architect's target rating for state buildings is 0.85. The last master plan for the campus was completed in 1989.

**Facilities included in program and master planning on CMHIP campus.** DHS say the program and master plans will evaluate ten buildings on CMHIP campus. All but one of the buildings is occupied. The buildings were built between 1939 and 1982. The total square footage of the buildings is 415,804, and the current replacement value is reported at about \$92.5 million. The FCI ratings of the buildings range from 0.47 to 0.84, but average about 0.72. The last master plan for the campus was completed in 1997 and led to the replacement of the forensic medium and maximum security facilities.

### PROJECT JUSTIFICATION

According to the department, program and master planning is a proactive means through which it can identify what facilities it should modernize or replace on the mental health institute campuses. DHS says more modern facilities will improve patient treatment through a reduction in the use of seclusion and restraint, minimizing wait times for competency exams, and reducing the incidence of injury and assault, including assaults on staff members. This will be made possible through the incorporation of modern safety, code, accessibility, and health standards in renovated and new facilities. Additionally, renovated or new facilities are needed in order to accelerate patient treatment, care, and rehabilitation, says DHS. The department says there has been an increase in the severity of need of the patient population at the mental health institutes.

DHS says the state has a responsibility to ensure quality patient care to residents of the mental health institutes, and the existing condition of the mental health institutes is insufficient to meet the complex needs of these patients. The department cites concerns with the existing conditions that contribute to an increase in critical incidents, such as suicide attempts or patient assaults, and an increase in the length of patient stay. The vast majority of treatment units and administration buildings are between 45 and 75 years old and many lack basic safety systems like fire sprinklers or public address systems. Also, it is cost prohibitive to maintain and repair the existing facilities with operating and controlled maintenance funds, says DHS. Many of the systems are outdated and must be wholly replaced rather than repaired because some key parts are no longer manufactured.

### PROGRAM INFORMATION

The mental health institutes provide residential services to individuals of all ages with complex, serious, and persistent mental illness. The Mental Health Institute at Pueblo currently has 451 beds and the Mental Health Institute at Fort Logan has 94 beds. The majority of the patients are referred to the facilities by community mental health centers when patients are deemed too unstable for community services to be effective.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	March 2014	October 2015
Construction		
Equipment		
Occupancy		

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Program and Master Planning, Colorado Mental Health Institutes*

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### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it does not involve the construction or renovation of a physical facility.

### SOURCE OF CASH FUNDS

The project is not funded from cash sources.

### OPERATING BUDGET

This project has no impact on state operating costs.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Replace Deteriorated Infrastructure, Colorado Mental Health Institute at Fort Logan (Capital Renewal Project)*

### PROGRAM PLAN STATUS

2015-048

Approved Program Plan?  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	6 of 5	
OSP/	40 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$10,700,280	\$0	\$0	\$10,700,280
<b>Total</b>	<b>\$0</b>	<b>\$10,700,280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,700,280</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$1,509,800	\$0	\$0	\$1,509,800
Construction	\$0	\$8,199,091	\$0	\$0	\$8,199,091
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$20,500	\$0	\$0	\$20,500
Contingency	\$0	\$970,889	\$0	\$0	\$970,889
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$10,700,280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,700,280</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Human Services (DHS) is requesting state funds to complete a number of critical controlled maintenance projects on the Colorado Mental Health Institute at Fort Logan (CMHIFL) campus. This is a capital renewal project. The capital renewal approach focuses on building systems, infrastructure, and the basic building components within an existing building on a building-by-building basis, rather than project by project. This request does not meet the strict definition of capital renewal because it addresses issues throughout the campus rather than in a single building. However, it captures the idea of capital renewal because it addresses systemic needs that would otherwise be addressed on a project-by-project basis through the regular controlled maintenance process. The project replaces main water lines, sewer lines, fire hydrant lines, roads and sidewalks, and improves storm water drainage.

The department explains that it will temporarily reopen the intersection of South Lowell Boulevard and West Quincy Avenue to allow vehicle access to the campus while other roads are closed during construction.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Replace Deteriorated Infrastructure, Colorado Mental Health Institute at Fort Logan (Capital Renewal Project)*

### PROJECT JUSTIFICATION

According to the department, the infrastructure at CMHIFL is in poor condition and the capital renewal approach is the most cost effective way to make the needed improvements to the campus. DHS anticipates that completing the various improvements detailed in this request as a single project rather than several controlled maintenance requests will save about \$2.3 million over the cost of completing the projects through the regular controlled maintenance process. These savings will be made possible through an accelerated construction schedule resulting in limited cost escalation and a reduction in overhead costs. Furthermore, the state will likely avoid future emergency controlled maintenance costs for repairs on the campus. The department explains that 14 emergency controlled maintenance projects have been funded in the last four years due, in part, to water and sewer line failures on the campus.

Specifically, the project addresses concerns with water mains and sewer lines that have exceeded their useful life, roads and sidewalks that are failing due to high traffic volume, inadequate storm water drainage, and failing fire hydrant lines. DHS says some of the water mains and sewer lines are more than 100 years old. Some roads and sidewalks are hazardous due to cracks, heaving, and uneven surfaces. The storm water drainage system has failed in places which has resulted in basement floods and road damage. The fire hydrant lines are between 14 and 87 years old and sometimes break or have low water pressure. The department says that the deterioration of the campus infrastructure causes disruptions to patient care and management and leads to expensive ongoing and controlled maintenance costs.

### PROGRAM INFORMATION

The mental health institutes provide residential services to individuals of all ages with complex, serious, and persistent mental illness. The CMHIFL currently has 94 beds. The majority of the patients are referred to the facility by community mental health centers when patients are deemed too unstable for community services to be effective.

CMHIFL was constructed as a military outpost in 1881. The state assumed ownership in 1961. The campus spans 232 acres and houses numerous divisions within the DHS and other health-care programs.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	April 2015
Construction	April 2015	June 2017
Equipment		
Occupancy		June 2017

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent the value of the property.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Replace Deteriorated Infrastructure, Colorado Mental Health Institute at Fort Logan (Capital Renewal Project)*

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### OPERATING BUDGET

The operating impact is unknown; however, it is anticipated that the department will realize costs savings from a reduction in ongoing maintenance and repair costs.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Upgrade Campus Utility Infrastructure, Colorado Mental Health Institute at Pueblo (Capital Renewal Project)*

### PROGRAM PLAN STATUS

2015-049

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	7 of 5	
OSP/	41 of 42	Prioritized, but not recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$19,227,152	\$0	\$0	\$19,227,152
<b>Total</b>	<b>\$0</b>	<b>\$19,227,152</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,227,152</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,301,639	\$0	\$0	\$2,301,639
Construction	\$0	\$15,177,590	\$0	\$0	\$15,177,590
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$1,747,923	\$0	\$0	\$1,747,923
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$19,227,152</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,227,152</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Human Services (DHS) is requesting state funds to complete a number of critical controlled maintenance projects on the Colorado Mental Health Institute at Pueblo (CMHIP) campus. The capital renewal approach focuses on building systems, infrastructure, and the basic building components within an existing building on a building-by-building basis, rather than project by project. This request does not meet the strict definition of capital renewal because it addresses issues throughout the campus rather than in a single building. However, it captures the idea of capital renewal because it addresses systemic needs that would otherwise be addressed on a project-by-project basis through the regular controlled maintenance process. The project replaces primary and secondary electrical distribution lines, installs new water and sewer mains, reinforces the tunnel infrastructure, and installs new roadways, parking lots, and sidewalks.

The department says it will work north to south to complete the campus infrastructure repairs.

# Fiscal Year 2014-15 Capital Construction Request

## Human Services

*Upgrade Campus Utility Infrastructure, Colorado Mental Health Institute at Pueblo (Capital Renewal Project)*

### PROJECT JUSTIFICATION

According to the department, the project completes upgrades and improvements initiated through various capital construction, controlled maintenance, and emergency controlled maintenance projects during the last seven years. DHS anticipates that completing the various improvements detailed in this request as a single project rather than multiple controlled maintenance requests will save about \$2.7 million over the cost of completing the projects through the regular controlled maintenance process. These savings will be made possible through an accelerated construction schedule resulting in limited cost escalation and a reduction in overhead costs. Furthermore, the state will likely avoid future emergency controlled maintenance costs for repairs on the campus.

The department says that the deterioration of the campus infrastructure causes disruptions to patient care and management and leads to expensive ongoing and controlled maintenance costs. Specifically, the project abates asbestos and improves the safety of the ingress and egress to the campus tunnel system, improves sidewalks to comply with accessibility code, replaces old and undersized electrical distribution lines, and replaces other systems that have exceeded their useful life.

### PROGRAM INFORMATION

The mental health institutes provide residential services to individuals of all ages with complex, serious, and persistent mental illness. The CMHIP currently has 451 beds. The majority of the patients are referred to the facility by community mental health centers when patients are deemed too unstable for community services to be effective.

CMHIP was constructed in 1908. The campus spans 300 acres and houses numerous divisions within the DHS and some Department of Corrections functions.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	May 2015
Construction	May 2015	March 2017
Equipment		
Occupancy		June 2017

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent the value of the property.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

The operating impact is unknown; however, it is anticipated that the department will realize costs savings from a reduction in ongoing maintenance and repair costs.

# **Fiscal Year 2014-15 Capital Construction Request**

## **Human Services**

*Upgrade Campus Utility Infrastructure, Colorado Mental Health Institute at Pueblo (Capital Renewal Project)*

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### **STAFF QUESTIONS AND ISSUES**

All responses to staff questions were incorporated into the project write-up.

**Department of Human Services  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Electronic Health Record and Pharmacy System Replacement	CCF	\$9,849,610	\$4,863,145	\$0	\$0	\$0	\$14,712,755
	CF	0	0	0	0	0	\$0
Facility Refurbishment for Safety, Risk Mitigation, and Modernization, Division of Youth Corrections	CCF	1,100,000	2,000,000	2,000,000	2,000,000	2,000,000	\$9,100,000
	CF	0	0	0	0	0	\$0
Replace Deteriorated Infrastructure, Colorado Mental Health Institute at Fort Logan (Capital Renewal Project)	CCF	10,700,280	0	0	0	0	\$10,700,280
	CF	0	0	0	0	0	\$0
Resident Support Areas and Security Upgrades, Various State Veterans Nursing Homes	CCF	1,428,500	0	0	0	0	\$1,428,500
	FF	1,443,000	0	0	0	0	\$1,443,000
Suicide Risk Mitigation	CCF	4,478,533	4,556,369	1,775,086	0	0	\$10,809,988
	CF	0	0	0	0	0	\$0
Program and Master Planning, Colorado Mental Health Institutes	CCF	815,000	0	0	0	0	\$815,000
	CF	0	0	0	0	0	\$0
Upgrade Campus Utility Infrastructure, Colorado Mental Health Institute at Pueblo (Capital Renewal Project)	CCF	19,227,152	0	0	0	0	\$19,227,152
	CF	0	0	0	0	0	\$0
<i>Out Year Request(s)</i>							
Betty K. Marler Youth Services Center Expansion	CCF	0	0	119,840	1,777,270	17,016,210	\$18,913,320
	CF	0	0	0	0	0	\$0
Domiciliary Care Center, Fitzsimons State Veterans Nursing Home	CCF	0	200,000	1,855,500	2,499,500	12,442,750	\$16,997,750
	FF	0	0	0	31,567,250		\$31,567,250
Intergenerational Care, McCandless State Veterans Nursing Home at Florence	CCF	0	0	0	0	2,500,000	\$2,500,000
	CF	0	0	0	0	0	\$0
Nursing Unit Upgrades, McCandless State Veterans Nursing Home at Florence	CCF	0	0	0	653,100	0	\$653,100
	FF	0	0	0	1,212,900	0	\$1,212,900
Residential Unit Replacement, Lookout Mountain Youth Services Center, Division of Youth Corrections	CCF	0	0	177,250	1,279,845	18,566,107	\$20,023,202
	CF	0	0	0	0	0	\$0

**Department of Human Services (Cont.)**  
**Five-Year Projection of Need**  
**FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Out Year Request(s) (Cont.)</i>							
Specialized Treatment Unit, Colorado State Veterans Center at Homelake	CCF	\$0	\$0	\$1,274,000	\$0	\$0	\$1,274,000
	FF	0	0	2,366,000	0	0	\$2,366,000
<i>Total: State Funds</i>		<i>47,599,075</i>	<i>11,619,514</i>	<i>7,201,676</i>	<i>8,209,715</i>	<i>52,525,067</i>	<i>\$127,155,047</i>
<b>Grand Total: All Fund Sources</b>		<b>\$49,042,075</b>	<b>\$11,619,514</b>	<b>\$9,567,676</b>	<b>\$40,989,865</b>	<b>\$52,525,067</b>	<b>\$163,744,197</b>

# Fiscal Year 2014-15 Capital Construction Request

## Office of Information Technology *Digital Trunked Radio System, Software Upgrade*

### PROGRAM PLAN STATUS

2014-081

Approved Program Plan?  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 2	
OSPB	5 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$3,726,190	\$3,636,760	\$3,636,760	\$3,547,383	\$14,547,093
<b>Total</b>	<b>\$3,726,190</b>	<b>\$3,636,760</b>	<b>\$3,636,760</b>	<b>\$3,547,383</b>	<b>\$14,547,093</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$3,726,190	\$3,636,760	\$3,636,760	\$3,547,383	\$14,547,093
<b>Total</b>	<b>\$3,726,190</b>	<b>\$3,636,760</b>	<b>\$3,636,760</b>	<b>\$3,547,383</b>	<b>\$14,547,093</b>

### PROJECT STATUS

This is a continuation request. Phase I was funded in FY 2013-14.

**Funding history.** The implementation of the Digital Trunked Radio System (DTRS) was funded as a seven-phase project through the capital process between FY 1999-00 and FY 2008-09. Each phase of the project implemented the DTRS by geographic boundary based on Colorado State Patrol and Department of Transportation boundaries. The state-funded cost of the project was offset by local grants and federal funds. The DTRS replaced disparate and technically obsolete radio systems in order to create a statewide public safety communications system. The FY 2008-09 appropriation funded a hardware and software upgrade for 28 state and local public safety dispatch centers.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Governor's Office of Information Technology (OIT) is requesting state funds for the second phase of a four-phase project to acquire through lease purchase new software to support the DTRS. The DTRS is a statewide public safety, two-way radio communication system. The system is used by state and local government agencies such as the Department of Corrections and local sheriffs for day-to-day communications and to improve interagency cooperation and coordination in first responder situations. The project will upgrade the existing software platform in order to mitigate risks associated with the system's security, interoperability, and capacity.

## Fiscal Year 2014-15 Capital Construction Request

### Office of Information Technology

#### *Digital Trunked Radio System, Software Upgrade*

This year's request for Phase II upgrades the DTRS software from version 7.7 to version 7.9. OIT explains that an incremental software upgrade is necessary to ensure that the system remains stable and available to all users. The request will provision, program, and install new software and equipment at the master sites, communication centers, and backhaul links. It also increases the number of users that can be supported from 67,000 to 128,000. Phase I upgraded the DTRS software from version 7.5 to version 7.7 and reinstated cyber security and anti-virus protection. Phases III and IV will continue to incrementally upgrade the system from version 7.9 to 7.14, adopt more advanced encryption algorithms, maintain security protocols, and replace associated hardware, including outdated network servers.

**DTRS infrastructure.** The equipment, software, and radio towers that make up the DTRS are owned by a combination of state and local entities. The infrastructure of the DTRS includes *216 radio towers* located throughout the state; *1 primary zone controller* located in Denver that processes data sent to *4 master sites*, which house computer equipment used to control the operations of the radio sites; *115 communication dispatch centers*, which allow operators to communicate with first responders and facilitate communication among first responders; and *backhaul links*, which connect the sites to each other. The DTRS infrastructure also includes communications software and individual radios.

**Future operating and capital need associated with the DTRS.** In addition to the work requested under this project, the DTRS also requires upgrades to additional operating equipment and physical facilities. Furthermore, although the upgrade of the current software to version 7.14 can be supported on existing dispatch center equipment, all subsequent upgrades to versions 7.15 and higher will require the replacement of the dispatch equipment used by the majority of the dispatch centers in the state. The cost to replace this equipment is about \$150,000 per dispatch center for an estimated 240 dispatch centers, or \$36 million. Additionally, many of the existing radio towers are in poor condition and require repairs. In recent years, some of the required repairs have been addressed through the state's controlled maintenance process. Since FY 2010-11, the state has spent about \$2.7 million to replace six microwave site towers. OIT's five-year plan for controlled maintenance indicates several additional requests associated with repairs to state-owned radio towers, and a 2012 report to the Joint Budget Committee about the DTRS estimates it will cost about \$35 million to repair the existing tower infrastructure, including state- and locally owned radio tower sites.

### PROJECT JUSTIFICATION

OIT explains that interoperable radio communications are a critical technology for search and rescue, emergency response, disaster management, and other public safety functions because they allow personnel from multiple agencies to rapidly share information and coordinate efforts. The DTRS has been used in several high profile emergency situations, including the recent wildfires and floods and the Aurora theatre shooting. In the instance of the Aurora theatre shooting, the DTRS allowed Aurora first responders to interface with the DTRS to communicate directly with first responders in neighboring communities using different radio communications systems. According to OIT, the DTRS prevents the reoccurrence of situations like the Columbine school shooting, where first responders from different agencies and jurisdictions were not able to communicate directly via two-way radio.

According to OIT, the state and its local government partners have identified a software upgrade as the highest priority need for the DTRS. The new software will support Federal Communications Commission mandates on narrowbanding, which go into effect in 2017. Narrowbanding requires radio users to use less bandwidth in broadcasts and is made possible through better technology and equipment. The new software will also increase interoperability between DTRS and other systems used by local agencies, such as the voice communication system used by the city and county of Denver.

The project will also upgrade the software used by the DTRS to improve its capacity, or the ability of the system to carry calls without overloading available equipment or channels. The DTRS currently supports about 67,000 users; after the system's software is fully upgraded, it will support about 128,000 users. Additionally, upgrading the system will make state and local entities more eligible for grant funding from the U.S. Department of Homeland Security (DHS). The DHS requires states to report on their capabilities regarding the interoperability of voice communication. The data that is collected through this reporting is used in determining yearly grant allocations.

**Consequences if not funded.** According to OIT, if this year's request for Phase II is not funded, it risks being in

# Fiscal Year 2014-15 Capital Construction Request

## Office of Information Technology

*Digital Trunked Radio System, Software Upgrade*

breach of contract with the vendor because it would not be able to make the FY 2014-15 lease-purchase payment on behalf of the project. OIT explains that if work on the project is halted it risks the loss of network protection from cyber attack. Furthermore, the DTRS will be forced to continue to operate with antiquated equipment.

### PROGRAM INFORMATION

According to OIT, about 1,000 local, state, and federal government agencies currently use the DTRS. The system currently supports about 66,920 users. The system processes about 7.5 million transmissions per month and 86 million transmissions a year. Attachment A is a map of the DTRS towers. The primary stakeholders of the DTRS include the Departments of Corrections, Natural Resources, Public Safety, and Transportation; local government public safety entities; and several federal agencies. An agency may opt to use the DTRS as its primary radio system or for interoperability only, especially during first responder situations.

The Consolidated Communications System Authority (CCSA) is a 20-member board created by House Bill 12-1224 to represent the interests of the various agencies that use the DTRS. The CCSA solicits funding for the DTRS; represents its membership in strategic, technical, and regulatory matters; and advises the Governor and General Assembly regarding the present status and future needs of the DTRS. The CCSA presents a written report to the Joint Budget Committee annually concerning the operational and capital needs for the DTRS and funding options to meet those needs. This report is available upon request to Legislative Council Staff.

### PROJECT SCHEDULE

	Start Date	Completion Date
Phase I (version 7.5 to 7.7)	August 2013	January 2014
Phase II (version 7.7 to 7.9)	February 2014	June 2014
Phase III (version 7.9 to 7.13)	July 2014	November 2014
Phase IV (version 7.13 to 7.14)	December 2014	December 2015

The project phasing does not correlate directly to each fiscal year appropriation. The project is funded through lease-purchase, and the work is accelerated, while the payment is staggered over four years.

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it is an information technology project and does not involve the renovation, design, or construction of a physical facility.

### SOURCE OF CASH FUNDS

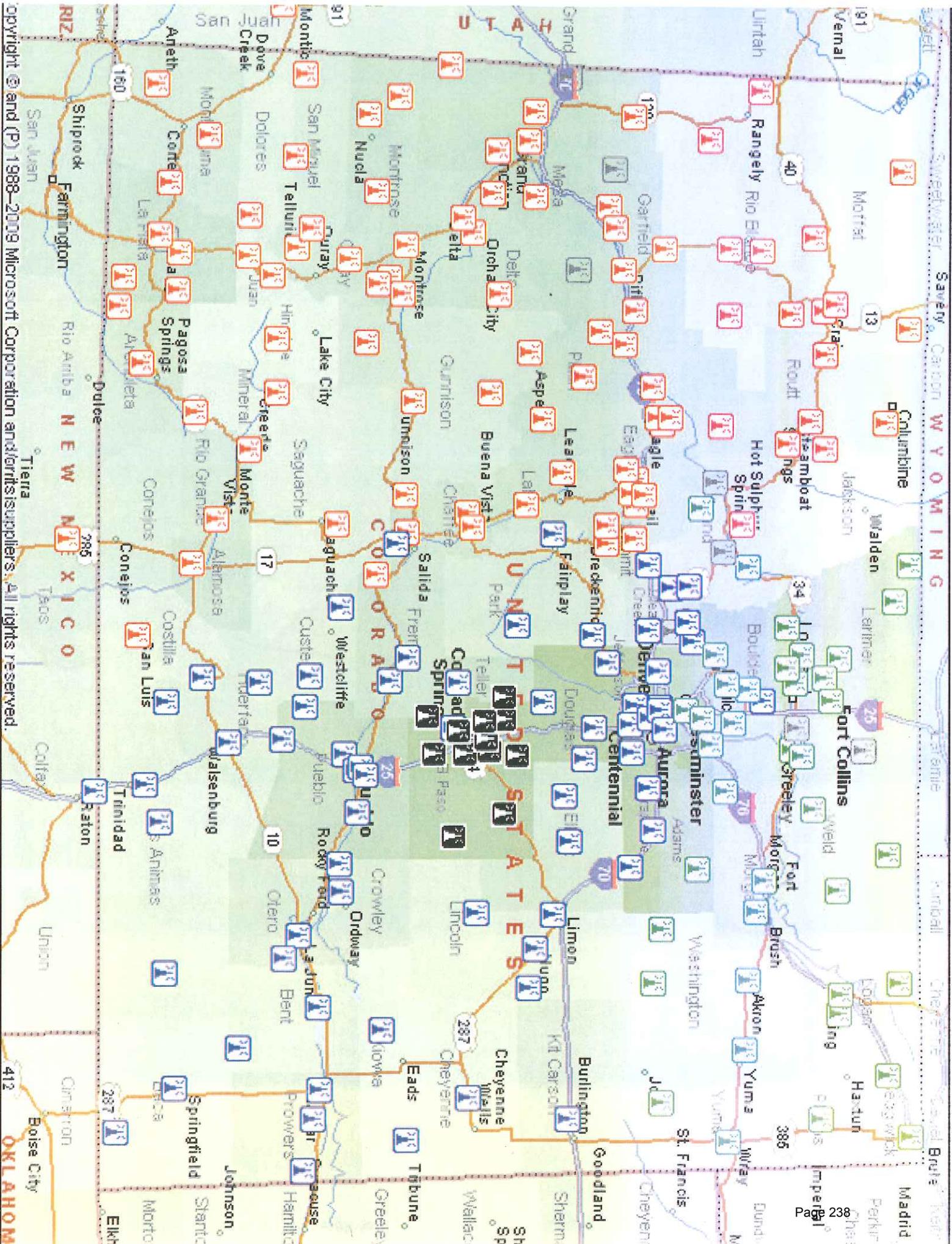
This project is not funded from cash sources.

### OPERATING BUDGET

This project has no impact on state operating costs. Future requests associated with the DTRS may impact the operating budget.

### STAFF QUESTIONS AND ISSUES

None.



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# Fiscal Year 2014-15 Capital Construction Request

## Office of Information Technology

*Statewide Leave, Time Tracking, and Human Resources Management Systems Modernization*

### PROGRAM PLAN STATUS

2015-045

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
DeptInst	2 of 2
OSPB	14 of 42

Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$16,070,000	\$0	\$0	\$16,070,000
<b>Total</b>	<b>\$0</b>	<b>\$16,070,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,070,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,000,000	\$0	\$0	\$2,000,000
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$670,000	\$0	\$0	\$670,000
Software Acquisition	\$0	\$13,400,000	\$0	\$0	\$13,400,000
<b>Total</b>	<b>\$0</b>	<b>\$16,070,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,070,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Office of Information Technology (OIT), in cooperation with the Department of Personnel and Administration's Division of Human Resources and the Office of the State Controller, is requesting state funds to purchase licenses for human resources software applications to be used by all executive branch departments. The software applications will provide a unified human resource management system that will process employee time and leave, verify payroll activity, track employee development and compensation, facilitate benefit enrollment, assist in workforce and succession planning, and create reports in a real-time, user-friendly, and consistent environment hosted by the vendor.

Two software applications will be purchased: a timekeeping software from Kronos, and a core human resource management software from a to-be-determined Enterprise Resource Planning vendor. The department expects to roll-out the Kronos software first, followed by the Enterprise Resource Planning solution.

**Kronos.** Kronos is a timekeeping software. The state currently owns 12,700 Kronos licenses, which are legacy (unsupported) versions of the software. Under this request, these Kronos licenses will be upgraded and moved to a

# Fiscal Year 2014-15 Capital Construction Request

## Office of Information Technology

*Statewide Leave, Time Tracking, and Human Resources Management Systems Modernization*

hosted environment, and an additional 12,300 licenses will be purchased. These 25,000 licenses will include access to Kronos' WorkForce Analytics, an employee performance analysis system. As different departments have different requirements for timekeeping, the Kronos licenses will vary in functionality and price between departments.

**Enterprise Resource Planning (ERP) software.** The agency will solicit an ERP software vendor to provide the remaining core human resource management (Core HRM) functions, such as benefits administration, payroll, and performance management. The Office of the State Controller requires 35,000 licenses, since it handles payroll and benefit functions for agencies outside the executive branch. The ERP software vendors are Kronos partners, and have products that will interface fluidly with the Kronos platform. The vendor will be solicited through a Request for Proposal process.

The project includes costs for:

- software licenses;
- application configuration;
- user training; and
- initial hosting fees.

### PROJECT JUSTIFICATION

According to OIT, the executive branch departments currently lack a unified human resource management system. Each department has a disparate process dependent on either paper, spreadsheets, databases, internally-developed applications, or outdated timekeeping software. This puts the state at risk of violating labor polices for its inconsistent and sometimes erroneous time and leave tracking systems.

**Project alternatives.** The alternative to the project is the continuation of disparate and inconsistent time and leave tracking systems across departments, and human resource management systems, which are not only outdated and inconvenient, but put the state at risk for user error and violation.

### PROGRAM INFORMATION

The executive branch currently employs around 35,000 employees in 17 departments.

### PROJECT SCHEDULE

	Start Date	Completion Date
Kronos Deployment	January 2014	December 2014
ERP Software Deployment	October 2014	September 2015

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it is an information technology project and does not involve the renovation, design, or construction of a physical facility.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

# Fiscal Year 2014-15 Capital Construction Request

## Office of Information Technology

*Statewide Leave, Time Tracking, and Human Resources Management Systems Modernization*

### OPERATING BUDGET

This project has no impact on state operating costs in FY 2014-15; however, OIT projects that beginning in FY 2015-16, the cost of maintaining and hosting the systems will be between \$1.5 and \$3.7 million annually.

### STAFF QUESTIONS AND ISSUES

1. Will the Department of Personnel and Administration's Division of Human Resources oversee this software application? How will DPA be involved or impacted?

*The Division of Human Resources (DHR) and Office of the State Controller are the business owners for Human Resource Management (timekeeping, benefits administration, payroll and core human resources) and will conduct the RFP for CORE HRM and collaborate with OIT.*

2. Who is expected to host this solution, OIT or the vendor?

*The vendor. Kronos (Workforce Management Solutions) for timekeeping and an ERP (Enterprise Resource Planning) vendor for Core HRM.*

3. Does the state already own licenses to Kronos, and how many? How does previous ownership affect the product's RFP and implementation?

*Yes, the state owns 12,700 licenses which are in use by various departments across the state. The department has been paying annual maintenance on these licenses, but is working with legacy/unsupported versions. With this new request, the existing licenses/users will be upgraded/deployed to the hosted environment. The department is also buying WorkForce Analytics that will cover the entire enterprise. Different departments have different requirements for timekeeping. They are not all the same and the licenses are different in functionality and price.*

4. Please describe the RFP process for the core HRM product. Who will be involved?

*The Draft RFP is developed. The RFP will be solicited, and the department will follow the standard procurement process. DHR has a list of the RFP committee members and it includes various HR Directors and other stakeholders across the executive branch. Our intent is to finalize to two vendors and negotiate price/terms at that point.*

5. Why are two separate software systems necessary? How will they interact?

*Not all of the ERP/HRM providers meet the requirements for the specialized timekeeping systems that are required in some departments; however, all of the ERP/HRM meet the basic timekeeping requirements for most departments. It was decided that since we already own licenses with Kronos it is the best solution for the state, rather than having some departments use Kronos and other departments use ERP/HRM timekeeping solution. All of the ERP providers that meet the basic requirements for HRM (public sector installed base of a minimum of 35K users), have API/Interfaces, and are partners with Kronos.*

6. Explain how some executive branch departments will use the software a la carte? Please include specific alternatives (like SAP at the Colorado Department of Transportation (CDOT)).

*CDOT's 3200 employees will use Kronos, and certain components of HRM including payroll and benefits administration. CDOT will not use the Core HR (onboarding, performance management, etc.) because they purchased SuccessFactors an SAP product for Core HR. All other executive branch will use Kronos and all components of the new ERP/HRM.*

7. Please explain whether the decision to request this IT-related project as an OIT request versus a department request is based on the nature of the project or the preference of the department?

*For this particular project, the Department received direction from OSPB to work through OIT to request the funding.*

# Fiscal Year 2014-15 Capital Construction Request

## Judicial

*Ralph L. Carr Justice Center (COP Payment)*

### PROGRAM PLAN STATUS

2013-008

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	1 of 1

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$70,690,895	\$21,627,507	\$21,543,903	\$64,737,125	\$178,599,430
<b>Total</b>	\$70,690,895	<b>\$21,627,507</b>	\$21,543,903	\$64,737,125	\$178,599,430

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$70,690,895	\$21,627,507	\$21,543,903	\$64,737,125	\$178,599,430
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$70,690,895	<b>\$21,627,507</b>	\$21,543,903	\$64,737,125	\$178,599,430

### PROJECT STATUS

This is an ongoing request for an annual lease payment. The projects funded through the sale of certificates of participation (COPs) are completed and occupied.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Judicial Branch (Judicial) is requesting cash funds spending authority for the third of 33 certificates of participation (COP) annual lease payments to purchase a new judicial center, including a new court building, office tower, and parking garage. The first half of the FY 2014-15 payment is due in September 2014. This request only pays the annual lease payment costs associated with the construction of a new, 620,000-GSF judicial center. The full COP issuance finances both a new judicial center and a new history museum. Another project (No. 2012-001) pays for the portion of the annual lease payments associated with the construction of the new museum. The authority to enter into these agreements was provided through Senate Bill 08-206.

The new judicial center, which is fully occupied, houses the Colorado Supreme Court, the Court of Appeals, the State Court Administrator's Office, the Office of the Public Defender, the Office of the Child's Representative, the Alternate Defense Counsel, the Independent Ethics Commission, and the Attorney General's Office. The north side of the facility houses the courts and associated offices, as well as the law library, and an educational center. There is limited underground parking beneath the court building. The south side of the facility is a 12-story office tower that houses other administrative functions associated with the Judicial Branch and Department of Law, a conference

# Fiscal Year 2014-15 Capital Construction Request

## Judicial

*Ralph L. Carr Justice Center (COP Payment)*

center, and a training center. About 50,000 GSF has been made available in the office tower for lease to state or private entities. The building linking the court building and the office tower houses food services, conference and meeting rooms, and some offices. The project also constructed a stand-alone parking garage one block south of the office tower. About 1,200 state employees work in the complex.

**Supplemental spending authority.** Senate Bill 08-206 authorized the transfer of up to \$25 million from the Justice Center Cash Fund to the State Museum Cash Fund to pay the costs associated with assuming ownership of the property at the corner of Broadway and 14th Street, which was the site of the former state history museum. In addition, Judicial received FY 2011-12 supplemental spending authority in the amount of \$33.1 million in October 2011 in order to make payments for expenses related to the construction of the Justice Center and a parking garage. Judicial also received FY 2013-14 supplemental spending authority in the amount of \$3 million in September 2013 to pay the remaining project close-out costs. According to the department, the cash funds amount reflected in these requests is commensurate with the amount originally budgeted for the project.

The total project cost, including the principal and interest amount financed through the sale of COPs, and the additional cash funds dedicated to the project as detailed above, is about \$685.4 million.

### PROJECT JUSTIFICATION

Judicial explains that spending authority is needed in order to access the cash funds to make the annual lease payment. If no moneys are appropriated for the annual COP payment, the facility may be sold by COP holders to pay the remaining obligation.

### PROGRAM INFORMATION

See Program Description / Scope of Work.

### PROJECT SCHEDULE

This request makes two, semi-annual lease payments in September 2014 and February 2015. The COP payments will continue for 32 more years, through September 2046.

### LEED CERTIFICATION INFORMATION

Annual lease payments for COPs are not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

### SOURCE OF CASH FUNDS

The source of cash funds is the Justice Center Cash Fund created in Section 13-32-101 (7), C.R.S. Moneys to the fund accrue from civil docket filing fees and may be used for the judicial center project, including annual lease payments, and operating and maintenance costs. According to Judicial, after the payment of the FY 2014-15 lease payment, the projected year-end fund balance is about \$9.9 million.

### OPERATING BUDGET

This project has no impact on state operating costs. Operating costs are paid from the Justice Center Cash Fund.

### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Labor and Employment

*Workers' Compensation Mainframe Migration and Modernization Project*

### PROGRAM PLAN STATUS

2015-028

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

DeptInst              1 of 1

OSPB                  N/A of 42      Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$0	\$5,932,500	\$0	\$0	\$5,932,500
<b>Total</b>	<b>\$0</b>	<b>\$5,932,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,932,500</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$2,200,000	\$0	\$0	\$2,200,000
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$150,000	\$0	\$0	\$150,000
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$282,500	\$0	\$0	\$282,500
Software Acquisition	\$0	\$3,300,000	\$0	\$0	\$3,300,000
<b>Total</b>	<b>\$0</b>	<b>\$5,932,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,932,500</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Labor and Employment (CDLE), in cooperation with the Governor's Office of Information Technology (OIT), is requesting cash funds spending authority to modernize the 23-year-old computer platform for the Claims Management System operated by the department's Division of Workers' Compensation. The current claims system is hosted by the General Government Computer Center (GGCC), which also provides services for programs at the Department of Revenue and the Colorado State Patrol. The GGCC is responsible for the management and operation of the state's information data and houses mainframes to support various computer systems. CDLE says that establishing a separate platform to host its claims system is more cost effective than remaining on the GGCC platform and will allow for needed upgrades to the program's software.

CDLE plans to implement the project in three steps.

Step 1: Enable the vendor to use proprietary software to determine the scope of migrating the program to a new platform.

Step 2: Migrate the division's claims system to a new platform.

# Fiscal Year 2014-15 Capital Construction Request

## Labor and Employment

### *Workers' Compensation Mainframe Migration and Modernization Project*

Step 3: Customize the new platform to modernize and integrate the system to address specific customer and CDLE needs.

CDLE says the project will reduce risks associated with outdated technology and provide more effective service to its customers. In addition, the cost of maintaining the system will be reduced.

#### PROJECT JUSTIFICATION

According to CDLE, its claims system is outdated and needs to be replaced in order to be compatible with new technology. The programming language used for the claims system is no longer used in other systems, which limits the division's ability to assist customers because it cannot easily make routine changes to the system. Support for the programming language is limited and many of the divisions' programmers are retiring, or pursuing other interests, making the system difficult to maintain. The division also says that the current computer system mainframe is nearing its projected end of life. The existing contract with the software vendor expires in July 2014, at which time the system maintenance costs are expected to increase.

CDLE says that the cost and risk of maintaining the current platform that hosts the claims system rises as other agencies move to different operating systems. In addition to CDLE, the GGCC also hosts the Department of Revenue and State Patrol. However, the Department of Human Services recently modernized their system and left the GGCC mainframe in order to provide better customer service and avoid the increased cost of service at the completion of a 2014 contract. The department says the functionality of the state platform is negatively effected by a reduction in shared use, which ultimately jeopardizes the divisions' mission of ensuring enforcement of the Workers' Compensation Act.

**Project alternatives.** The division has the option to keep the current system, attempt to secure a new request for pricing with a vendor, or evaluate a commercial off-the-shelf application for the system. The department says each of these alternatives has greater risk than modernizing the existing system with the chosen vendor.

#### PROGRAM INFORMATION

Colorado regulates the benefits provided to workers injured in the line of work pursuant to the Workers' Compensation Act of Colorado. The division's claims system provides on-demand electronic information for reported workers' compensation claims in Colorado. The system provides information for claimant, insurer, employer, attorney, and governing staff inquiries. In addition, the system also has an archived history of all claims submitted to the division. The division provides the funding for any support and maintenance of the current system. The division currently oversees 115,000 claims.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Step 1	October 2014	January 2015
Step 2	January 2015	August 2015
Step 3	August 2015	February 2017

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding LEED certification because it is an information technology project and does not involve the renovation, design, or construction of a physical facility.

# Fiscal Year 2014-15 Capital Construction Request

## Labor and Employment

### *Workers' Compensation Mainframe Migration and Modernization Project*

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#### SOURCE OF CASH FUNDS

The source of cash funds for the project is the Workers' Compensation Cash Fund administered pursuant to Section 8-44-112, C.R.S., with no anticipated fee or surcharge rate increase. The fund accrues revenue from a surcharge of the workers' compensation insurance premiums. The year-end balance of the fund in FY 2012-13 was \$23,291,023.

#### OPERATING BUDGET

This project has no impact on state operating costs.

#### STAFF QUESTIONS AND ISSUES

All responses to staff questions have been incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Military and Veterans Affairs

### *Veterans Memorial Cemetery Expansion*

#### PROGRAM PLAN STATUS

2015-029

Approved Program Plan?  Yes  No

Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
OSP/B	8 of 42	Recommended for funding.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$4,564,922	\$0	\$0	\$4,564,922
<b>Total</b>	<b>\$0</b>	<b>\$4,564,922</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,564,922</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$555,383	\$0	\$0	\$555,383
Construction	\$0	\$3,386,137	\$0	\$0	\$3,386,137
Equipment	\$0	\$229,250	\$0	\$0	\$229,250
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$394,152	\$0	\$0	\$394,152
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$4,564,922</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,564,922</b>

#### PROJECT STATUS

This is a new, never-before requested project.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Military and Veterans Affairs (DMVA) is requesting state funds to expand and improve the Veterans Memorial Cemetery in Grand Junction to meet future interment needs. The project constructs 1,827 GSF in additions to the administrative building and the west shop. The project also constructs:

- 672 above-ground niches (e.g., spaces for holding cremated remains);
- 1,650 double burial vaults; and
- 985 single burial vaults.

The land for build-out of the site is owned and occupied by the cemetery. The cemetery is arranged in a loop with different types of burial sites spaced along the loop. The additional burial sites will be spaced intermittently along the existing loop. Attachment A shows the proposed build-out of the additional burial sites. The main building is located at the entrance to the loop. Additions to main buildings will add adequate administrative, maintenance, and storage space. The project also adds a restroom and a shower in the west shop. The project makes one-time equipment purchase upgrades, including riding mowers, utility vehicles, and irrigation system components. In addition, the

# Fiscal Year 2014-15 Capital Construction Request

## Military and Veterans Affairs

### *Veterans Memorial Cemetery Expansion*

project renovates existing roads and water systems to address site maintenance needs.

#### PROJECT JUSTIFICATION

The cemetery is nearing capacity for interments. A build-out of the site is needed in order to raise the capacity to meet projected future needs. According to the department, the proposed cemetery expansion will allow it to meet the needs of veterans and their families for the next ten years.

The state receives federal reimbursement for eligible veteran burials. However, federal moneys can only be used to maintain the cemetery, not expand it, says DMVA. Some improvements have been made to the cemetery using one time veterans trust fund moneys. According to the department, long-term interment capacity cannot be met within current funding, which negatively impacts the capacity for veteran burials.

**Project alternatives.** The department has the option to build out the four existing columbaria to increase the interment capacity. The columbaria space, or structures for cremation urns, will reach full capacity in six years, says DMVA. A phased build out approach could also be used to address demand for burial sites. The department considers both of these options short term solutions.

#### PROGRAM INFORMATION

The Veterans Memorial Cemetery opened in September 2002. It is Colorado's only state veterans' cemetery. The Veterans Memorial Cemetery serves the veterans and families of the Western Slope. Two federal cemeteries are located on the Front Range.

As of September 2013, 2,627 individuals have been interred at the cemetery. This includes 1,964 veterans and 663 eligible family members. The cemetery has interred an average of 230 individuals per year for the past ten years.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design		
Construction	September 2014	September 2015
Equipment		
Occupancy		

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent of the value of the property.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

The department says it will seek one additional FTE for cemetery maintenance to support the request, noting that maintenance costs at the cemetery will increase even if the project is not funded because it cannot support the

# Fiscal Year 2014-15 Capital Construction Request

## Military and Veterans Affairs

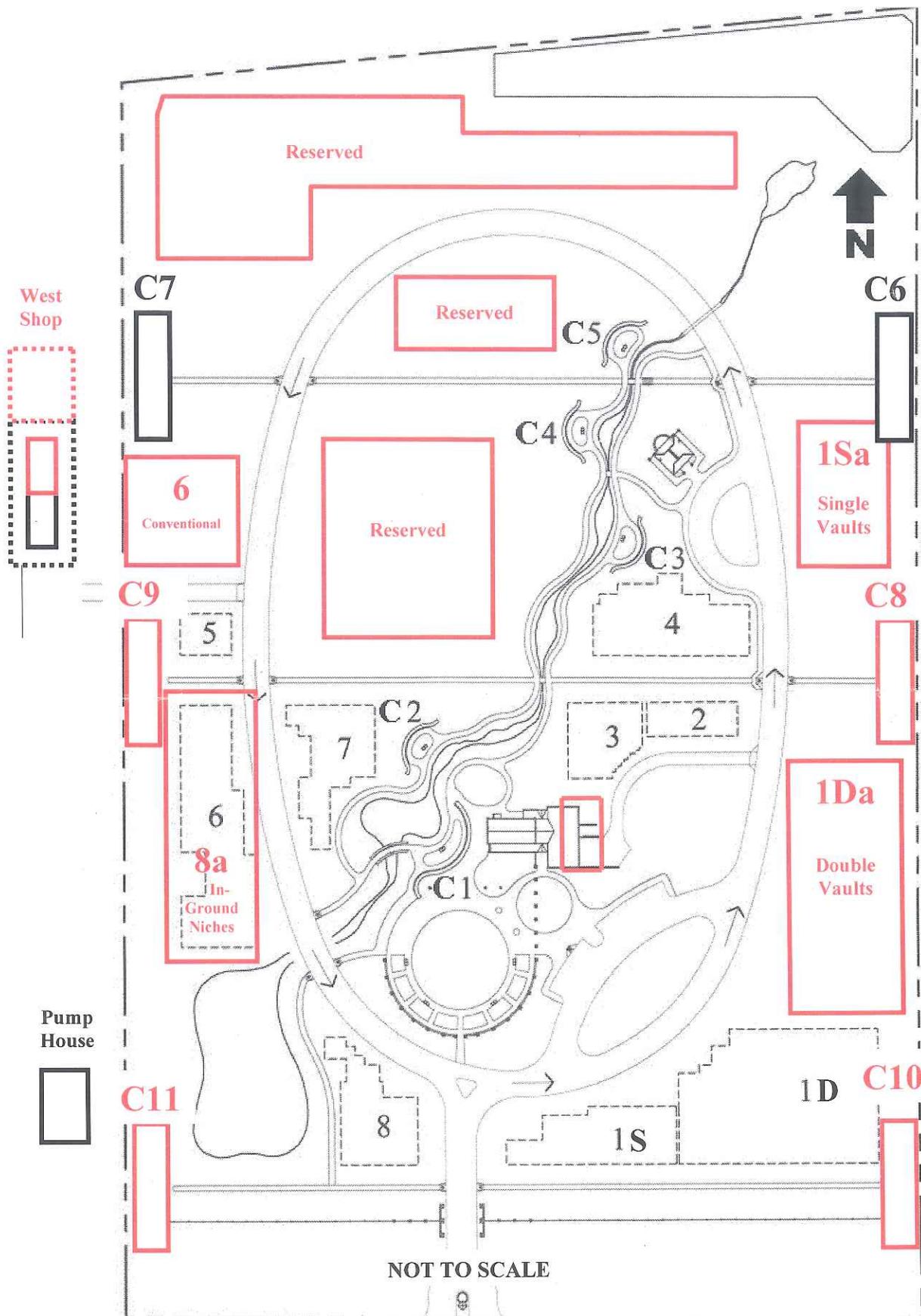
*Veterans Memorial Cemetery Expansion*

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### STAFF QUESTIONS AND ISSUES

All responses to staff questions have been incorporated into the project write-up.

# Veterans Memorial Cemetery of Western Colorado



Existing Interment Areas in Black: 1S - Single Vaults (30" W x 86" L x 25" D); 1D - Double Vaults (30" W x 86" L x 54" D); 2, 3 & 4 - Memorial Garden Plots; 5, 6 & 7 - Conventional Gravesites (6' W x 10' L); 8 - In-Ground Niches (3' W x 3' L).

Proposed Build-Out Areas in Red

**Department of Military and Veterans Affairs**  
**Five-Year Projection of Need**  
**FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Veterans Memorial Cemetery Expansion	CCF	\$4,564,922	\$0	\$0	\$0	\$0	\$4,564,922
	CF	0	0	0	0	0	\$0
<i>Out Year Request(s)</i>							
Fort Lupton Readiness Center Buildout	CCF	0	2,017,956	0	0	0	\$2,017,956
	CF	0	0	0	0	0	\$0
JFHQ Land Acquisition	CCF	0	1,200,000	0	0	0	\$1,200,000
	CF	0	0	0	0	0	\$0
Northern Colorado Land Acquisition	CCF	0	4,000,000	0	0	0	\$4,000,000
	CF	0	0	0	0	0	\$0
<i>Total: State Funds</i>		4,564,922	7,217,956	0	0	0	\$11,782,878
<b>Grand Total</b>		<b>\$4,564,922</b>	<b>\$7,217,956</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,782,878</b>

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

*Land and Water Acquisitions, Wildlife Areas*

### PROGRAM PLAN STATUS

1995-042

Approved Program Plan?  Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	1 of 5
OSP/B	N/A of 42

Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CF	\$33,000,000	\$11,300,000	\$11,300,000	\$33,900,000	\$89,500,000
CFE	\$33,500,000	\$0	\$0	\$0	\$33,500,000
<b>Total</b>	\$66,500,000	<b>\$11,300,000</b>	\$11,300,000	\$33,900,000	\$123,000,000

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$60,500,000	\$11,300,000	\$11,300,000	\$33,900,000	\$117,000,000
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$6,000,000	\$0	\$0	\$0	\$6,000,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$66,500,000	<b>\$11,300,000</b>	\$11,300,000	\$33,900,000	\$123,000,000

### PROJECT STATUS

This is an ongoing request. Cash funds spending authority has been granted for the project each year since FY 1994-95, except for FY 2000-01 and FY 2001-02. In FY 2012-13 and FY 2013-14, CPW closed on the following nine properties as of June 30, 2013:

- Tuttle Ranch Perpetual Conservation Easement (\$4,243,680 for 15,076 acres);
- Wolf Mountain Ranch SHA - Phase 5 (\$8,722,935 for 8,658 acres);
- Matheson Ranch Perpetual Conservation and Hunting Access Easements (\$1,111,000 for 1,204 acres);
- Sundown Farm Perpetual Conservation Easement (1,180 acres);
- Sikes Ranch Perpetual Conservation Easement (\$954,758 for 7,061 acres)
- Marsh Perpetual Conservation Easement (733 acres);
- Bar XY Ranch Perpetual Conservation Easement (\$931,600 for 720 acres);
- Westbank Boat Ramp Fee Title Acquisition (\$200,000 for 1 acre); and
- Campbell Ranch Perpetual Public Access Easement (\$0 for 660 acres).

**Annual expenditures report.** In accordance with Section 24-30-1303, C.R.S., CPW submitted its annual report of capital project expenditures to the committee on September 16, 2013. This report addresses all spending during FY 2012-13 and spans several fiscal year appropriations. The report is included in the Department of Natural

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### *Land and Water Acquisitions, Wildlife Areas*

Resources section of the FY 2014-15 requests binder.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Colorado Parks and Wildlife (CPW), is requesting cash funds spending authority to acquire interests in real property through a competitive bidding process. The purpose of the ongoing request is to protect, enhance, and restore critical habitat to ensure the survival and stability of a variety of wildlife species, and to secure public access to wildlife. The request also allows CPW to option land and water in order to hold property until it can be acquired through the statutorily authorized process or through a separate bill. Under Parks and Wildlife Commission policy, the purchase of easements is preferred over fee title purchases when CPW acquires land.

Priorities for acquiring interest in property are guided by CPW's Strategic Plan and its Real Estate Plan. CPW indicates that priorities for the request include acquiring sagebrush habitat, critical deer and elk winter range and migration corridors, wetlands, riparian lands, and habitat to protect species that are threatened and endangered or species of special concern. Specific acquisitions have not yet been identified.

CPW invites property owners to submit proposals through a request for proposals (RFP) process to convey property to CPW. CPW identifies the locations and types of properties in which it is interested. Proposals are then reviewed by the Habitat Stamp Committee if these proposals involve the use of Habitat Stamp funds. The Parks and Wildlife Commission reviews the proposals and decides which proposals should be pursued. Before entering into a contract for purchases costing more than \$100,000 or exceeding 25 years in duration, the Parks and Wildlife Commission is statutorily required to present the proposal to the Capital Development Committee (CDC) for its review and comment. The Parks and Wildlife Commission may not complete the transaction without considering the recommendations of the CDC, as long as the CDC comments within 30 days of receiving the proposal.

**Request to waive six-month encumbrance deadline.** This project includes a request to waive the six-month encumbrance deadline. CPW explains that the request for proposal (RFP) process includes legislative and commission approvals that cannot be easily obtained within six months. This waiver is required for fee title acquisitions only.

#### PROJECT JUSTIFICATION

CPW says changes in Colorado's demographics and population growth, with associated impacts caused by development, have and will continue to present the division with difficult challenges in managing wildlife and wildlife habitats. Growth in energy exploration and development has added to these challenges. Protecting, enhancing, and restoring critical habitats for a variety of wildlife species are important strategies to ensure that wildlife populations survive and remain stable, says CPW. It also says that protecting, enhancing, and restoring wildlife habitat will ultimately allow the agency to provide quality recreational opportunities to the public, such as watching wildlife, hunting, and fishing. Specific goals associated with this request include:

- minimizing listings under the federal Endangered Species Act; and
- ensuring that game species meet specific population targets.

**Project alternatives.** CPW lists the following alternatives to the project:

- (1) Eliminate funding for the project. According to CPW, the long-term failure to acquire properties and protect wildlife habitats may result in the decline of game, non-game, and endangered species in the state. Decline of species could have an impact on tourism and the economic benefits of hunting and fishing. CPW says if additional species are listed under the federal Endangered Species Act, it may result in more restrictive land and water use policies; and
- (2) Acquire property through other means. Habitat can be protected, enhanced, or restored through operating leases, management agreements, and landowner incentive programs, all of which CPW says it uses. In some cases, these alternatives are not as cost-effective as acquiring a permanent easement or fee title to a property. The CPW also notes that property can be acquired through special legislation, but this can result in delays that

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### *Land and Water Acquisitions, Wildlife Areas*

significantly impact CPW's ability to negotiate a purchase.

#### PROGRAM INFORMATION

CPW seeks to acquire land to protect, preserve, and restore critical habitats for wildlife species. For wildlife purposes, as of July 1, 2013, the division controls a total of 398,651 acres by fee title, 192,562 acres by perpetual conservation easement, 91,389 acres by perpetual public access easement, 190,317 acres by third-party perpetual conservation easement, and 196,416 acres by leasehold interests. In addition, the division leases 481,630 acres from the State Land Board for hunting and fishing access. These figures do not reflect areas operated as state parks.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Planning	July 2013 - June 2015	The completion of land and water transactions will vary depending on the outcome of the negotiations for each individual parcel.
Acquisition	July 2014 - June 2017	

#### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

#### SOURCE OF CASH FUNDS

The source of cash funds for the project is the Wildlife Cash Fund, created in Section 33-1-112 (1)(a), C.R.S. Revenues accrue to the fund through the sale of licenses, including hunting and fishing licenses and Habitat Stamps. The current fee for this stamp is \$10. The fund balance at the end of FY 2012-13 was \$10.9 million, and the fund is projected to have the same balance at the end of FY 2013-14. As of June 30, 2013, CPW has collected a total of \$41.6 million in Habitat Stamp sales since its inception, and the balance from this funding source was \$7.0 million at the close of the fiscal year. The division notes that the Wildlife Cash Fund balance has been on the decline, and it will be working with stakeholders, including the General Assembly, to bolster the fund's balance. The division also has statutory authority to receive and expend grants, gifts, and bequests, including federal funds, for authorized purposes pursuant to Section 33-10-107 (1)(e), C.R.S. Should federal funds become available for the project, they will be used to offset the use of the appropriated cash funds, not to increase the overall project cost. The division says this will allow it to make the most efficient use of available funding, streamline administrative contract management, and preserve cash funds.

#### OPERATING BUDGET

Since properties to be obtained under this line item have not yet been identified, CPW says quantifying operating impacts is impossible. The division says any significant additional operating impacts will be addressed through its operating budget request. The division notes that it usually absorbs minor operating expenses, and no decision item related to increased operating costs associated with land and water acquisitions has been submitted in recent history.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

*Land and Water Acquisitions, Wildlife Areas*

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### STAFF QUESTIONS AND ISSUES

1. Why has the request under this line item increased from \$6.5 million to \$11.3 million?

*Former Division of Wildlife requests did not reflect non-appropriated funds. Since the merger of Parks and Wildlife, CPW has applied consistency in reporting these requests to ensure accuracy and transparency.*

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### *Park Infrastructure and Facilities*

#### PROGRAM PLAN STATUS

2011-023

Approved Program Plan?

Date Approved:

#### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              2 of 5

OSP/B                  N/A of 42              Recommended for funding from cash sources.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$43,836,448	\$10,713,244	\$17,804,687	\$53,414,061	\$125,768,440
FF	\$10,783,337	\$1,919,000	\$685,313	\$2,055,939	\$15,443,589
HUTF	\$600,000	\$0	\$0	\$0	\$600,000
<b>Total</b>	<b>\$55,219,785</b>	<b>\$12,632,244</b>	<b>\$18,490,000</b>	<b>\$55,470,000</b>	<b>\$141,812,029</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$8,786,369	\$2,492,512	\$2,350,000	\$21,900,000	\$35,528,881
Construction	\$42,427,053	\$10,013,848	\$14,850,000	\$29,700,000	\$96,990,901
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$4,006,363	\$125,884	\$1,290,000	\$3,870,000	\$9,292,247
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$55,219,785</b>	<b>\$12,632,244</b>	<b>\$18,490,000</b>	<b>\$55,470,000</b>	<b>\$141,812,029</b>

#### PROJECT STATUS

This is an ongoing request. Cash funds spending authority has been granted for the project each year for the last four years. An update on the status of projects funded under this line item for the past three years is available upon request from Legislative Council Staff.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Colorado Parks and Wildlife (CPW), is requesting cash and federal funds spending authority to maintain, restore, and improve its park facilities and infrastructure. The project supports the following CPW objectives:

- maintaining a system of parks across the state that offers diverse outdoor recreation opportunities, protects high quality landscapes for current and future generations, and fosters resource education; and
- ensuring Colorado state parks remain affordable, providing excellent customer service, and providing safe, high-quality park facilities.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### *Park Infrastructure and Facilities*

The projects included in this request have been divided into the following categories:

**Roads.** The division is requesting funds to repair 3.6 miles of roadway, and to resurface parking lots at Chatfield State Park (\$1,211,248).

**Infrastructure.** The division is requesting \$10,420,996 for 14 infrastructure projects, including:

- repairing a mooring system for the marina at Navajo State Park (\$229,900);
- refurbishing the water system at Navajo State Park (\$3,180,000);
- repairing a roof and completing seasonal housing at Steamboat State Park (\$328,772);
- stabilizing the Fruita Trail and river bank in Colorado River State Park (\$409,500);
- performing landscaping, revegetation, and irrigation system installation in Rifle Gap State Park (\$199,500);
- replacing a boat ramp at Yampa State Park (\$212,872);
- replacing four vault toilets at State Forest State Park (\$264,600);
- constructing a maintenance and operation facility at Elkhead State Park (\$544,348);
- constructing shelters at 15 drive-in campsites on Steamboat State Park's Bridge Island (\$198,450);
- constructing shade shelters at Yampa State Park (\$296,504);
- replacing 12 buildings in 2 campgrounds at Lake Pueblo State Park (\$2,100,000);
- upgrading the electrical utilities at Lake Pueblo State Park (\$1,500,000);
- upgrading a portion of the irrigation system at John Martin State Park (\$183,750); and
- rebuilding the campground and picnic facilities at Arkansas Headwaters State Park (\$772,800).

**Small projects.** The division is requesting funds for other miscellaneous and unanticipated repair, improvement, and construction projects that typically cost between \$50,000 and \$150,000 to address emergency and emergent maintenance issues such as making small repairs or renovations to meet health, safety, and accessibility standards (\$1,000,000).

## PROJECT JUSTIFICATION

The project addresses the division's park infrastructure needs statewide. The division owns and maintains more than 950 individual structures at 42 state parks, many of which are heavily used and require repair or replacement. It also maintains about 185 miles of paved roads at state parks. The division says it 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. According to CPW, components of its system are over 50 years old and in need of ongoing repair, renovation, and replacement. Furthermore, CPW says that it needs to add new and diverse features to the existing system in order to improve the aesthetic appeal of many state parks and to increase visitation. CPW says it depends on the revenue earned from visitors to pay its operating expenses. The projects included in this request will address the following:

- degraded roads posing traffic problems and safety issues, as well as erosion, vehicle damage, and other associated issues;
- lack of a potable source of water at a state park;
- potential loss of the use of a mooring system at a marina, with associated revenue implications;
- deteriorating housing for seasonal workers, driving up repair costs and making it hard to attract such workers;
- destabilized trails and river banks;
- potential electrical hazards;
- failing park amenities, which may result in reduced park visits;
- a failing irrigation system;
- potential loss of equipment due to weathering or vandalism; and
- regulatory compliance, including ADA compliance and agreements with the federal government.

## PROGRAM INFORMATION

See Project Description / Scope of Work section.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### *Park Infrastructure and Facilities*

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#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	Varies
Construction	July 2014	Varies

The department explains that the time frame for completion of each project under this line item is dependent on factors such as physical location, weather, and length of construction season.

#### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

#### SOURCE OF CASH FUNDS

The sources of cash funds for the projects are lottery funds (\$5,860,642) and Great Outdoors Colorado (GOCO) funds (\$4,852,602), as authorized by Article XXVII of the Colorado Constitution; and federal funds (\$1,919,000).

#### OPERATING BUDGET

The division says the road project will reduce operating costs associated with fixing and patching roads, while the infrastructure and small projects have no impact on state operating costs.

#### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

*Infrastructure and Real Property Maintenance, Wildlife Areas*

### PROGRAM PLAN STATUS

2011-026

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              3 of 5

OSP/B                  N/A of 42              Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$3,453,457	\$900,000	\$600,000	\$1,800,000	\$6,753,457
<b>Total</b>	<b>\$3,453,457</b>	<b>\$900,000</b>	<b>\$600,000</b>	<b>\$1,800,000</b>	<b>\$6,753,457</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$874,415	\$0	\$0	\$0	\$874,415
Construction	\$2,378,047	\$900,000	\$600,000	\$1,800,000	\$5,678,047
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$200,995	\$0	\$0	\$0	\$200,995
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$3,453,457</b>	<b>\$900,000</b>	<b>\$600,000</b>	<b>\$1,800,000</b>	<b>\$6,753,457</b>

### PROJECT STATUS

This is an ongoing request. Cash funds spending authority has been granted for the project each year for the last four years. In FY 2013-14, this line item was appropriated \$300,000.

**Annual expenditures report.** In accordance with Section 24-30-1303, C.R.S., CPW submitted its annual report of capital project expenditures to the committee on September 16, 2013. This report addresses all spending during FY 2012-13 and spans several fiscal year appropriations. The division has expended \$1,115,046 of \$1,966,422 appropriated during the reporting period, or 56.7 percent for this line item. The full report is appended to the CPW section of the FY 2014-15 requests binder.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Colorado Parks and Wildlife (CPW), is requesting cash funds spending authority to address projects that improve or replace existing facilities statewide, and for improvements that are not continual and thus are not included in the division's controlled maintenance program. Examples of projects funded include: maintaining division-owned dams, roads and bridges, fish hatchery infrastructure, irrigation infrastructure, and other division-owned assets. Projects are prioritized each year and funded based on available moneys.

This year's request will commit \$600,000 to fund dam maintenance activities statewide, and \$300,000 to address

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### Infrastructure and Real Property Maintenance, Wildlife Areas

unanticipated emergency repairs that may arise. These activities include removing growth from dams, funding seepage monitoring equipment, minor repairs, video inspections of dam conduits, and construction to maintain facilities. The request represents a one-time increase of \$300,000 to fund dam maintenance that was deferred in FY 2013-14 to address an emergency at the Two Buttes Reservoir in southeastern Colorado. Based on the findings of the State Engineer, CPW exhausted its FY 2013-14 dam maintenance funding correcting the emergency in August 2013. The one-time funding increase will allow the division to complete the dam maintenance scheduled, but not completed, in FY 2013-14.

#### PROJECT JUSTIFICATION

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. The division also emphasizes that delays in funding these projects could result in further deterioration and increased safety hazards. Specifically, the failure to repair or improve dams may necessitate lower water storage levels. Lower water levels could impact the fisheries and recreational opportunities at the reservoirs. Those structures determined to be dangerous may be required to be drained and the dam breached, which would lead to a loss of key fisheries, wildlife, and aquatic habitat. Further, breaching a dam is often more expensive than maintaining it. CPW notes that maintaining dams will help to avoid more costly repairs in the future.

The division explains that habitat improvement projects are needed not only to meet customer expectations, but new properties purchased for recreational access may not be fully operational or publicly accessible without habitat improvements. Failure to fund these projects may lead to a loss in property value and reduced hunting and fishing recreation, which CPW says would not only reduce revenues, but may impact state and local economic tourism benefits associated with these activities. Hunting and fishing activities provide a total economic impact to the state of approximately \$1.8 billion and wildlife viewing an additional \$1.2 billion impact, according to a September 26, 2008, report published by BBC Research and Consulting.

#### PROGRAM INFORMATION

According to the division, the projects included in this request are selected based on the nature of the work, the impact of delaying the work or not repairing the structure, and how the project aligns with the division's long-term strategic objectives. The division also considers whether the project will affect an existing facility and whether the work is ongoing and better suited to its controlled maintenance program. This year's request funds maintenance of the 104 dams managed by the division. The division notes that most of the dams it owns are 50 years old and several are over 100 years old. Inspections are performed yearly on high-hazard dams and every three years on significant-hazard dams.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	Varies
Construction	May 2015	Varies

The department explains that the time frame for completion of each project under this line item is dependent on factors such as physical location, weather, and length of construction season.

#### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

*Infrastructure and Real Property Maintenance, Wildlife Areas*

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### SOURCE OF CASH FUNDS

The source of cash funds for the project is the Wildlife Cash Fund, created in Section 33-1-112 (1)(a), C.R.S. Revenues accrue to the fund through the sale of licenses, including hunting and fishing licenses and Habitat Stamps. The fund balance at the end of FY 2012-13 was \$10.9 million, and the fund is projected to have the same balance at the end of FY 2013-14. The division notes that the Wildlife Cash Fund balance has been on the decline, and it will be working with stakeholders, including the General Assembly, to bolster the fund's balance. The division has statutory authority to receive and expend grants, gifts, and bequests, including federal funds, for authorized purposes pursuant to Section 33-10-107 (1)(e), C.R.S. Should federal funds become available for the project, they will be used to offset the use of the appropriated cash funds, not to increase the overall project cost. The division says this will allow it to make the most efficient use of available funding, streamline administrative contract management, and preserve cash funds.

### OPERATING BUDGET

This project has no impact on state operating costs.

### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

*Land and Water Acquisitions, State Parks*

### PROGRAM PLAN STATUS

2011-024

Approved Program Plan?

N/A

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              4 of 5

OSP/B                  N/A of 42              Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$6,800,000	\$950,000	\$950,000	\$2,850,000	\$11,550,000
<b>Total</b>	<b>\$6,800,000</b>	<b>\$950,000</b>	<b>\$950,000</b>	<b>\$2,850,000</b>	<b>\$11,550,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$6,800,000	\$950,000	\$950,000	\$2,850,000	\$11,550,000
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$6,800,000</b>	<b>\$950,000</b>	<b>\$950,000</b>	<b>\$2,850,000</b>	<b>\$11,550,000</b>

### PROJECT STATUS

This is an ongoing request. Cash funds spending authority has been granted for the project each year for the last 4 years. See Program Information for details about recent acquisitions.

**Annual expenditures report.** In accordance with Section 24-30-1303, C.R.S., CPW submitted its annual report of capital project expenditures to the committee on September 16, 2013. This report addresses all spending during FY 2012-13 and spans several fiscal year appropriations. The division has expended \$151,967 of \$2,450,000 appropriated during the reporting period, or 6.2 percent for this line item. The full report is appended to the CPW section of the FY 2014-15 requests binder.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Colorado Parks and Wildlife (CPW), is requesting cash funds spending authority to purchase lands adjacent to state parks to provide a buffer between park lands and new development, and to acquire water for recreational purposes at various state parks. The FY 2014-15 request addresses acquisitions for two programs: the Water Resources Program and the Property Acquisitions Program. The division is not requesting funding for the New Park Acquisition Program for FY 2014-15, which falls under this line item.

**Water Resources Program.** The Water Resources Program addresses water management plans at 43 state parks.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### *Land and Water Acquisitions, State Parks*

The division acquires water through conventional water purchases, water options and leases, cooperative agreements, and the lease or purchase of storage space in reservoirs. CPW is requesting \$600,000 for the Water Resources Program for FY 2014-15, including \$240,000 in lottery funds and \$360,000 in Great Outdoors Colorado (GOCO) funds. The spending priorities for these moneys were identified and ranked according to park users' demand for water-dependent recreation, cost effectiveness, and revenue impact. CPW has identified the following water acquisition priorities for FY 2014-15, listed by state park (dollar amounts based on market value or prior year price):

- Arkansas Headwater – 500 acre-feet (AF) for \$80,000 to \$330,000;
- John Martin – 2,000 AF for \$100,000 to \$500,000;
- Cherry Creek – 500 AF for \$25,000 to \$2,000,000;
- North Sterling – 2.5 AF for \$1,400 to \$2,000;
- Rifle Gap – 4 AF for \$1,700 to \$3,000;
- Trinidad – \$2,000 to \$6,000 to the Purgatory River Water Conservancy District for annual reservoir construction cost repayment; and
- Other parks as needed – \$50,000 to lease or purchase a volume of water to be determined.

**Property Acquisitions Program.** The Property Acquisitions Program allows CPW to identify and acquire lands of critical resource value that buffer state parks from residential and commercial development. CPW is requesting \$350,000 in GOCO funds for the Property Acquisitions Program in FY 2014-15. According to the division, it evaluates properties adjacent to existing state parks as they become available for sale or easement based on cost, property value, zoning, and the availability of matching funds.

### PROJECT JUSTIFICATION

CPW says that it engages in an ongoing, annual effort to acquire water for recreational purposes at certain parks. The division says it is essential to keep sufficient water for recreational purposes in order to meet the demand of park visitors. According to CPW, about 75 percent of state parks have either a reservoir or river as their feature attraction. CPW maintains there is a direct link between adequate water levels for recreation and the amount of revenue earned from park visitors, making maintenance of water levels a high priority for the division. The division says that if it does not address water needs on an ongoing basis, then the water levels in state-managed reservoirs and streams may drop significantly and water quality may be degraded, which would negatively impact wildlife habitat, recreational experiences, and CPW revenues.

CPW explains that it is necessary to purchase land adjacent to existing park property in order to create a buffer between park lands and new development, and to protect wildlife habitat. According to the division, many state parks were purchased with the funds available, which resulted in an incomplete land base that is insufficient for resource protection. The division says population growth experienced by Colorado over the past ten years, combined with projected state population growth of 15 percent by 2020, makes buffer acquisitions critical to maintaining the outdoor recreation infrastructure necessary to serve the citizenry. The division also says that if this project is not funded it could result in damage to wildlife habitat and a decrease in revenue earned from park visitors.

### PROGRAM INFORMATION

CPW has maintained an active Property Acquisition Program since the 1980s. The following properties have been purchased from this line item over the past three years:

- Goodwin Property (\$583,100) – Roxborough State Park – 2011;
- River Rim Estates, 2 tracts (\$35,000) – Arkansas Headwaters Recreation Area – 2010; and
- Southdowns Property Lot (\$6,000) – Roxborough State Park – 2010.

The Water Resources Program was established in 1984 to provide a means to protect water levels at Cherry Creek Reservoir. Since then, the program has grown to include water management plans for 42 state parks. In addition to acquiring water through leases under the program, the division also pursues permanent water right purchases to augment water levels in state parks.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

*Land and Water Acquisitions, State Parks*

### PROJECT SCHEDULE

	Start Date	Completion Date
Search for Properties	July 2014	June 2015
Appraisals, Environmental Reviews, Close Sale	July 2014	June 2016
Purchase Water Rights	July 2014	June 2017

### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

### SOURCE OF CASH FUNDS

The source of cash funds is \$240,000 from lottery funds and \$710,000 from GOCO moneys, as authorized by Article XXVII of the Colorado Constitution. The division has statutory authority to receive and expend grants, gifts, and bequests, including federal funds, for authorized purposes pursuant to Section 33-10-107 (1)(e), C.R.S. Should federal funds become available for the project, they will be used to offset the use of the appropriated cash funds, not to increase the overall project cost. The division says this will allow it to make the most efficient use of available funding, streamline administrative contract management, and preserve cash funds.

### OPERATING BUDGET

This project has no impact on state operating costs.

### STAFF QUESTIONS AND ISSUES

1. Have any properties been identified for possible purchase under the Property Acquisition Program? If so, please list them.

Each of the four CPW Regions maintain a priority list of potential land acquisitions. However, in an effort to protect the confidentiality of the landowners, only general geographic locations are identified below as opposed to specific parcels:

- Properties adjacent to the Arkansas River that could provide additional public recreational opportunities for visitors to the Arkansas Headwaters Recreation Area in Lake and Chaffee Counties;
- Properties adjacent to the Colorado River that could provide additional public recreational opportunities for visitors to the James M. Robb State Park in Mesa County;
- Properties adjacent to the Yampa River that could provide additional public recreational opportunities for visitors to the Yampa River State Park in Moffat and Routt Counties; and
- Key private in-holdings within Staunton State Park in Jefferson and Park Counties, Roxborough State Park in Douglas County, and St. Vrain State Park in Weld County.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### New Park Development

#### PROGRAM PLAN STATUS

2011-027

Approved Program Plan?

Date Approved:

#### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              5 of 5

OSP/B                  N/A of 42              Recommended for funding from cash sources.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$5,800,000	\$5,261,054	\$0	\$6,700,000	\$17,761,054
<b>Total</b>	<b>\$5,800,000</b>	<b>\$5,261,054</b>	<b>\$0</b>	<b>\$6,700,000</b>	<b>\$17,761,054</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$6,700,000	\$6,700,000
Professional Services	\$605,000	\$675,230	\$0	\$0	\$1,280,230
Construction	\$4,670,000	\$4,128,246	\$0	\$0	\$8,798,246
Equipment	\$0	\$194,525	\$0	\$0	\$194,525
Miscellaneous	\$265,000	\$0	\$0	\$0	\$265,000
Contingency	\$260,000	\$263,053	\$0	\$0	\$523,053
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$5,800,000</b>	<b>\$5,261,054</b>	<b>\$0</b>	<b>\$6,700,000</b>	<b>\$17,761,054</b>

#### PROJECT STATUS

This is an ongoing request for the development of parks.

In FY 2010-11, the Division of Parks and Outdoor Recreation (now part of CPW) received \$5.5 million in cash funds spending authority for new park development at Staunton, and in FY 2011-12 it received \$300,000 cash funds spending authority for the park under this line item. These moneys were used to initiate the park's infrastructure development under the park's master plan.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Natural Resources, Colorado of Parks and Wildlife (CPW), is requesting cash funds spending authority as part of an ongoing program aimed at developing new state parks. This year's request continues the development of Staunton State Park. Specifically, this year's request will fund the park's Phase II development, installation of visitor amenities at the Davis Ponds, and construction of the Staunton Service Center. These developments are described below.

**Phase II development.** The Staunton State Park Master Plan calls for development of the park in four phases, incorporating into the park a variety of hiking, mountain biking, and equestrian trails; about 100 campsites; and potentially 10 to 20 sleeper cabins and yurts. This year's request for Phase II will:

## Fiscal Year 2014-15 Capital Construction Request

### Natural Resources — Parks and Wildlife

#### *New Park Development*

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- construct a primary maintenance facility for the park;
- install 2 miles of multi-use trails and 3.5 miles of non-motorized hiking trails;
- construct 28 walk-in campsites;
- renovate the Chase Cabin;
- construct group picnic sites;
- construct viewing stands and a deck; and
- make improvements to utility and road infrastructure.

Estimated cost: \$3,237,670

**Visitor amenities at Davis Ponds.** Davis Ponds are less than one mile from the main parking area and provide fishing and family gathering opportunities. The dam for the ponds is currently being reconstructed. Once the dam project is complete, this project will construct a trail to the ponds, install a fishing pier, and construct a picnic shelter.

Estimated cost: \$218,955

**Staunton Service Center.** The 5,840-GSF service center will serve a number of purposes. First, it will serve as a visitor center and gateway to the park, providing informational, educational, and interpretive services to visitors. Second, it will provide office space for the park manager and other staff administering and operating the park. Third, the center will house a CPW area office, replacing an office currently located in nearby Conifer. General CPW customer service functions are conducted at area offices. The service center will also serve as the place for acquiring camping permits in Staunton State Park, and a small retail space may be installed in the service center in the future. Finally, the service center will contain classrooms and a meeting space, allowing for the community to use it as a gathering place for functions.

Estimated cost: \$1,804,429

### PROJECT JUSTIFICATION

Opening new parks addresses one of CPW's top six objectives: to provide and promote a variety of outdoor recreation in the state. Specific justification for this year's request follows.

**Phase II development.** CPW says the Phase II improvements will enhance the required infrastructure for the park's day use and complete the work necessary for the additional amenities associated with overnight camping. The maintenance facility will provide an area for park staff to perform minor routine maintenance on small equipment, and a secure space to house vehicles and equipment.

**Visitor amenities at Davis Ponds.** The trail and fishing pier will protect natural resources around the ponds and promote visitor safety, according to the division. The picnic shelter will protect visitors from inclement weather and enhance the visitor experience.

**Staunton Service Center.** In addition to being the welcome center for the park, the multi-use facility will serve as a revenue source for CPW, since park passes, boat registrations, recreational vehicle registrations, hunting licenses, and fishing licenses will be sold there. The area office function at the service center replaces an area office in Conifer, which the division says has poor quality space for that function and is inappropriately sited in a residential neighborhood with a homeowner's association that does not allow businesses to operate in it. The Conifer building will be repurposed as storage and seasonal staff housing.

The division says that not funding the project will result in park revenue leveling off with a corresponding reduction in revenue due to reduced services, and opportunities to educate the public about the natural resources and programs in Staunton State Park would be minimized. In addition, the division would continue to operate an area office in violation of the terms of a homeowner's association.

# Fiscal Year 2014-15 Capital Construction Request

## Natural Resources — Parks and Wildlife

### *New Park Development*

#### PROGRAM INFORMATION

Staunton State Park is located just west of U.S. Highway 285 and Shaffer's Crossing. Staunton State Park opened as the 42nd state park in the Colorado State Park system in May 2013. By September 1, the park had already hosted 72,000 visitors. The park property was initially acquired in 1986 as a donation to the state by Frances Staunton of Denver. CPW says the park contains many spectacular natural features, including rugged rock outcroppings, grassy meadows, hillsides forested with conifers and aspens, numerous streams, and a waterfall. The park supports numerous activities including hiking, mountain biking, horseback riding, rock climbing, wildlife

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	March 2015
Construction and Equipment	March 2016	June 2017
Occupancy		June 2017

The phasing for this project does not correlate directly to each fiscal year appropriation.

#### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

#### SOURCE OF CASH FUNDS

The source of cash funds for this project is the Great Outdoors Colorado (GOCO) Trust Fund and lottery funds. The division has statutory authority to receive and expend grants, gifts, and bequests, including federal funds, for authorized purposes pursuant to Section 33-10-107 (1)(e), C.R.S. Should federal funds become available for the project, they will be used to offset the use of the appropriated cash funds, not to increase the overall project cost. The division says this will allow it to make the most efficient use of available funding, streamline administrative contract management, and preserve cash funds. The division notes that it will use GOCO funds to support the Staunton Service Center design and construction if federal funds are not secured.

#### OPERATING BUDGET

The department says operating costs will rise by approximately \$150,000 annually, which it anticipates will be offset by increased revenue from additional overnight park visitations.

#### STAFF QUESTIONS AND ISSUES

All responses to staff questions were incorporated into the write-up above.

**Department of Natural Resources, Colorado Parks and Wildlife**  
**Five-Year Projection of Need**  
**FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
Infrastructure and Real Property Maintenance, Wildlife Areas	CCF	\$0	\$0	\$0	\$0	\$0	\$0
	CF	900,000	600,000	600,000	600,000	600,000	\$3,300,000
	FF	0	0	0	0	0	\$0
Land and Water Acquisitions, State Parks	CCF	0	0	0	0	0	\$0
	CF	950,000	950,000	950,000	950,000	950,000	\$4,750,000
	FF	0	0	0	0	0	\$0
Land and Water Acquisitions, Wildlife Areas	CCF	0	0	0	0	0	\$0
	CF	11,300,000	11,300,000	11,300,000	11,300,000	11,300,000	\$56,500,000
	FF	0	0	0	0	0	\$0
New Park Development	CCF	0	0	0	0	0	\$0
	CF	5,261,054	0	6,700,000	0	0	\$11,961,054
	FF	0	0	0	0	0	\$0
Park Infrastructure and Facilities	CCF	0	0	0	0	0	\$0
	CF	10,713,244	17,490,000	17,490,000	17,490,000	17,490,000	\$80,673,244
	FF	1,919,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,919,000
<i>Out Year Request(s)</i>							
Asset Development or Improvements	CCF	0	0	0	0	0	\$0
	CF	0	1,100,000	1,100,000	1,100,000	1,100,000	\$4,400,000
	FF	0	0	0	0	0	\$0
Motorboat Access on Lakes and Streams	CCF	0	0	0	0	0	\$0
	CF	0	75,000	75,000	75,000	75,000	\$300,000
	FF	0	225,000	225,000	225,000	225,000	\$900,000
<i>Total: State Funds</i>		0	0	0	0	0	\$0
<b>Grand Total</b>		<b>\$31,043,298</b>	<b>\$32,740,000</b>	<b>\$39,440,000</b>	<b>\$32,740,000</b>	<b>\$32,740,000</b>	<b>\$168,703,298</b>



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### **FY 2012-13 Capital Construction Appropriations Balance Report to the Colorado General Assembly per C.R.S. 24-30-1303 (3) (a) September 16, 2013**

Per C.R.S. 24-30-1303 (3) (a), the Division of Parks and Wildlife is providing this report the Capital Development Committee, the Joint Budget Committee, and the Office of State Planning and Budgeting. The report is contained in the following attachments and is for FY 2012-13:

- 1) Summary of capital construction appropriation balances and expenditure detail by appropriation.
- 2) Project status reports.

Colorado Department of Natural Resources  
Division of Parks and Wildlife  
Capital Construction Appropriation Balance Report for FY 2012-13  
per CRS 24-30-1303 (3) (a)  
Parks Summary

Parks Capital Appropriations	LBLI	APPR Code	Appropriation	FY 2010-11 Expended	FY 2011-12 Expended	FY 2012-13 Expended	Total Expended	Balance
Park Infrastructure and Facilities	64101	MMR, PIF, CCC, CCT, 209, 210, 211, 212, 213, CHC, PIF, WRP, CSB	27,195,585.00	3,236,957.62	2,902,083.94	4,793,142.43	10,932,183.99	16,263,401.01
Staunton State Park, New Park Development	78380	STN	5,500,000.00	495,731.41	763,158.03	3,533,302.54	4,792,191.98	707,808.02
Land and Water Acquisitions	78439	WAQ,LAQ	3,400,000.00	0.00	225,681.28	151,966.94	377,648.22	3,022,351.78
<b>Parks Capital Subtotal</b>			<b>36,095,585.00</b>	<b>3,732,689.03</b>	<b>3,890,923.25</b>	<b>8,478,411.91</b>	<b>16,102,024.19</b>	<b>19,993,560.81</b>

LB Line Description	LBLI	Fund	Appr	Appropriation Name	Fiscal Year 2010-11	Fiscal Year 2011-12	Fiscal Year 2012-13
L0302 PARK INFRSTRCTR&FACILITS	64101	461	209	CORPS COST SHR HUTF 09	\$19,999.81		
L0302 PARK INFRSTRCTR&FACILITS	64101	172	210	CC - HUTF CORPS CST SHARE IMPR		\$196,318.00	\$103,682.00
L0302 PARK INFRSTRCTR&FACILITS	64101	172	211	CC - HUTF 11 CORP CST SHRE IMP		\$16,618.12	\$283,381.88
L0302 PARK INFRSTRCTR&FACILITS	64101	172	212	HUTF 12 CORPS COST SHARE IMP			\$300,000.00
L0302 PARK INFRSTRCTR&FACILITS	64101	172	CCC	CORPS COST SHARE CHY CREEK		\$147,475.65	\$277,485.93
L0302 PARK INFRSTRCTR&FACILITS	64101	461	CCC	CORPS COST SHARE CHY CREEK	\$1,003,266.83		
L0302 PARK INFRSTRCTR&FACILITS	64101	461	CCT	CORPS COST SHARE TRINIDAD	\$1,078,639.75		
L0302 PARK INFRSTRCTR&FACILITS	64101	172	CHC	CORPS COST SHARE CHATFIELD		\$85,731.25	\$672,043.85
L0302 PARK INFRSTRCTR&FACILITS	64101	461	CHC	CORPS COST SHARE CHATFIELD	\$470,765.25		
L0302 PARK INFRSTRCTR&FACILITS	64101	427	MMR	CAPITAL PROJCTS UP TO \$150,000		\$1,457,929.90	\$1,082,446.82
L0302 PARK INFRSTRCTR&FACILITS	64101	427	MMR	MAJOR REPAIRS MINOR IMPROV	\$547,761.18		
L0302 PARK INFRSTRCTR&FACILITS	64101	172	PIF	INFRASTRUC & FACILITIES-MULTI		\$998,011.02	\$2,074,101.95
L0302 PARK INFRSTRCTR&FACILITS	64101	462	PIF	INFRASTRUC & FACILITIES-MUL'	\$116,524.80		
L0902 STAUNTON ST PRK NEW DVLP	78380	172	STN	CC - STAUNTON STATE PARK		\$763,158.03	\$3,533,302.54
L0902 STAUNTON ST PRK NEW DVLP	78380	427	STN	STAUNTON STATE PARK	\$0.00		
L0902 STAUNTON ST PRK NEW DVLP	78380	462	STN	STAUNTON STATE PARK	\$495,731.41		
L1001 LAND&WATER ACQUISITIONS	78439	427	WAQ	WATER ACQUISITIONS L1001		\$225,681.28	\$151,966.94
<b>Parks Capital Subtotal:</b>					<b>\$3,732,689.03</b>	<b>\$3,890,923.25</b>	<b>\$8,478,411.91</b>

Colorado Department of Natural Resources  
Division of Parks and Wildlife  
Capital Construction Appropriation Balance Report for FY 2012-13  
per CRS 24-30-1303 (3) (a)  
Parks Project Status

Project	Description	Status	Start	End
AR301	SEAR HECLA DIV/BOAT CHUTE	OPEN	11/27/12	01/15/14
BL102	HPBL GAZEBO/BOARDWALK IMPROVE	OPEN	10/01/10	05/11/13
BL201	HPBL BERGMAN HISTORIC BRN TRL	OPEN	10/19/11	06/30/14
BO301	HPBO CAPITAL REDEVELOPMENTPLAN	OPEN	07/01/12	06/30/15
CA101	HPCA DAM TRAIL REROUTE PLAN	CLOSED	10/01/10	06/30/12
CC111	HPCCDAM TRAIL PHASE II	OPEN	10/01/10	08/30/13
CC201	HPCC E WATERLINE REPLACEMENT	OPEN	10/17/11	12/30/13
CC202	HPCC ASPHALT RESURFACE	OPEN	10/17/11	06/30/13
CC203	HPCC ROAD IMPROVEMENTS-PRMTR	OPEN	10/17/11	06/30/14
CC204	HPCC SWIM BEACH TRAIL	OPEN	10/17/11	06/30/14
CC205	HPCC DAM TRAIL PHASE III	OPEN	10/19/11	06/30/14
CC206	HPCC WATER SETTLEMENT	CLOSED	03/27/12	06/30/12
CCM01	HPCC VAULT TOILET REPLACEMENTS	CLOSED	08/24/10	06/30/13
CH025	CLOSED	CLOSED	10/19/11	06/30/14
CH114	HPCH ACCS PHASE V ROAD IMPRVMN	OPEN	07/01/10	06/30/13
CH115	HPCH MARCY GULCH	CLOSED	07/01/10	06/30/13
CH116	HPCH TRAIL MAINTENANCE	CLOSED	10/01/10	06/30/11
CH201	HPCH PLUM CREEK ENTRANCE STATN	OPEN	10/17/11	06/30/14
CH202	HPCH PHASE 3 TRAIL REPLACEMENT	OPEN	10/17/11	06/30/14
CH203	HPCH CAMPER REGISTRATION BLDG	OPEN	10/17/11	06/30/14
CH204	HPCH PHASE 6 ROAD IMPROVEMENTS	OPEN	10/17/11	06/30/14
CH205	HPCH PHASE 2 TRAIL MAINTENANCE	CLOSED	10/19/11	06/30/14
CH206	HPCH C470 UNDERPASS ASPHALT	OPEN	10/19/11	06/30/14
CH207	HPCH COTTONWOOD PICNIC AREA	OPEN	10/19/11	06/30/14
CH301	HPCH ROAD IMPROVEMENTS	OPEN	07/01/12	06/30/15
CH302	HPCH BUILDING RENOVATIONS	OPEN	07/01/12	06/30/15
CH303	HPCH TRANSFORMER REPLACEMENT	OPEN	07/01/12	06/30/15
CH304	HPCH ROOF REPLACEMENT	OPEN	07/01/12	06/30/15
CM201	SECM TOP OF THE MOUNTAIN TRL	OPEN	10/19/11	06/30/14
CR101	RMCR FRUITA LAKES TRAIL PLAN	CLOSED	10/01/10	06/30/13
CR102	RMCR RIVERFRONT TRL SYSTEM PLN	CLOSED	10/01/10	06/30/13
CR201	RMCR BANK STABILIZATION	OPEN	11/02/11	06/30/14
CR301	RMCR EQUIPMENT SHED	OPEN	07/01/12	06/30/15
EH101	RMEH TRAIL REHABILITATION	OPEN	10/01/10	06/30/13
EL101	HPEL YOUTH CORPS TRAIL MNTNCE	CLOSED	10/01/10	12/31/10
EL301	HPEL ACCESS ROAD IMPROVEMENT	OPEN	07/01/12	06/30/15
EM101	SEEM ROAD RECONSTRUCTION	OPEN	07/01/10	06/30/14
EM201	SEEM VAULT TOILET REPLACEMENT	OPEN	10/17/11	09/30/14
EM202	SEEM ROAD & PARKING LOT RPLMNT	OPEN	10/17/11	12/31/13
EM301	SEEM WATER SYSTEM IMPROVEMENTS	OPEN	07/01/12	06/30/15
EM302	SEEM CAPITAL REDEVELOPMENTPLAN	OPEN	07/01/12	06/30/15
GG105	HPGG FY10/11 HARMSON RANCH	CLOSED	08/31/10	06/30/11
GG106	HPGG TRAIL ASSESSMENT & DESIGN	CLOSED	10/01/10	02/29/12

Colorado Department of Natural Resources  
Division of Parks and Wildlife  
Capital Construction Appropriation Balance Report for FY 2012-13  
per CRS 24-30-1303 (3) (a)  
Parks Project Status

Project	Description	Status	Start	End
GG201	HPGG MULE DEER TRAIL REROUTE	OPEN	10/19/11	06/30/14
GG301	HPGG ROAD REPAIR (UPPER MTN BA	OPEN	07/01/12	06/30/15
GG302	HPGG MTC FACILITY UPPER SHOP	OPEN	07/01/12	06/30/15
GGM01	HPGG VAULT TOILET REPLACEMENTS	CLOSED	08/24/10	06/30/12
GGM02	HPGG-RV SANITRY WSTE DSPOSL ST	CLOSED	10/27/10	06/30/12
HI071	RMHI VISITOR CENTER LANDSCAPE	OPEN	04/05/11	06/30/14
HI102	RMHI MAINTENANCE COMPLEX	OPEN	07/01/10	06/30/14
JA102	HPJA BOAT RMP PRKNG LOT PAVING	CLOSED	07/01/10	06/30/13
JMM31	SEJM PRECAST VAULT RESTROOMS	OPEN	10/30/12	06/30/14
LA201	SELA WILLIAM HENY JACKSON TRL	OPEN	10/19/11	06/30/14
LA301	SELA SWIM BEACH REDEVELOPMENT	OPEN	07/01/12	06/30/15
LAM31	SELA PINON SEPTIC SYSTEM	OPEN	01/15/13	06/30/14
LO201	HPLO PARKWIDE TRAIL MAINTENCE	CLOSED	10/19/11	12/31/12
LOM31	HPLO ENTRANCE SIGN/DECORATIVE	OPEN	01/01/13	12/30/13
MC301	RMMC EQUIPMENT SHED	OPEN	07/01/12	06/30/15
NJ111	RMNJ WATER SYSTEM EVAL & REHAB	OPEN	04/25/11	06/30/15
NJ201	RMNJ BOAT STORAGE EXPANSION	OPEN	02/17/12	06/30/14
NJ202	RMNJ BOAT REPLACEMENT	CLOSED	02/23/12	06/30/12
NJ301	RMNJ ROAD RENOVATION	OPEN	07/01/12	06/30/15
NJ302	RMNJ BOAT RAMP RESURFACING	OPEN	07/01/12	06/30/15
NJ401	RMNJ LIFT STATION REPLACEMENT	OPEN	06/06/13	06/30/16
NJM01	RMNJ WATER TOWER EVALUATION	CLOSED	07/22/10	06/30/12
NJM31	RMNJ MARINA REPAIR	OPEN	03/26/13	06/30/15
NS103	NSRSP-ELKS CAMPGROUND SEALING	CLOSED	07/22/10	12/30/10
OH111	OHV LE PILOT PROGRAM	OPEN	04/08/11	12/31/13
PL301	RMPL RESTROOM REPLACEMENT	OPEN	07/01/12	06/30/15
PLM31	RMPL DECK REPAIR	OPEN	03/05/13	06/30/14
PU106	SEPU MASTER PLAN	OPEN	09/23/10	06/30/14
PU201	SEPU FISH CLEANING STATIONS	CLOSED	08/24/11	12/31/11
PU202	SEPU NORTH SIDE SEWAGE LAGOONS	CLOSED	09/09/11	06/30/13
PU301	SEPU ROAD IMPR (JUNIPER RD,LOT	OPEN	07/01/12	06/30/15
PUM31	SEPU TRANSIT MIX BLG DEMO	OPEN	11/08/12	06/30/15
RF102	RMRF REC REHAB	OPEN	09/02/10	09/30/13
RG201	RMRG SINGLE TRACK TRAILS	OPEN	07/01/11	06/30/14
RG301	RMRG IRRIGATION SYSTEM CONV	OPEN	07/01/12	06/30/15
RM104	RM REGION - DAM SAFETY	OPEN	07/01/10	06/30/14
RM201	ROCKY MTN ROAD REFURBISHMENT	OPEN	10/17/11	06/30/14
RM301	RM REGION VAULT TOILET REPLC	OPEN	07/01/12	06/30/15
RX201	HPRX WELL HOUSE	OPEN	10/17/11	06/30/14
RX202	HPRX CARPENTER PEAK TRAIL	OPEN	10/19/11	06/30/14
SB201	RMSB/RMPL VAULT TOILETS	OPEN	08/02/11	06/30/14
SC102	RMSC WW CHLORINE PIPELINE	CLOSED	01/07/11	06/30/11
SC201	RMSC VAULT TOILET REPLACEMENT	OPEN	08/02/11	12/31/12

Colorado Department of Natural Resources  
 Division of Parks and Wildlife  
 Capital Construction Appropriation Balance Report for FY 2012-13  
 per CRS 24-30-1303 (3) (a)  
 Parks Project Status

Project	Description	Status	Start	End
SF101	HPSF DOMESTIC WATER SYSTEM	OPEN	07/01/10	07/31/13
SFM01	HPSF MICHIGAN RESERVOIR	CLOSED	09/10/10	06/30/11
SFM02	HPSF RANGER LAKES ENTRANCE	CLOSED	01/10/11	12/31/11
ST201	HPST SOUTH RIDGE HIKER TRAIL	OPEN	10/19/11	06/30/14
SV101	RMSV BEAR GULCH/BRUSH CREEK	OPEN	10/01/10	09/30/13
SV201	RMSV WEST BRUSH CREEK TRAIL	OPEN	10/19/11	06/30/14
SV301	RMSV EQUIPMENT SHED	OPEN	07/01/12	06/30/15
SVM01	RMSV CONCRETE REPLACEMENT	OPEN	07/22/10	06/30/14
SW120	ONGOING	CLOSED	07/01/10	06/30/13
SWCON	CONTINGENCY PROJECT	CLOSED	07/01/10	06/30/25
TR105	SETR ELECTRICAL INFRASTRUCTURE	OPEN	06/29/11	07/01/14
TR201	SETR PARKVIEW HIKING TRAIL	OPEN	10/19/11	06/30/14
TR301	SETR MISC ROAD REPAIRS	OPEN	07/01/12	06/30/15
TRM31	SETR CARPIOS RIDGE CG-3 SITES	OPEN	01/02/13	06/30/15
VGM01	RMVG VAULT TOILET REPLACEMENT	OPEN	07/22/10	06/30/13
VR104	HPVR RIVER BANK STABILIZATION	CLOSED	10/14/10	12/31/11
YA301	RMYA EQUIPMENT SHED	OPEN	07/01/12	06/30/15

Colorado Department of Natural Resources  
Division of Parks and Wildlife  
Capital Construction Appropriation Balance Report for FY 2012-13  
per CRS 24-30-1303 (3) (a)  
Wildlife Summary

Wildlife Capital Appropriations	LBLI	APPR Code	Original Appropriation	Supplemental Adjustment	Appropriated	Prior Year Expenditures	FY 2010-11 Expended	FY 2011-12 Expended	FY 2012-13 Expended	Total Expended	Balance
Small Maintenance	78396	700	594,720.00	(140,036.00)	454,684.00	162,240.68	252,553.81	39,888.80	0.00	454,683.29	0.71
Employee Housing	78390	710	670,845.00	(77,298.00)	593,547.00	307,274.76	269,338.99	16,896.60	0.00	593,510.35	36.65
Dam Maintenance	78389	720	262,500.00	(1,645.00)	260,855.00	236,122.53	7,965.71	0.00	0.00	244,088.24	16,766.76
Property Maintenance	78394	730	1,750,455.00	(546,722.00)	1,203,733.00	497,340.72	456,421.48	213,913.22	0.00	1,167,675.42	36,057.58
Stream & Lake Improv	78397	740	534,450.00	(58,945.00)	475,505.00	43,750.00	61,052.59	201,431.06	69,216.00	375,449.65	100,055.35
Motorboat Access	78392	750	417,900.00	(79,406.00)	338,494.00	269,089.51	69,405.00	0.00	0.00	338,494.51	(0.51)
Fish Unit Maintenance	78391	760	2,373,000.00	(2,269,734.00)	103,266.00	94,967.84	8,298.23	0.00	0.00	103,266.07	(0.07)
Cooperative Habitat Improvements	78388	770	425,000.00	(75,000.00)	350,000.00						350,000.00
Service Center Improv		780	3,832,500.00	0.00	3,832,500.00	291,239.00	617,164.33	1,992,375.38	100,062.86	3,000,841.57	831,658.43
Grants for Improvements, Repairs, and Development on Wetlands and Shooting Ranges	73832	840	1,200,000.00	(612,446.00)	587,554.00	502.00	206,075.51	48,430.74	139,350.00	394,358.25	193,195.75
Major Repair and Minor Improvements	78383	860	631,806.00		631,806.00	174,424.97	93,995.60	0.00	0.00	268,420.57	363,385.43
Colorado Outdoor Educational Recreation Center	N/A	810	3,000,000.00	-3000000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Land and Water Acquisition	78393	900	4,500,000.00	0	4,500,000.00	1,417,708.50	3,082,291.50	0.00	0.00	4,500,000.00	0.00
Asset Development or Improvements	78414	961, RRP	2,471,600.00	(692,457.00)	1,779,143.00	341.32	1,170,845.19	276,580.82	32,142.56	1,479,909.89	299,233.11
Land & Water Acquisitions	78412	901	4,500,000.00		4,500,000.00		3,545,237.12	951,074.13	3,688.75	4,500,000.00	0.00
Infrastructure and Real Property Maintenance	78413	951	681,030.00	(122,484.00)	558,546.00	952.00	287,198.36	163,104.73	71,521.47	522,776.56	35,769.44
Motorboat Access on Lakes and Streams	78411	751	512,180.00	(134,517.00)	377,663.00		47,688.80	269,222.89	1,921.65	318,833.34	58,829.66
Asset Development or Improvements	78459	962	1,363,221.00	(1,363,221.00)	0.00		0.00	0.00	0.00	0.00	0.00
Land & Water Acquisitions	78457	902	6,500,000.00		6,500,000.00			4,171,709.76	2,324,971.99	6,496,681.75	3,318.25
Gunison Regional/Area Office and Hunter Education	78456	812	5,155,058.00	(5,155,058.00)	0.00		0.00	0.00	0.00	0.00	0.00
Infrastructure and Real Property Maintenance	78458	952	2,129,911.00	(1,501,422.00)	628,489.00		0.00	394,165.01	161,866.86	556,031.87	72,457.13
Motorboat Access on Lakes and Streams	78455	752	390,600.00	(390,600.00)	0.00		0.00	0.00	0.00	0.00	0.00
Asset Development or Improvements	78498	963, 9F3	1,646,221.00		1,646,221.00				1,278,061.97	1,278,061.97	368,159.03
Infrastructure and Real Property Maintenance	78497	953	1,966,422.00		1,966,422.00				1,115,044.26	1,115,044.26	851,377.74
Land & Water Acquisitions	78496	903	6,500,000.00		6,500,000.00				4,044,778.56	4,044,778.56	2,455,221.44
Motorboat Access on Lakes and Streams	78498	753	390,600.00		390,600.00				371,044.61	371,044.61	19,555.39
<b>Wildlife Capital Subtotal</b>			<b>54,400,019.00</b>	<b>(16,220,991.00)</b>	<b>38,179,028.00</b>	<b>3,495,953.83</b>	<b>10,175,532.22</b>	<b>8,738,793.14</b>	<b>9,713,671.54</b>	<b>32,123,950.73</b>	<b>6,055,077.27</b>
<b>CPW Grand Total</b>			<b>90,495,604.00</b>	<b>(16,220,991.00)</b>	<b>74,274,613.00</b>	<b>3,495,953.83</b>	<b>13,908,221.25</b>	<b>12,629,716.39</b>	<b>18,192,083.45</b>	<b>48,225,974.92</b>	<b>26,048,638.08</b>

Division of Wildlife  
Capital Construction  
FY09-10

DAM MAINTENANCE REPAIR AND IMPROVEMENT

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Misc. Dam Repairs and Improvements State	P0922-01-C	200,000	-196,991	0	3,009	0
Beaver Park Reservoir Spillway Alternative	P0922-02-C	50,000	-50,000	0	0	0
Dam Plant Removal	P0922-1A-C	0	16,767	0	16,767	0
Beaver Park Outlet Emergency Repair	P0922-1B-C	0	163,817	0	163,817	0
Two Buttes Reservoir	P0922-1C-C	0	27,028	16,767	10,261	0
Lake Avery Dam	P0922-1D-C	0	11,905	0	11,905	0
Beaver Park SWA	P0922-1E-C	0	8,697	0	8,697	0
Trujillo Meadows Seepage Control	P0922-1F-C	0	19,850	0	19,850	0
Mesa Lakes #2	P0922-1G-C	0	4,345	0	4,345	0
Lake John Reservoir	P0922-1H-C	0	4,939	0	4,939	0
Banner Lakes #3	P0922-1I-C	0	350	0	350	0
Alberta Park Dam	P0922-1J-C	0	148	0	148	0
Contingency - Dam Maintenance	P0922-CON	12,500	-10,855	0	0	1,645
		262,500	0	16,767	244,088	1,645

EMPLOYEE HOUSING REPAIRS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Mt. Evans SWA - Supplemental to Resident	P0923-01-C	187,500	6,293	0	193,793	0
Banner Lakes SWA Office Addition	P0923-02-C	30,000	-7,035	0	22,965	0
Rifle Falls Hatchery - Repair Domestic Wat	P0923-03-C	28,600	-14,769	0	13,831	0
Finger Rock Rearing Unit - New Residence	P0923-04-C	285,000	1,863	0	286,827	36
Watson Hatchery - Remodel GH-103 to DO	P0923-05-C	107,800	-31,706	0	76,094	0
Contingency - Employee Housing	P0923-CON	31,945	45,354	0	0	77,299
		670,845	0	0	593,510	77,335

Appropriation 760

FISH UNIT MAINTENANCE AND IMPROVEMENT

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Roaring Judy Hatchery - Replace Box 9, pip	P0924-01-C	560,000	-456,734	0	103,266	0
Monte Vista Hatchery - Reconstruction	P0924-02-C	1,700,000	-1,700,000	0	0	0
Contingency - Fish Unit Maintenance	P0924-CON	113,000	2,156,734	0	0	2,269,734
		2,373,000	0	0	103,266	2,269,734

Appropriation 810

LINE ITEM

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Colorado Outdoor Educational Recreation C	P0915-01-C	3,000,000	0	0	0	3,000,000
		3,000,000	0	0	0	3,000,000

MAJOR REPAIRS AND MINOR IMPROVEMENTS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Lamar Service Center SAA - Lamar Service	P0917-01-C	10,000	-6,013	0	3,987	0
Gunnison SWA - Pumphouse - Beaver Cree	P0917-02-C	26,220	-14,870	0	11,350	0
Lamar Service Center SAA - Lamar Service	P0917-03-C	10,000	-5,180	0	4,820	0
Glenwood Springs SFU - Hatchery - Roof	P0917-04-C	285,000	-202,892	0	82,108	0
Glenwood Springs SFU - Hatchery - Plumbi	P0917-05-C	25,000	1,811	0	26,811	0
Cimarron SWA - Cabin foundation repair	P0917-06-C	62,500	-43,550	0	18,950	0
Roaring Judy SFU - Residence - GH111 -	P0917-07-C	10,000	-6,010	0	3,990	0
Roaring Judy SFU - Residence - GH111 - H	P0917-08-C	3,000	-3,000	0	0	0
Tamarack Ranch SWA - Office/Bunkhouse	P0917-09-C	20,000	-20,000	0	0	0
Crystal River SFU - Residence - "Main Bld	P0917-10-C	5,000	-5,000	0	0	0
Rifle Falls SFU - Residence - Cabin 1 - Plu	P0917-11-C	2,000	0	0	2,000	0
Crystal River SFU - Residence - "Main Bld	P0917-12-C	5,000	-5,000	0	0	0
Roaring Judy SFU - Residence - GH112 - F	P0917-13-C	10,000	-10,000	0	0	0
Roaring Judy SFU - Residence - GH113 -	P0917-14-C	10,000	-10,000	0	0	0
Banner Lakes SWA - Residence - Roof	P0917-15-C	10,500	1,185	0	11,685	0
Pitkin SFU - Residence - GH82 (Modular) -	P0917-16-C	10,000	-138	0	9,862	0
Durango SFU - Spawn House - Heating - Pr	P0917-17-C	2,000	-2,000	0	0	0
Chalk Cliffs SFU - Office - Window - Prim	P0917-18-C	6,500	-1,152	0	5,348	0
Montrose Service Center SAA - Office/Serv	P0917-19-C	5,000	-975	0	4,025	0
Gunnison Discovery Center-Conceptual Site	P0917-1A-C	0	49,885	0	49,885	0
Denver SAA - Hunter Education Building -	P0917-20-C	3,000	-3,000	0	0	0
Bellvue SFU - Hatchery - Window - Primar	P0917-21-C	16,000	-400	0	15,600	0
Mount Shavano SFU - Packed Column Bldg	P0917-22-C	2,000	-2,000	0	0	0
Piceance SWA - Bunkhouse - Foundation	P0917-23-C	6,000	-1,100	0	4,900	0
Piceance SWA - Bunkhouse - Heating - Pri	P0917-24-C	2,000	0	0	2,000	0
Piceance SWA - Bunkhouse - Plumbing	P0917-25-C	50,000	-39,900	0	10,100	0
Piceance SWA - Bunkhouse - Roof	P0917-26-C	5,000	-4,000	0	1,000	0
Contingency - Major Repairs and Small Imp	P0917-CON	30,086	333,299	0	0	363,385
		631,806	0	0	268,421	363,385

MOTOR BOAT ACCESS ON LAKES AND STREAMS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Home Lake SWA - Measuring Flume and P	P0925-01-C	260,000	-8,780	0	251,220	0
Tarrvall SWA - Cattle Guard Repair/Replac	P0925-02-C	38,000	-18,426	0	19,574	0
Queens SWA - Vault Toilets	P0925-03-C	100,000	-32,300	0	67,700	0
Contingency - Motorboat Access on Lakes a	P0925-CON	19,900	59,506	0	0	79,406
		417,900	0	0	338,494	79,406

PROPERTY MAINTENANCE, IMPROVEMENT, AND DEVELOPMENT

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
FCSC HVAC Replacement	P0927-01-C	400,000	33,640	0	433,640	0
Denver Headquarters - Hunter Education St	P0927-02-C	17,500	2,923	0	20,423	0
FCSC-Reroof Annex building	P0927-03-C	65,000	0	0	28,943	36,057
Wellington SWA Pump and Pumphouse	P0927-04-C	23,000	1,490	0	24,490	0
Yampa River SWA - Brock Ditch Headgate	P0927-05-C	16,000	-16,000	0	0	0
Craig Warehouse - Office Remodel	P0927-06-C	42,300	-11,281	0	31,019	0
Flagler Reservoir SWA - New Shop Buildin	P0927-07-C	130,000	-32,691	0	97,309	0
Fairplay Maintenance Facility - Steel Shop	P0927-08-C	345,000	-123,492	0	221,508	0
Frisco Creek - Facility Maintenance Shop &	P0927-09-C	280,000	-275,861	0	4,139	0
Tamarack Ranch SWA - North Boundary Li	P0927-10-C	130,000	-60,635	0	69,365	0
Centennial Valley SWA - Survey	P0927-11-C	33,000	18,540	0	51,540	0
Glenwood Springs (was Gypsum Ponds SW	P0927-12-C	185,300	0	0	185,300	0
Contingency - Property Maintenance, Impro	P0927-CON	83,355	463,367	0	0	546,722
		1,750,455	0	0	1,167,676	582,779

SERVICE CENTER IMPROVEMENTS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Glenwood Springs, Gunnison, and Salida Se	P0928-01-C	3,300,000	-2,164,150	0	783,313	352,537
Northwest Regional Service Center-Remode	P0928-02-C	350,000	0	0	280,407	69,593
Montrose Service Center	P0928-1A-C	0	34,758	0	34,758	0
SERSC Replace HVAC Roof Unit	P0928-1B-C	0	2,980	0	2,980	0
Glenwood Spring Service Center Office Co	P0928-1C-C	0	1,787,064	0	1,782,062	5,002
Gunnison Outdoor Discovery Center	P0928-1D-C	0	426,964	0	117,429	309,535
Contingency - Service Center Improvement	P0928-CON	182,500	-87,616	0	0	94,884
		3,832,500	0	0	3,000,949	831,551

SMALL MAINTENANCE & IMPROVEMENT PROJECTS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Piceance SWA - Little Hills Propane Buried	P0929-01-C	10,000	-7,500	0	2,500	0
FCSC West Building Front Entrance Replac	P0929-02-C	25,000	-13,558	0	11,442	0
Northwest Regional Service Center-Asphalt	P0929-03-C	20,000	-199	0	19,801	0
Rocky Ford SWA- Shop Repair	P0929-04-C	30,000	659	0	30,659	0
Hayden Shooting Range Design	P0929-05-C	55,000	-1,732	0	53,268	0
SERSC-Seal Coat Parking Lot	P0929-06-C	15,000	-7,574	0	7,426	0
SERSC - Subsurface Drain	P0929-07-C	20,000	737	0	20,737	0
Mt. Shavano SWA - Ditch Lining	P0929-08-C	25,000	-25,000	0	0	0
FCSC Carpet Replacement Annex Building	P0929-09-C	19,000	-2,017	0	16,983	0
Bosque del Oso SWA - Shop Improvements	P0929-10-C	45,000	-5,097	0	39,903	0
Henderson SAA - Equipment storage and se	P0929-11-C	100,000	-9,058	0	90,942	0
Denver Headquarters - Replace main sewer	P0929-12-C	50,000	-50,000	0	0	0
Roaring Judy Hatchery - Toilet at Ponds	P0929-13-C	25,000	-3,800	0	21,200	0
Lake Dorothy SWA - Vault Toilet	P0929-14-C	25,000	-3,787	0	21,213	0
Ramah Reservoir SWA - Fence Replacemen	P0929-15-C	30,000	18,284	0	48,284	0
Banner Lakes SWA Shop Improvements	P0929-16-C	20,000	526	0	20,526	0
Denver HO - Replace and Relocate AHU 2	P0929-17-C	20,000	0	0	20,000	0
Monte Vista Service Center - IT Closet Upg	P0929-18-C	15,000	0	0	15,000	0
Piceance SWA - Little Hills Bunkhouse Cei	P0929-19-C	17,400	-2,600	0	14,800	0
Contingency - Misc Small Improvement Pro	P0929-CON	28,320	111,716	0	0	140,036
		594,720	0	0	454,684	140,036

STREAM AND LAKE IMPROVEMENTS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Frantz Lake SWA - Outlet Structure (NW c	P0930-01-C	51,000	-23,499	0	27,501	0
Badger Basin SWA - River Reach Upstream	P0930-02-C	105,000	0	0	52,370	52,630
Rio Blanco SWA - White River Bank Stabil	P0930-03-C	185,000	-102,148	0	82,852	0
Frantz Lake SWA - Outlet Structure (SE cor	P0930-04-C	25,000	-25,000	0	0	0
Creede SWA - Deep Creek River Access	P0930-05-C	143,000	0	0	95,575	47,425
Lake Christine	P0930-1A-C	0	525	0	525	0
Spinney Mountain SWA S. Platte Dream St	P0930-1B-C	0	116,626	0	116,626	0
Contingency - Stream and Lake Improveme	P0930-CON	25,450	33,496	0	0	58,946
		534,450	0	0	375,449	159,001

Division of Wildlife  
Capital Construction  
FY10-11

ASSET DEVELOPMENT OR IMPROVEMENT

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Beaver Creek SWA - Fencing	P1007-01-C	181,000	17,473	0	198,473	0
Centennial Valley SWA - water measuring	P1007-02-C	18,630	-2,955	0	10,357	5,318
Chuck Lewis SWA - Shop Building-Phase I	P1007-03-C	100,000	-427	0	99,573	0
Colorado Springs Hangar - B560 Phase II	P1007-04-C	62,160	-23,625	0	15,528	23,007
Cottonwood SWA - Slough Renovation	P1007-05-C	40,000	-40,000	0	0	0
Crystal River Hatchery - Security Fencing	P1007-06-C	48,000	-16,717	0	31,283	0
Denver HQ - B647 File Storage	P1007-07-C	20,000	2,000	0	22,000	0
Denver HQ - B647 Replace Carpet in Main	P1007-08-C	41,430	2,955	0	44,385	0
Dome Rock SWA - Vault Toilet	P1007-09-C	28,800	-4,410	0	24,390	0
Fort Collins Service Center - B568 Front De	P1007-10-C	33,000	-6,943	0	26,057	0
Grand Junction Service Center - Hunter Ed	P1007-11-C	210,043	-210,043	0	0	0
Higel SWA - Accessible Hunting Blind	P1007-12-C	21,500	-12,425	0	9,075	0
Hot Sulphur Springs SWA - Dolloff Ditch P	P1007-13-C	255,000	0	0	244,431	10,569
James Mark Jones SWA - Well Drilling &	P1007-14-C	69,600	0	0	40,161	29,439
La Jara SWA - Fencing & Creek Crossings	P1007-15-C	303,000	-39,837	0	171,376	91,787
Mike Higbee SWA - Irrigation Well Repair	P1007-16-C	8,000	-7,437	0	563	0
Miller Ranch SWA - Cunningham Ditch Im	P1007-17-C	38,000	-6	0	37,994	0
Miller Ranch SWA - Cunningham Ditch Im	P1007-18-C	30,000	-17,387	0	12,613	0
Monte Vista Service Center - Paving and dr	P1007-19-C	110,000	-1	0	109,999	0
Gunnison Service Center Design	P1007-1A-C	0	100,000	0	0	100,000
Sarvis Creek S&E Fence (Reprocurement)	P1007-1B-C	0	23,625	0	23,625	0
Montrose Service Center - Remodel Confer	P1007-20-C	91,200	-91,200	0	0	0
Mt. Ouray SWA - Replace Diversion Struct	P1007-21-C	51,030	0	0	22,952	28,078
Oak Ridge SWA - Sleepy Cat Ponds - Head	P1007-22-C	18,490	-13,284	0	5,206	0
Parachute SWA - Boat Ramp	P1007-23-C	117,022	-56,862	0	60,160	0
Pitkin SFU - GH-81 Energy Retrofit	P1007-24-C	42,000	-42,000	0	0	0
Pueblo Hunter Ed - Phase II	P1007-25-C	100,000	27,107	0	127,107	0
Rifle Gap Reservoir - Downsteam Fish Barr	P1007-26-D	21,600	-11,600	0	3,970	6,030
Skaguay Reservoir SWA - Spillway Notchi	P1007-27-C	123,000	-123,000	0	0	0
South Platte River Cleaning/sandbar mainte	P1007-28-C	40,000	-19,800	0	20,200	0
South Republican SWA - B251 Office Rem	P1007-29-C	15,000	-15,000	0	0	0

South Republican SWA - Vault Toilets	P1007-30-C	86,400	-1	0	86,399	0
Two Buttes SWA - Alternative Analysis an	P1007-31-C	30,000	2,177	0	32,177	0
Contingency	P1007-CON	117,695	579,623	0	0	697,318
		2,471,600	0	0	1,480,054	991,546

INFRASTRUCTURE AND REAL PROPERTY MAINTENANCE

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Bellvue Hatchery - New Wells/Replacement	P1006-01-C	60,000	-40,806	0	19,194	0
Cimarron SWA - Road Improvements	P1006-02-C	50,000	-5,818	0	44,182	0
Fish Research Hatchery - Main Well Pipe R	P1006-03-C	101,000	-48,289	0	52,711	0
Kemp Breeze SWA - Kemp House - Water	P1006-04-C	35,000	-10,969	0	24,031	0
Misc. Dam Repairs and Improvements State	P1006-05-C	200,000	-200,000	0	0	0
Pitkin SFU - Quartz Creek - Middle Diversi	P1006-06-C	30,000	6,393	0	36,392	1
Pueblo SFU - Well #3 Rehabilitation	P1006-07-C	30,000	-12,116	0	17,884	0
Roaring Judy SFU - Office/Warehouse Heat	P1006-08-C	30,000	-7,981	0	22,019	0
Skaguay Reservoir SWA - Hazard Classific	P1006-09-C	50,000	-49,065	0	0	935
Turk's Pond SWA - New Well	P1006-10-C	50,000	0	0	49,887	113
West Lake SWA - Ditch head gate repair	P1006-11-C	12,600	-355	0	11,756	489
Trujillo Meadows Seepage Control	P1006-1A-C	0	77,295	0	77,295	0
La Jara Dam Fencing	P1006-1B-C	0	10,503	0	10,503	0
Road Canyon #1 Dam	P1006-1C-C	0	180	0	180	0
Black Lakes #2 Dam Rehabilitation	P1006-1D-C	0	54,728	0	54,542	186
Alberta Park Dam	P1006-1E-C	0	0	0	0	0
Area 17 Dam Plant Control	P1006-1F-C	0	300	0	300	0
Upper Brown Lake Dam	P1006-1G-C	0	529	0	529	0
Two Buttes Dam Survey	P1006-1H-C	0	30,935	0	30,935	0
Denver HO-Replace Main Boiler	P1006-1I-C	0	466	0	466	0
Christine Lake Dam	P1006-1J-C	0	1,120	0	1,120	0
Beaver Park Dam	P1006-1K-C	0	519	0	519	0
Durango Hatchery Emergency Recirculation	P1006-1L-C	0	22,810	0	22,260	550
Upper Tarrvall Boundary Fence	P1006-1M-C	0	3,030	0	2,085	945
Mount Shavano Water Collection System	P1006-1N-C	0	403	0	0	403
Denver HO Campus-Remodel Hunter Ed B	P1006-1P-C	0	1,919	0	1,919	0
Muddy Creek Dam	P1006-1O-C	0	1,070	0	1,069	1
Pueblo Hatchery Emergency Boiler	P1006-1R-C	0	3,774	0	3,774	0
Home Lake-Increase Freeboard	P1006-1S-C	0	233	0	233	0
Remodel Hunter Ed Building	P1006-1T-C	0	15,950	0	15,950	0
Tarrvall Reservoir Seepage	P1006-1U-C	0	4,348	0	4,348	0

Muddy Creek Dam	P1006-1V-C	0	1,089	0	1,089	0
Two Buttes Reservoir	P1006-1W-C	0	5,202	0	5,202	0
Tarryall Dam Weir Wall	P1006-1X-C	0	14,325	13,970	355	0
Screening Level Risk Analysis	P1006-1Y-C	0	30,000	19,951	10,049	0
Contingency	P1006-CON	32,430	88,278	0	0	120,708
		681,030	0	33,921	522,778	124,331

MOTOR BOAT ACCESS ON LAKES AND STREAMS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Beaver Park Reservoir SWA - Remote Gate	P1004-01-C	10,000	-10,000	0	0	0
Rio Blanco Lake SWA - Remove & Replac	P1004-02-C	58,300	-16,517	0	41,783	0
Queens SWA - Nee Gronda Boat Ramp Ext	P1004-03-C	50,000	-50,000	0	0	0
Tarrvall Reservoir SWA - Outhouse repairs	P1004-04-C	10,000	-5,500	0	4,500	0
DeWeese Reservoir SWA - Replace Vault T	P1004-05-C	130,000	0	0	113,120	16,880
Pueblo SWA - Vault Toilet Replacement	P1004-06-C	30,000	0	0	24,731	5,269
Clear Creek Reservoir SWA - Boat Dock	P1004-07-C	60,000	0	0	57,885	2,115
Groundhog Reservoir SWA - Boat Ramp E	P1004-08-C	52,500	-52,500	0	0	0
SE Region - Boat Ramp Maintenance	P1004-09-C	15,000	0	0	14,129	871
Sanchez Reservoir SWA - Boat Ramp Impr	P1004-10-C	71,990	0	0	62,685	9,305
Remodel Hunter Ed Building	P1004-1A-C	0	15,950	0	0	15,950
Contingency	P1004-CON	24,390	118,567	0	0	142,957
		512,180	0	0	318,833	193,347

Division of Wildlife  
Capital Construction  
FY11-12

ASSET DEVELOPMENT OR IMPROVEMENT
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Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Fish Research Hatchery - Pressurized ISO/H	P1109-01-C	198,306	-198,306	0	0	0
Rifle Falls SFU - Spring Collection System	P1109-03-C	800,000	-800,000	0	0	0
Rifle Gap Reservoir - Downsteam Fish Barr	P1109-04-C	300,000	-300,000	0	0	0
Contingency - Asset Development or Impro	P1109-CON	64,915	1,298,306	0	0	1,363,221
		1,363,221	0	0	0	1,363,221

INFRASTRUCTURE AND REAL PROPERTY MAINTENANCE

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Andrick Ponds SWA - Cattail Control	P1108-01-C	10,000	-10,000	0	0	0
Basalt SWA - Toner Road Repairs	P1108-02-C	61,500	-3,399	0	58,038	63
Beaver Creek SWA - Stream Improvements	P1108-03-C	40,000	-40,000	0	0	0
Beaver Park Dam Spillway Repair - DESIG	P1108-04-C	150,000	-150,000	0	0	0
Billy Creek SWA - Porter Tract Survey & F	P1108-05-C	232,000	-232,000	0	0	0
Black Lakes No. 2 Spillway	P1108-06-C	100,000	-100,000	0	0	0
Canon City Hunter Ed. - Heat and A/C	P1108-07-C	15,000	-15,000	0	0	0
Cherokee SWA - Prescribed Burn	P1108-08-C	15,000	-15,000	0	0	0
Denver HO - Hunters Ed Bldg Exterior Rep	P1108-09-C	29,000	-722	0	26,878	1,400
Denver HO - Replace AHU-4	P1108-10-C	45,900	-45,900	0	0	0
Denver HO - Replace Main Boilers	P1108-11-C	74,300	-21,578	0	52,722	0
Denver HO Campus - Remodel Hunter Ed	P1108-12-C	80,000	-80,000	0	0	0
Glenwood Springs SFU - Quarantine East R	P1108-13-C	42,336	-23,576	0	18,760	0
Henderson SAA - Security Fence	P1108-14-C	9,600	-9,600	0	0	0
Huerfano SWA-Vault Toilets	P1108-15-C	40,000	2,500	0	461	42,039
Mike Higbee SWA - Shop Improvements	P1108-16-C	15,000	-15,000	0	0	0
Miller Ranch SWA - Cunningham Ditch Im	P1108-17-C	50,000	-50,000	0	0	0
Miller Ranch SWA - Cunningham Ditch Im	P1108-18-C	60,000	-60,000	0	0	0
Yampa River SWA - Cut Bank Repair	P1108-19-C	300,000	-300,000	0	0	0
Dept. of Corrections DamMaint FY12	P1108-1A-C	0	40,000	0	39,200	800
Two Buttes	P1108-1B-C	0	64,659	0	46,500	18,159
Skagway Spillway Repairs	P1108-1C-C	0	24,900	0	24,900	0
Dam Hydraulic Gate Systems	P1108-1D-C	0	78,400	0	60,755	17,645
Seepage Monitoring (Rito, Alberta & Trujill	P1108-1E-C	0	781	0	780	1
Purdy Mesa Reservoir Fish Screens	P1108-1F-C	0	2,731	0	2,731	0
Dowdy Lake Dam	P1108-1G-C	0	1,479	0	1,478	1
Lake Avery Spillway Safety Project	P1108-1H-C	0	3,500	0	3,377	123
La Jara Dam Crest Repairs	P1108-1I-C	0	9,100	0	9,100	0
Yampa River Emergency Cut Bank Repair	P1108-1J-C	0	5,000	0	4,460	540
Home Lake Dam Maintenance	P1108-1K-C	0	27,000	0	27,000	0
Banner lakes Emergency Potable Water	P1108-1L-C	0	25,000	0	19,966	5,034

Statewide Dam Maintenance	P1108-1M-C	0	41,600	0	41,600	0
Muddy Creek Dam Improvements	P1108-1N-C	0	36,600	0	36,600	0
Turks Pond New Well 2011	P1108-1O-C	0	2,379	0	2,379	0
Tarryall Reservoir SWA Boat Ramp, Dock	P1108-1P-C	0	9,341	0	0	9,341
NWRSC - Replace Windows	P1108-20-C	19,000	1,853	0	20,853	0
NWRSC - Stucco	P1108-21-C	22,000	0	0	17,671	4,329
NWRSC - West Lake - Remove & Replace	P1108-22-C	29,000	-2,747	0	24,830	1,423
Pitkin SFU - Red Jacket Control Box and m	P1108-23-C	40,000	-40,000	0	0	0
Roaring Judy SFU - East River Restoration	P1108-24-C	0	0	0	0	0
Spanish Peaks SWA - Vault Toilets	P1108-25-C	81,351	-81,351	0	0	0
Turk's Pond SWA - B288 Insulate Shop	P1108-26-C	15,000	-15,000	0	0	0
Woodhouse SWA - Potable Water System	P1108-27-C	19,500	-4,508	0	14,992	0
Woods Lake SWA - Hughes Ditch (Fall Cre	P1108-28-C	53,000	-53,000	0	0	0
Misc. Dam Repairs Statwide	P1108-29-C	300,000	-300,000	0	0	0
Chalk Cliffs SFU - Pond - Unlined - Produc	P1108-30-C	80,000	-80,000	0	0	0
Contingency - Infrastructure and Real Prope	P1108-CON	101,424	1,371,558	0	0	1,472,982
		2,129,911	0	0	556,031	1,573,880

Appropriation 812

LINE ITEM

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Gunnison Regional/Area Office and Hunter	P1106-01-C	5,145,057	0	0	0	5,145,057
		5,145,057	0	0	0	5,145,057

Appropriation 752

MOTOR BOAT ACCESS ON LAKES AND STREAMS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Tarryall Reservoir SWA - Boat Ramp and D	P1105-01-C	372,000	-372,000	0	0	0
Contingency - Motor Boat Access	P1105-CON	18,600	372,000	0	0	390,600
		390,600	0	0	0	390,600

Division of Wildlife  
Capital Construction  
FY12-13

ASSET DEVELOPMENT OR IMPROVEMENT
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Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Durango - Regional Office remodel to Area	P1210-01-C	200,000	0	0	0	200,000
Fish Research Hatchery - Pressurized ISO/H	P1210-02-C	198,306	-51,455	0	18,817	128,034
Monte Vista SFU - Hatchery Supply Wells	P1210-03-C	37,000	3,587	0	40,587	0
Rifle Falls SFU - Spring Collection System	P1210-04-C	800,000	60,816	0	851,605	9,211
Rifle Gap Reservoir - Downsteam Fish Barr	P1210-05-C	300,000	31,579	0	331,576	3
Tarryvall SWA - West Boundary Fence	P1210-06-C	46,000	0	1	35,477	10,522
Glenwood Springs Service Center Office Co	P1210-1A-C	0	7,663	0	0	7,663
Contingency - Asset Development or Impro	P1210-CON	64,915	-52,190	0	0	12,725
		1,646,221	0	1	1,278,062	368,158

INFRASTRUCTURE AND REAL PROPERTY MAINTENANCE

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Beaver Creek SWA - Stream Improvements	P1209-01-C	40,000	4,456	6,154	35,529	2,773
Beaver Park Dam Rehabilitation Design	P1209-02-C	565,500	0	206,526	334,328	24,646
Billy Creek SWA - Porter Tract Survey & F	P1209-03-C	232,000	-150,000	0	72,988	9,012
Canon City Hunter Ed. - Heat and A/C	P1209-05-C	15,000	-12,264	0	2,736	0
Denver HO - Replace AHU-4	P1209-06-C	45,900	0	0	33,243	12,657
Denver HO Campus - Remodel Hunter Ed	P1209-07-C	80,000	33,001	0	113,001	0
Huerfano SWA - Vault Toilets	P1209-08-C	42,500	0	0	42,500	0
Mike Higbee SWA - Shop Improvements	P1209-09-C	15,000	0	0	6,366	8,634
Miller Ranch SWA - Cunningham Ditch Im	P1209-10-C	50,000	0	7,340	9,987	32,673
Miller Ranch SWA - Cunningham Ditch Im	P1209-11-C	60,000	0	0	8,488	51,512
Rio Blanco SWA - Imes Revnelds Ditch im	P1209-12-C	88,100	0	1,619	81,233	5,248
Roaring Judy SFU - Demolish GH-101	P1209-13-C	73,500	0	0	32,092	41,408
Screening Level Risk Analysis for DOW Po	P1209-14-C	60,000	0	46,602	13,398	0
Spanish Peaks SWA - Vault Toilets	P1209-15-C	81,351	0	0	69,800	11,551
Turk's Pond SWA - B288 Insulate Shop	P1209-16-C	15,000	-15,000	0	0	0
Two Buttes Reservoir SWA - Dam Rehabili	P1209-17-C	50,000	0	5,657	44,343	0
Woods Lake SWA - Hughes Ditch (Fall Cre	P1209-18-C	53,000	0	0	791	52,209
Yampa River SWA - Cut Bank Repair	P1209-19-C	300,000	18,550	137,383	38,482	142,685
Muddy Creek Dam Rehabilitation	P1209-1A-C	0	150,000	0	150,000	0
Gypsum Ponds SWA-Emergency Bank Rep	P1209-1B-C	0	6,000	0	4,616	1,384
Storm Mountain Access Road-Emergency R	P1209-1C-C	0	21,264	0	21,125	139
Basalt SWA Toner Road	P1209-1D-C	0	10,000	0	0	10,000
Contingency - Infrastructure and Real Prope	P1209-CON	99,571	-66,007	0	0	33,564
		1,966,422	0	411,281	1,115,046	440,095

Appropriation 753

MOTOR BOAT ACCESS ON LAKES AND STREAMS

Project Name	Project No	Orig Amt	Incr/Decr	Encumb	Expend	Balance
Tarrvall Reservoir SWA - Boat Ramp and D	P1207-01-C	372,000	-68,400	0	294,041	9,559
Tarrvall Dam Emergency Stability Analysis	P1207-1A-C	0	87,000	0	77,004	9,996
Contingency - Motor Boat Access	P1207-CON	18,600	-18,600	0	0	0
		390,600	0	0	371,045	19,555

# Fiscal Year 2014-15 Capital Construction Request

## Personnel and Administration

### *Capitol Complex Leased Space Maintenance Request*

#### PROGRAM PLAN STATUS

2015-047

Approved Program Plan?

N/A

Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	1 of 1
OSP/SPB	15 of 42

Recommended for funding.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$0	\$5,400,000	\$0	\$0	\$5,400,000
<b>Total</b>	<b>\$0</b>	<b>\$5,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,400,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$704,348	\$0	\$0	\$704,348
Construction	\$0	\$4,695,652	\$0	\$0	\$4,695,652
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$5,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,400,000</b>

#### PROJECT STATUS

This is a new, never-before requested project.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Personnel and Administration (DPA) is requesting state funds to complete six large maintenance projects in buildings throughout the Capitol Complex. The projects address both standard maintenance issues and upgrades to outdated materials and structures. The six projects include:

- (1) **Roof replacement, multiple buildings.** The project replaces roofs in nine buildings throughout the Capitol Complex (\$2.5 million);
- (2) **Window replacement and weatherization, 1570 Grant.** The project replaces and weatherizes windows and replaces window frames in the building that houses the Department of Health Care Policy and Financing (\$0.7 million);
- (3) **Window replacement, 200 East 14th Avenue.** The project replaces windows and window frames in the Legislative Services Building (\$0.4 million);

# Fiscal Year 2014-15 Capital Construction Request

## Personnel and Administration

### *Capitol Complex Leased Space Maintenance Request*

(4) **Wall repair and window replacement, 690 and 700 Kipling.** The project seals walls against condensation, replaces windows, and installs flashing around windows, as needed, in the buildings that house various divisions of the Department of Agriculture and the Department of Public Safety (\$0.8 million);

(5) **Emergency generator, 1001 East 62nd Avenue.** The project purchases and installs an emergency generator for the north campus (\$0.6 million); and

(6) **Uninterruptible power supply system and air conditioning unit, 690 Kipling.** The project replaces the existing uninterruptible power supply system and air conditioning in the portion of the building that houses the state's computer system (\$0.4 million).

### PROJECT JUSTIFICATION

The department, through its annual operating budget, requests funds to address on-going maintenance of and upgrades to the facilities in the Capitol Complex, including one-time costs for repairs or improvements. However, according to the department, the various projects included in this request are more involved and costly than can be addressed through the regular operating budget. DPA says the repairs funded through the project have been delayed to the point that many of the affected systems require significant overhaul or complete replacement. Continued deterioration of these systems may pose safety hazards or jeopardize the operational status of various buildings. If the project is not funded, DPA says the state may face funding emergency repairs in order to maintain the functionality of various operations housed in the affected facilities.

The projects specifically address the following concerns:

- roof replacement is needed to address leaks. The department explains that the recent rainy season illustrated that many of the roofs protecting state buildings and assets are leaking;
- window replacement is needed to provide proper insulation in order to maintain adequate heating and cooling and to reduce energy costs;
- wall repair at 690 and 700 Kipling is necessary because the original builder did not install a vapor barrier between the interior and exterior walls so condensation forms between the walls and causes heaves in the interior drywall;
- an emergency generator is needed at the north campus to ensure uninterrupted service from the state's primary printing, copying, and mail-processing facility. The department says the business handled by the facility is time sensitive and subject to a number of state- or federally mandated deadlines, such as eligibility notifications mailed on behalf of the Colorado Benefits Management System. According to the department, if an emergency generator is not purchased and in the event of a long power outage, it risks violating a number of laws by not processing certain documents on deadline;
- an uninterrupted power supply and air conditioning is needed at 700 Kipling in order to adequately power and cool information technology equipment to prevent failure from overheating. The department says that if the power supply and backup fail, the entire state computer system is susceptible to failure.

### PROGRAM INFORMATION

The department provides centralized human resources, programs, and services to most state agencies and employees. Additionally, it manages the centralized state procurement system, administers the budget, ensures code compliance for all state-owned facilities, and archives legislative and other government documents. It also manages the Capitol Complex through the Division of Central Services. The Capitol Complex is comprised of buildings owned and managed by the department in downtown Denver, Lakewood, Golden, and Grand Junction. Most of the buildings in the Capitol Complex are leased by other state agencies.

### PROJECT SCHEDULE

The department explains that it will conduct the projects over the course of the three years for which the appropriation is authorized.

# Fiscal Year 2014-15 Capital Construction Request

## Personnel and Administration

### *Capitol Complex Leased Space Maintenance Request*

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#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because the facilities will not undergo substantial renovation. Substantial renovation is defined as a renovation the cost of which exceeds 25 percent of the value of the property.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

There is no projected impact to state operating costs. The department anticipates that the various projects will be managed by department personnel. However, if sufficient personnel are not available within the department to manage the projects included in this request, it may submit a future operating request for additional FTE.

#### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Public Health and Environment

*Brownfields Cleanup Program (aka HB 00-1306 Site Cleanups)*

### PROGRAM PLAN STATUS

2001-208

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              1 of 2

OSP/B                  N/A of 42              Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$2,250,000	\$250,000	\$250,000	\$750,000	\$3,500,000
CFE	\$1,250,000	\$0	\$0	\$0	\$1,250,000
FF	\$2,925,000	\$0	\$0	\$0	\$2,925,000
<b>Total</b>	<b>\$6,425,000</b>	<b>\$250,000</b>	\$250,000	\$750,000	\$7,675,000

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$6,425,000	\$250,000	\$250,000	\$750,000	\$7,675,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$6,425,000</b>	<b>\$250,000</b>	\$250,000	\$750,000	\$7,675,000

### PROJECT STATUS

This is an ongoing project. Cash funds spending authority on behalf of the project has been requested and granted each year since FY 2001-02.

Since the program's inception, 30 sites have been remediated. Projects completed to date include a former mine site, a contaminated creek, a former tree farm contaminated with pesticides, a former shooting range, a fishery, and households with contaminated wells.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Public Health and Environment (DPHE) is requesting cash funds spending authority for the Brownfields Cleanup Program. House Bill 00-1306 authorized the program, and provided for an annual appropriation of \$250,000 from the state Hazardous Substance Response Fund to perform cleanup on properties: (1) that do not have a responsible party to perform remediation; (2) that have been determined to present a threat to human health or the environment; and (3) where remediation will facilitate redevelopment of the property for the public good. Funding under the program is generally allocated to local governments. Remediation costs are highly variable, with

# Fiscal Year 2014-15 Capital Construction Request

## Public Health and Environment

### *Brownfields Cleanup Program (aka HB 00-1306 Site Cleanups)*

site cleanups costing as little as \$20,000 and as much as \$450,000. The department says this year's request will allow it to fund planned projects and complete projects already underway.

The department has set up an evaluation process to screen potential sites. The department's evaluation focuses on impacts to human health and the environment, and potential for site redevelopment. The department has identified five sites across the state as potential projects suitable for receiving FY 2014-15 funding:

- 1) *Custer County*. The project abates asbestos and lead-based paint at the Mitchell Museum of Western Art in Trinidad. The department says the project is currently on hold at the request of the city of Trinidad, but may still be included in the FY 2014-15 funding cycle.
- 2) *Custer County*. The project cleans up contaminated soil at the site of a former concrete plant. The department will conduct an investigation to determine the extent of the contamination. The remediated site will be used by the city of Silver Cliff as a fairgrounds, veterans' memorial, highway rest stop, and regional US Forest Service fire crew emergency response center.
- 3) *Denver City and County*. The project cleans up the site of a former dry cleaning business located adjacent to the South Platte River. The remediated site will be used to construct affordable housing.
- 4) *Logan County*. The project cleans up contaminated soil at the site of a former manufactured gas plant. The remediated site will provide parking for Centennial Mental Health Center, Inc., a nonprofit organization that provides mental health and substance abuse treatment for ten counties in northeastern Colorado.
- 5) *San Juan County*. The project cleans up a former landfill. The remediated site will be used by the town of Silverton for a public trail system. The department says the property is owned by the Bureau of Land Management and negotiations are underway to transfer the land to the town of Silverton. The department will conduct an investigation to determine the extent of the contamination.

**18-month encumbrance deadline.** Senate Bill 08-037 changed the encumbrance deadline for this project from 6 months to 18 months. If funds are not encumbered within the first 18 months, the department will request a waiver at that time.

### PROJECT JUSTIFICATION

According to the department, the purpose of the Brownfields Program is to fund cleanup projects that otherwise could not be funded. If the request is not approved, persons living close to the sites, as well as terrestrial and aquatic organisms, risk continued exposure to hazardous contaminants. In addition, failure to redevelop these sites may result in lost revenue, jobs, and public amenities associated with new uses under redevelopment, says the department.

### PROGRAM INFORMATION

The Brownfields Cleanup Program generally serves local governments seeking to eliminate contamination in their communities and to redevelop sites to produce public amenities or income. The program operates within the three-year window of the capital construction spending authority to screen sites, and to plan and implement cleanups. However, projects typically take more time to put a cleanup package together, due to various issues with landowners and local governments. A scoring process is used to evaluate and select brownfield sites. This evaluation tool focuses on impacts to human health and environment and has a redevelopment factor that accounts for about 25 percent of the overall site score. Projects that have been completed or are in progress under the program have:

- supplied potable drinking water;
- cleaned polluted streams;
- provided revitalization for housing and commerce;
- prevented mine waste from contaminating streams; and
- allowed for the development of public parks and the expansion of public facilities.

# Fiscal Year 2014-15 Capital Construction Request

## Public Health and Environment

*Brownfields Cleanup Program (aka HB 00-1306 Site Cleanups)*

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	A project schedule is not applicable to this request. Each site is at a different stage. Some sites are ready for the actual cleanup to start; while at other sites, the cleanup plan is still being determined, funding is still being secured, or the department is working with the community to plan the site's final use.	
Construction		
Equipment		
Occupancy		

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it does not involve the construction or renovation of a physical facility.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is the Hazardous Substance Response Fund, created in Section 25-16-104.6 (1)(a), C.R.S. The fund is financed through a fee on municipal solid waste landfills. The FY 2013-14 projected year-end fund balance is \$12.6 million.

### OPERATING BUDGET

The division explains that it is not responsible for the operating costs associated with the projects funded through the program.

### STAFF QUESTIONS AND ISSUES

All responses to staff questions have been incorporated into the project write-up.

# Fiscal Year 2014-15 Capital Construction Request

## Public Health and Environment

### *Water Quality Improvement Projects*

#### PROGRAM PLAN STATUS

2013-011

Approved Program Plan?

Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority
Dept/Inst	2 of 2
OSPB	N/A of 42

Recommended for funding from cash sources.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$1,200,000	\$600,000	\$600,000	\$1,800,000	\$4,200,000
<b>Total</b>	<b>\$1,200,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$1,800,000</b>	<b>\$4,200,000</b>

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$1,200,000	\$600,000	\$600,000	\$1,800,000	\$4,200,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$1,200,000</b>	<b>\$600,000</b>	<b>\$600,000</b>	<b>\$1,800,000</b>	<b>\$4,200,000</b>

#### PROJECT STATUS

This is an ongoing request. Since the program's inception in FY 2012-13, 36 water quality improvement projects have received funding through the program.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Public Health and Environment (DPHE) is requesting cash funds spending authority to fund water quality projects using fines for water quality violations that accrue to the Water Quality Improvement Fund. State law requires the department to use moneys in the fund to improve statewide water quality. To meet this charge, DPHE provides grant funding to local entities for water projects in a manner similar to the department's grant funding for hazardous contaminant remediation under the Brownfields Cleanup Program. The department says funded projects will improve drinking water, municipal stormwater, watershed, and processed wastewater quality.

The Water Quality Control Commission (WQCC) has promulgated rules establishing prioritization criteria for the distribution of grant funds. Entities eligible to receive funding under the program include: governmental agencies; publicly owned water systems; private, not-for-profit public water systems; not-for-profit watershed groups; not-for-profit stormwater administrators and training providers; and private landowners impacted by water quality violations. Examples of projects funded through prior appropriations include partial grant funding for the construction of a wastewater collection line expansion to eliminate health hazards from failed septic systems, and partial grant funding

# Fiscal Year 2014-15 Capital Construction Request

## Public Health and Environment

### Water Quality Improvement Projects

to construct wastewater treatment plant improvements that minimize increasing levels of nitrates in groundwater. The department says it has not yet identified specific projects to be funded in FY 2014-15. The Water Quality Control Division will begin accepting applications for the next round of grant funding for water quality projects in April 2014.

In addition, the department says water quality projects on the current Revolving Loan Fund Project Eligibility List are eligible for funding from the Water Quality Improvement Fund. The 2013 list, approved by the WQCC, identified over \$4.5 billion in wastewater infrastructure needs.

#### PROJECT JUSTIFICATION

The wastewater infrastructure needs documented by the WQCC include failing septic systems and wastewater treatment plants throughout the state, which the department says pose a potential public health hazard. According to the department, there is a significant need to fund projects such as connecting homes with failing septic systems to centralized wastewater treatment plants, or constructing storm water drainage systems. The department says failure to fund these types of projects could result in stream pollution and contamination of drinking water wells, and increase health risks to local communities.

#### PROGRAM INFORMATION

Under Section 25-8-608 (1.7)(a), C.R.S., moneys in the Water Quality Improvement Fund must be spent for the following purposes:

- improving the water quality or water body in a community impacted by a water quality violation;
- providing grants for stormwater projects or assisting with planning, design, construction, or repair of domestic wastewater treatment works;
- providing the non-federal match funding for non-point source projects; and
- providing grants for stormwater management and best practice training to prevent or reduce the pollution of state waters.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Construction	July 2014	June 2017
The department explains that the water quality projects funded under this program may take multiple years to complete, but all projects funded in FY 2014-15 will be completed by June 30, 2017.		

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it does not involve the construction or renovation of a physical facility.

#### SOURCE OF CASH FUNDS

The source of cash funds for the project is the Water Quality Improvement Fund, created in Section 25-8-608 (1.5), C.R.S. Revenue accrues to the fund from fines collected as a result of water quality violations. The fund was created by House Bill 06-1337. The department projects a fund balance of \$1.1 million at the end of FY 2013-14.

# Fiscal Year 2014-15 Capital Construction Request

## Public Health and Environment

### *Water Quality Improvement Projects*

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#### OPERATING BUDGET

The division explains that grant recipients are responsible for any operating costs associated with the projects funded through the program.

#### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

*G.R. Carrel Hall Renovation*

### PROGRAM PLAN STATUS

2015-035

Approved Program Plan?

N/A

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              1 of 3

OSP/B                  N/A of 42              Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
HUTF	\$0	\$545,633	\$0	\$0	\$545,633
<b>Total</b>	<b>\$0</b>	<b>\$545,633</b>	<b>\$0</b>	<b>\$0</b>	<b>\$545,633</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$113,204	\$0	\$0	\$113,204
Construction	\$0	\$389,575	\$0	\$0	\$389,575
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$3,896	\$0	\$0	\$3,896
Contingency	\$0	\$38,958	\$0	\$0	\$38,958
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$545,633</b>	<b>\$0</b>	<b>\$0</b>	<b>\$545,633</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Public Safety (DPS) is requesting cash funds spending authority to renovate the 7,025-GSF G.R. Carrel Hall, a Colorado State Patrol Academy building located on the Camp George West campus in Golden. The renovation will allow DPS to use the building as a large meeting space for conference, training, and assembly purposes. Improvements to be made to G.R. Carrel Hall under the project include:

- enlarging the restroom facilities to meet demand;
- updating life-safety infrastructure, including smoke detection and fire alarm systems;
- replacing the HVAC system;
- installing expanded plumbing and plumbing fixtures;
- replacing floor tiles, carpeting, and paint;
- installing new doors and energy-saving lighting; and
- updating sound and information technology systems.

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

### G.R. Carrel Hall Renovation

DPS notes that the renovations will address all life-safety and building code requirements and steps will be taken to increase energy efficiency in the building.

#### PROJECT JUSTIFICATION

The department says renovating the historically significant G.R. Carrel Hall will increase its utilization as an event facility by DPS and other state departments based in the Denver metropolitan area, preserving the building and leading to departmental savings by supplanting the use of private meeting spaces.

G.R. Carrel Hall has been used by DPS in recent decades as a meeting, training, and event facility. Although the building was renovated 20 years ago and minor repairs and updates have been made to certain components over the years, requests to use it have declined due to its condition and the availability of private event spaces that provide more comfortable accommodations. The Facility Condition Index for the building is 0.75, while the target rating established for state buildings by the Office of the State Architect is 0.85. This rating is a ratio of facility deficiencies to current replacement value. DPS says that, although no components in the building have failed to date, several are at the end of their useful life cycles. Examples of the building's deficiencies include insufficient restroom facilities to meet its occupant capacity, an inconsistently performing HVAC system, and a lack of modern amenities.

Once renovations are complete, the department projects a 40 to 60 percent increase in utilization of the facility based on a greater capacity to host a variety of large events. The department says a significant portion of its events are currently held off site at a cost of approximately \$17,000 annually. The recent headquartering of the ports-of-entry function and its 127 FTE at Camp George West provides even greater opportunity for facility utilization, and the facility may be made available for rent. According to DPS, if the building is not renovated it will fall into disrepair and continue to be underutilized to the point where repairs become too costly and the building becomes unusable.

#### PROGRAM INFORMATION

Built in 1943 on the grounds of Camp George West, G.R. Carrel Hall was named after the second chief and an original member of the Colorado Courtesy Patrol. The building was originally constructed as a chapel and theatre, but was converted to its present use as a meeting, training, and events facility. Originally constructed as a Colorado National Guard facility, Camp George West now contains correctional facility and the Colorado State Patrol Training Academy. G.R. Carrel Hall is part of the training academy infrastructure. The camp's historic district is listed on the National Register of Historic Places.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	January 2015
Construction and Equipment	January 2015	May 2016
Occupancy		May 2016

#### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

#### SOURCE OF CASH FUNDS

The source of cash funds for the project is Highway Users Tax Fund (HUTF) "off the top" moneys. Off-the-top appropriations fund capital and operating expenses associated with highway-related administrative functions of DPS and the Colorado State Patrol. Off-the-top appropriations are made prior to distributions to the state and local governments for highway construction. Revenues accrue to the HUTF from excise taxes on motor fuels; registration

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

### *G.R. Carrel Hall Renovation*

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and license fees for drivers, motor vehicles, trailers, and semi-trailers; court fines and fees; motor vehicle penalty assessments; passenger-mile taxes on vehicles; and other fees.

#### OPERATING BUDGET

The department expects to save about \$17,000 annually based on savings associated with no longer renting private event facilities. Additional savings associated with the energy efficiency of the project's improvements may be

#### STAFF QUESTIONS AND ISSUES

None.

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

*Motor Carrier Training Facility and Dormitory*

### PROGRAM PLAN STATUS

2015-036

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

**Prioritized By**      **Priority**

Dept/Inst              2 of 3

OSP/B                  N/A of 42              Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$0	\$1,200,000	\$0	\$0	\$1,200,000
<b>Total</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$860,000	\$0	\$0	\$860,000
Equipment	\$0	\$340,000	\$0	\$0	\$340,000
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Public Safety (DPS) is requesting cash funds spending authority to construct a 3,000-ASF classroom building and an 840-ASF dormitory on the Colorado State Patrol (CSP) Academy campus at Camp George West in Golden. The buildings will serve as a dedicated training center for 42 law enforcement agencies, port-of-entry officers, and CSP troopers charged with conducting motor carrier safety and hazardous material transport inspections, as well as new motor carriers. Under the project, two modular buildings will be purchased through a bid process and delivered to the academy campus, where they will be installed on foundations compliant with local building codes. The project also furnishes the two buildings. Motor carrier inspection training is currently conducted at rented facilities.

### PROJECT JUSTIFICATION

The department says constructing a dedicated, centrally located facility for training motor carrier inspectors will allow for timely training delivery while reducing costs associated with training site rentals. DPS explains that lack of training

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

### *Motor Carrier Training Facility and Dormitory*

spaces requires the Motor Carrier Safety Section to seek off-site facilities such as hotel meeting sites and schools for conducting required training sessions, which results in the delay of training offerings. Training delays result in the inconsistent application and enforcement of federal and state motor carrier regulations. According to the department, continuing changes to federal motor carrier regulations create a constant demand for instruction, and building a dedicated training facility will ensure that this demand is efficiently met. Transfer of the port-of-entry function to DPS has increased this demand for instruction; of 127 port-of-entry employees requiring commercial vehicle inspection training, only 50 are certified. In addition, DPS says it spends upwards of \$20,000 per event to conduct off-site training sessions, and that it has conducted six off-site courses in the past five years at a total cost of \$108,000. Constructing a dormitory will allow students to remain at the academy during training events, reducing per-diem and lodging costs. Finally, the department notes that the central location chosen for the training facility is perfect for accommodating its stakeholders.

### PROGRAM INFORMATION

CSP is the lead agency in the state for motor carrier safety and provides hazardous material responder training to state and local agencies, including training for inspectors conducting Commercial Vehicle Safety Alliance (CVSA) inspections. In 2012, CSP provided seven 40-hour and three 80-hour CVSA commercial vehicle enforcement training courses, along with mandatory annual update training to 42 law enforcement agencies and all uniformed CSP officers. In 2012, CSP also conducted two 8-hour safety audit courses to the commercial vehicle industry, which provides guidance to new motor carriers on how to comply with federal and state regulations. The Motor Carrier Programs and Safety Section hosts three hazardous materials classes each year, along with mandatory quarterly update training to all CSP hazardous material responders.

### PROJECT SCHEDULE

	Start Date	Completion Date
Buildings Purchase	June 2014	August 2014
Installation	August 2014	May 2015
Equipment	March 2015	June 2015
Occupancy		June 2015

### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is excess uncommitted reserves from the Motor Carrier Fund that have been transferred to the Hazardous Materials Safety Fund pursuant to state law. This funding is generated by fees levied on motor carriers and associated entities required to register with the U.S. Department of Transportation under the Unified Carrier Registration System. The department says that funding the project from this source will require a change to Section 40-2-110.5 (9)(a), C.R.S.

### OPERATING BUDGET

The department projects that utility costs for the new buildings will be about \$8,500 annually, which will be absorbed within existing operating budgets.

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

### *Motor Carrier Training Facility and Dormitory*

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#### STAFF QUESTIONS AND ISSUES

1. If the G.R. Carrel Hall is renovated, can the motor carrier training sessions be conducted in that facility?

*Unfortunately, no. Motor carrier training will not be able to be conducted efficiently and effectively utilizing G.R. Carrel Hall. Carrel Hall is the only meeting room for large groups (over 50 people). It is booked, quite often, for promotional events, large instruction courses, and troop meetings. In offering courses and necessary commercial vehicle safety training, to all CVSA certified law enforcement inspectors, the limited availability of Carrel Hall is not sufficient. To ensure a set standard of training to enforcement officer, as expected by the commercial vehicle industry, a dedicated classroom is essential. Consistent enforcement of commercial vehicle regulations will ensure commerce is timely and safe.*

*Further, a dedicated classroom is necessary for commercial training because the safety training conducted by the Motor Carrier Programs & Training (MCP&T) section requires a "hands on" approach. This interaction with the vehicle components of a commercial inspection ensures the student will have the tools to conduct a standard CVSA certified inspection. These required vehicle components consist of the following:*

- *3' axle springs;*
- *air brake canisters;*
- *3' commercial tires, several at different stages of difficulty;*
- *brake pads and shoes; and*
- *fully operation air brake system.*

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

*Performance-Based Brake Tester Acquisition and Installation, Dumont Port of Entry*

### PROGRAM PLAN STATUS

2015-037

Approved Program Plan?  No

Date Approved:

### PRIORITY NUMBERS

<b>Prioritized By</b>	<b>Priority</b>	
Dept/Inst	3 of 3	
OSP/B	N/A of 42	Recommended for funding from cash sources.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CF	\$0	\$500,000	\$0	\$0	\$500,000
<b>Total</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$50,000	\$0	\$0	\$50,000
Construction	\$0	\$450,000	\$0	\$0	\$450,000
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

### PROJECT STATUS

This is a new, never-before requested project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Public Safety (DPS) is requesting cash funds spending authority to purchase a performance-based brake tester (PBBT) system and install it at the Dumont Port of Entry along Interstate 70 in Clear Creek County. This new technology will allow the department to conduct safety inspections of the braking systems on commercial motor vehicles in a timely and accurate manner. PBBT systems make a quantifiable assessment of a vehicle's brake performance by directly measuring brake forces, and these systems are able to detect air system, drum, and parking brake problems. Placing such a system at the Dumont Port of Entry will allow DPS to inspect commercial vehicle brakes prior to traveling on the downgrade in the Eisenhower Tunnel. Commercial vehicles that do not pass inspection are taken out of service. The project includes the purchase of a PBBT system through a bid process; installation of the system, including ground work, through contract; and upgrades to the Dumont Port-of-Entry's electrical infrastructure if it is determined the facility has insufficient electrical capacity to support the system.

### PROJECT JUSTIFICATION

By increasing the speed and efficiency of commercial vehicle brake safety inspections at the Dumont Port of Entry

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

### *Performance-Based Brake Tester Acquisition and Installation, Dumont Port of Entry*

using PBBT technology, the department says it will be able to increase the number of brake inspections it performs, thus reducing the number of accidents involving commercial vehicles and improving safety along Interstate 70. There has been a reduction in the number of commercial vehicle crashes in Colorado over the last three years, but the department says this record of safety may be improved, and brake performance is a major factor in commercial vehicle crashes. In 2012, safety issues detected during commercial vehicle inspections resulted in 24 percent of vehicles inspected being taken out of service, 35 percent of which were for brake safety violations. According to DPS, there are currently ten times as many commercial vehicles traveling on Colorado highways as the number of safety inspections performed at ports of entry or as the result of a traffic stop. Using existing technology at the ports of entry, commercial vehicle brake inspections take about 30 minutes to perform, while PBBT systems allow inspectors to perform an inspection in ten minutes, thereby increasing the number of inspections that may be performed. This will lead to safer highway travel, says the department.

In addition to improving highway safety, the department says installing the PBBT system will improve traffic flow along Interstate 70. Removing commercial motor vehicles with poorly performing brakes from the highway should not only reduce the number of accidents that cause traffic congestion, it should improve traffic flow in other ways. For instance, trucks with overheated brakes often pull over to the highway shoulder, constricting traffic flow. Placing these vehicles with poorly performing braking systems out of service at the Dumont Port of Entry should help remedy such situations.

### PROGRAM INFORMATION

DPS is responsible for operating ten stationary ports of entry, which perform size, weight, and safety inspections on commercial motor vehicles. In FY 2011-2012, the Department of Revenue and DPS conducted over 31,000 brake inspections in Colorado at ports of entry or during traffic stops. The ports-of-entry division migrated to DPS on July 1, 2012.

### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2014	September 2014
Purchase	July 2014	November 2014
Installation	November 2014	June 2015
Occupancy		

### LEED CERTIFICATION INFORMATION

No state funds were requested for the project so it is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program.

### SOURCE OF CASH FUNDS

The source of cash funds for the project is excess uncommitted reserves from the Motor Carrier Fund that have been transferred to the Hazardous Materials Safety Fund pursuant to state law. This funding is generated by fees levied on motor carriers and associated entities required to register with the U.S. Department of Transportation under the Unified Carrier Registration System. The department says that funding the project from this source will require a change to Section 40-2-110.5 (9)(a), C.R.S.

### OPERATING BUDGET

The department says any incremental operating budget increases associated with the project will be absorbed within current operating budgets for the Motor Carrier Safety Section and Port-of-Entry program.

# Fiscal Year 2014-15 Capital Construction Request

## Public Safety

*Performance-Based Brake Tester Acquisition and Installation, Dumont Port of Entry*

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### STAFF QUESTIONS AND ISSUES

None.

**Department of Public Safety  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Current Year Request(s)</i>							
G.R. Carrel Hall Renovation	CCF	\$0	\$0	\$0	\$0	\$0	\$0
	CF	545,633	0	0	0	0	\$545,633
Motor Carrier Training Facility and Dormitory	CCF	0	0	0	0	0	\$0
	CF	1,200,000	0	0	0	0	\$1,200,000
Performance-Based Brake Tester Acquisition and Installation, Dumont Port of Entry	CCF	0	0	0	0	0	\$0
	CF	500,000	0	0	0	0	\$500,000
<i>Out Year Request(s)</i>							
Boulder County Troop Office, Colorado State Patrol	CCF	0	2,375,360	0	0	0	\$2,375,360
	CF	0	0	0	0	0	\$0
Business System Replacement, Ports of Entry	CCF	0	0	0	0	0	\$0
	CF	0	1,500,000	0	0	0	\$1,500,000
CCIC/AFIS Capacity Upgrade, Colorado Bureau of Investigation	CCF	0	1,700,000	0	0	0	\$1,700,000
	CF	0	0	0	0	0	\$0
CCIC Network Upgrade	CCF	0	1,426,005	0	0	0	\$1,426,005
	CF	0	0	0	0	0	\$0
Communications System - Digital Recorders, Colorado State Patrol	CCF	0	520,000	0	0	0	\$520,000
	CF	0	0	0	0	0	\$0
Durango District and Troop Office, Colorado State Patrol	CCF	0	0	216,300	1,446,506	0	\$1,662,806
	CF	0	0	0	0	0	\$0
Facility Purchase for Department of Public Safety	CCF	0	0	1,545,000	16,473,157	30,900,000	\$48,918,157
	CF	0	0	0	0	0	\$0
Investigative Support System, Colorado Bureau of Investigation	CCF	0	0	0	555,673	0	\$555,673
	CF	0	0	0	0	0	\$0
Modular Sub-Troop Offices, Colorado State Patrol	CCF	0	619,825	0	0	0	\$619,825
	CF	0	0	0	0	0	\$0

**Department of Public Safety (Cont.)  
Five-Year Projection of Need  
FY 2014-15 through FY 2018-19**

Project Title	Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Totals
<i>Out Year Request(s) (Cont.)</i>							
Pueblo District and Troop Office, Colorado State Patrol	CCF	0	0	0	259,560	1,735,807	\$1,995,367
	CF	0	0	0	0	0	\$0
Timekeeping, Scheduling, and Leave System Modernization	CCF	0	397,400	0	0	0	\$397,400
	CF	0	707,000	0	0	0	\$707,000
Turbo 182 Aircraft	CCF	0	0	0	0	0	\$0
	CF	0	676,038	0	0	0	\$676,038
<i>Total: State Funds</i>		0	7,038,590	1,761,300	18,734,896	32,635,807	\$60,170,593
<b>Grand Total</b>		<b>\$2,245,633</b>	<b>\$9,921,628</b>	<b>\$1,761,300</b>	<b>\$18,734,896</b>	<b>\$32,635,807</b>	<b>\$65,299,264</b>

# Fiscal Year 2014-15 Capital Construction Request

## Revenue

*IT Systems Replacement, Division of Motor Vehicles*

### PROGRAM PLAN STATUS

2015-046

Approved Program Plan?

Date Approved:

### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
OSPB	9 of 42	Recommended for funding.

### PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
CCF	\$0	\$41,021,167	\$52,350,833	\$0	\$93,372,000
<b>Total</b>	<b>\$0</b>	<b>\$41,021,167</b>	<b>\$52,350,833</b>	<b>\$0</b>	<b>\$93,372,000</b>

### ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2014-15	FY 2015-16	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$9,109,167	\$16,720,833	\$0	\$25,830,000
Construction	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$14,791,000	\$3,200,000	\$0	\$17,991,000
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$1,910,000	\$2,430,000	\$0	\$4,340,000
Software Acquisition	\$0	\$15,211,000	\$30,000,000	\$0	\$45,211,000
<b>Total</b>	<b>\$0</b>	<b>\$41,021,167</b>	<b>\$52,350,833</b>	<b>\$0</b>	<b>\$93,372,000</b>

### PROJECT STATUS

This is a new, never-before requested project. See Project Description / Scope of Work section for information about an associated project.

### PROJECT DESCRIPTION / SCOPE OF WORK

The Department of Revenue (DOR), in cooperation with the Governor's Office of Information Technology (OIT), is requesting state funds for the first phase of a two-phase project to replace the software systems used by the Division of Motor Vehicles (DMV) to process driver's licenses, and titles and registrations, known respectively as the Driver's License System (DLS) and the Colorado State Titling and Registration System (CSTARS). The department is seeking a replacement software that will unify the two systems into one master system, be vendor-provided in a state-hosted environment, and be supported by network architecture designed by OIT. This year's request for Phase I replaces the DLS. Phase II will replace CSTARS.

**CSTARS upgrade history.** House Bill 01-1100 provided initial funding to upgrade and replace CSTARS through a temporary, \$2.30 increase in a title fee. The department originally began work on upgrading the system in 2000. In April 2004, the vendor, AvanaDe, was served with a "notice of nonperformance," however the contract was subsequently amended, and the project recommenced in July 2004. The system went live for state users in September 2006. Although some improvements were noted over the legacy system, there were numerous issues

## Fiscal Year 2014-15 Capital Construction Request

### Revenue

#### *IT Systems Replacement, Division of Motor Vehicles*

with its functionality. The system was later partially deployed to the counties, but concerns with the system emerged by February 2007, and by April 2007 the department reverted to the legacy system. In 2007, the department hired an outside consultant, North Highland, to assess the system and to determine whether and how to complete the project. The consultant found that the CSTARs application did not meet the needs of state users and there existed "a major gap between the needs of the county and the current functionality provided," but that the concern of greatest significance was poor project management of the CSTARs upgrade. The consultant concluded that "The DOR does not have the operational capability to manage, develop, and operate a system of this complexity." The total cost of the attempted upgrade, including a feasibility study, was about \$11.6 million. The project received an appropriation from FY 2000-01 through FY 2004-05, funded through cash funds, including moneys from the Highway Users Tax Fund and the CSTARs Account.

The department is currently developing an RFP to be issued in January 2014 for a consultant who will write the system requirements and the vendor RFP. The department plans to release the vendor RFP in March 2014 and award it in July 2014. Phase I of the project is expected to begin September 2014, and Phase II of the project is expected to begin in March 2016, with the expected project completion date of October 2017. The department has assembled three committees to participate in this process: the DMV Technology Steering Committee consists of agency employees, department directors, financial officers, and representatives from OIT, the Statewide Internet Portal Authority, and counties; the Business Process and Technical Committee consists of detailed program managers, subject matter experts, county representation, and the vendor; and the Valuation Committee, which will award the RFPs. Attachment A details the membership of these committees.

The project includes costs for:

- software and license acquisition;
- consultants, designers, independent testers, and trainers;
- contract employees to work several months of the year while full-time employees are engaged in project development and design;
- 16,000-GSF of leased work space; and
- hardware, including servers, storage, backup, and network equipment.

### PROJECT JUSTIFICATION

The department says that the obsolete information technology system currently in place at the state and county DMVs poses a significant risk of catastrophic failure in systems and loss of motor vehicle data, and causes everyday problems like outages, costly maintenance, overly complicated user interface, lack of real-time data exchanges, and security issues. According to the department, the DLS and CSTARs systems significantly impact the provision of customer service, lack flexibility in updating and communicating information to driver and vehicle services customers, are extremely complex to navigate, limit electronic payment options, and lack stability.

In 2012, the DOR hired a consultant to assess the current state of the motor vehicle information technology infrastructure. During the assessment, it was discovered that the DLS application was available 92.2 percent of the time in 2011, which equates to 419 hours of unplanned downtime, while the CSTARs application was available 84.4 percent of the time in 2011, which equates to 1,689 hours of unplanned downtime. These outages impact citizens, county and state employees, and agency partners. In one such outage of the CSTARs system in March 2011, 880 FTE hours were required to work through the backlog.

The assessment also concluded that the DMV operates on a range of diverse and disparate systems that have often been developed independent of one another. This causes the following major problems:

- (1) frequent application downtime, impacting customer wait times and staff productivity;
- (2) obsolete software that is limited in its functionality and not conducive for future application development;
- (3) dependence on specialized, costly, and labor-intensive technical support;
- (4) lack of real-time data exchanges and reporting capabilities; and
- (5) security issues that include lack of internal controls like user tracking and access levels.

# Fiscal Year 2014-15 Capital Construction Request

## Revenue

### *IT Systems Replacement, Division of Motor Vehicles*

Finally, when legislation passes that impacts DMV processes, the inflexibility of the software system requires labor-intensive updates. Because of the complicated user interfaces of DLS and CSTARS, the department has few employees capable of making these changes.

**Project alternatives.** The department worked closely with the 2012 consultant and OIT to identify viable options to modernize or replace the DLS and CSTARS systems. The study identified and analyzed options which included: doing nothing, transforming some or all of the current systems, and replacing some or all of the current systems. In order to meet the DMV's business, technical, and operational goals, the department opted for a complete replacement of all systems.

### PROGRAM INFORMATION

**The Driver's License System (DLS).** DLS processes driver's license documents from 56 offices throughout the State of Colorado, including 36 state offices and 20 county offices. The system annually processes over 5.1 million records, including driver's licenses, permits, identification cards, and commercial driver's licenses. The DLS was installed in 1995, utilizes over 50 distinct processes, and depends upon complete technical support from the DOR, including hardware, software, and communication links.

There are a number of governmental agencies that interface with the DLS, including: the Secretary of State for motor vehicle registration vehicle information; the Colorado Bureau of Investigation for law enforcement driver inquiries; the Colorado Benefits Management System and the Department of Labor and Employment for lawful presence verification; the Colorado court system for driver citation and conviction information; the Department of Health and Environment for death record transfers; and the U.S. Department of Defense for selective service registration information. The Donor Alliance and Colorado Interactive also interface with the system.

**The Colorado State Titling and Registration System (CSTARS).** CSTARS processes title and registration documents from 64 county offices in 106 statewide locations and one department-operated office. There are over 5.2 million registered vehicles in the state. The current version of CSTARS was developed and implemented in the mid-1980s and consists of two major subsystems, the county Distributed Data Processing System and the Statewide Data Warehouse System.

There are a number of agencies that interface with CSTARS, including: the Colorado Bureau of Investigation for stolen vehicle information; the Regional Transportation District for registration inquiries; the Colorado State Patrol ports of entry for registration and permit issuances; Envirotest for emissions test compliance information; various law enforcement agencies for parking and traffic enforcement registration inquiries; and the National Motor Vehicle Titling Information System for nationwide registration information.

### PROJECT SCHEDULE

	Start Date	Completion Date
Requirements Phase	March 2014	May 2014
Contract Evaluation and Selection	May 2014	September 2014
DLS Portion	September 2014	March 2016
CSTARS Portion	March 2016	September 2017
The department does not have timelines finalized since the project scope and system requirements have not yet been developed.		

### LEED CERTIFICATION INFORMATION

The project is not required to comply with the provisions of Senate Bill 07-051 regarding the High Performance Certification Program because it is an information technology project and does not involve the renovation, design, or

# Fiscal Year 2014-15 Capital Construction Request

## Revenue

*IT Systems Replacement, Division of Motor Vehicles*

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construction of a physical facility.

### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

### OPERATING BUDGET

This project has no impact on state operating costs for FY 2014-15. The department pays maintenance costs for the existing systems from cash fund sources; however, it anticipates that General Fund or a new source of cash funds will be needed for vendor maintenance fees, support, and limited development once the new system is online.

### STAFF QUESTIONS AND ISSUES

1. The request includes \$10.0 million in DOR staff backfill and \$3.7 million in OIT staff backfill over two phases. Please define staff backfill and explain why this cost is not incorporated into the DOR operating budget or categorized as professional services.

*The request delineates the costs for backfill of both department staff and OIT staff. Providing backfill support for existing staff is critical to the success of the project and to maintain existing operations. The CITA project, which was successfully completed in December 2012, utilized backfill staff for the business and OIT due to the length and time commitment of the project. As part of the Professional Services costs, funding was identified for a Project Manager and a Department Project Team. In 2007, the department underwent a review of its ability to meet the staffing demands of the CITA project and a project readiness assessment conducted by a consultant. The study concluded that there are several factors critical for the success of the CITA project. These included Project Management and a Project Team with the latter being identified as the largest risk for the project. The roles for the Project Team included business analysts, IT representatives, part-time team members, organizational change management, project preparation, and business process reengineering.*

*In the CITA project, specific department and OIT staff was identified to support the project throughout its duration to assist in writing business requirements and definitions, system design, user acceptance and system testing, and updating or changing business processes and procedures. As this staff was utilized on the project, current work assignments still had to be performed and it was not reasonable for this staff to fulfill their project responsibilities and simultaneously perform their regular work assignments. Consequently, temporary staff was hired to backfill the staff assigned to the project.*

*For transparency purposes, the department delineated these costs including the position titles, full-time equivalent, and hourly rate to support the funding request. The intent is for this staff to be utilized on a temporary basis to provide backfill for those staff assigned either full-time or part-time throughout the duration of the project. Because DMV provides direct customer service, current work assignments still have to be performed to ensure service delivery is not negatively impacted during the project. Based on the CITA project, the department feels the cost for backfill staff is an appropriate cost of the project and should be funded through its appropriation. However, the department will defer whether this cost is more appropriately classified as Professional Services.*

## **IT Systems Replacement** Division of Motor Vehicles, Department of Revenue

The following committees have been formed to consider the Department of Revenue – Division of Motor Vehicles IT Systems Replacement Project. A third Valuation Committee will be formed around the RFP process.

### **DMV Technology Steering Committee**

**Department of Revenue:**

*Executive Director  
Deputy Executive Director  
Chief Financial Officer  
Senior Director DMV  
Deputy Director DMV  
Senior Director Taxation Division  
PMO Program Manager  
Project Manager*

**Office of Information Technology:**

*Chief Operations Officer  
Chief Technology Officer  
Chief Financial Officer  
Chief Information Security Officer  
Project Manager  
Project Manager  
OIT/DOR IT Director  
Chief Customer Officer*

**Other Representatives:**

*County Representative  
SIPA Executive Director*

### **Business Process and Technical Committee**

**Department of Revenue:**

*Driver License Director  
Driver Services Director  
Titles and Registration Director  
Investigations Director  
Department Controller  
Purchasing and Contracts Services  
Director  
Project Manager*

**Office of Information Technology:**

*Application Development  
Representative  
Network Representative  
Server Representative  
Security Architect  
Enterprise/Solutions Architect  
Database Architect  
Customer Service Representative  
Information Security Officer  
Project Manager*

**Other Representatives:**

*SIPA Representative  
County Representative*

**Other Subject Matter Experts as needed:**

*CSTARS contractor  
DOR Internal Audit  
DOR Hearings Division  
DOR Communications Office  
DOR Emissions Division  
Secretary of State Office  
Law Enforcement Representative  
Attorney General Office*

# Fiscal Year 2014-15 Capital Construction Request

## Transportation

### *Highway Construction Projects*

#### PROGRAM PLAN STATUS

1996-110

Approved Program Plan?

Date Approved:

#### PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	1 of 1	
OSPB	20 of 42	Prioritized, but not recommended for funding.

#### PRIOR APPROPRIATION AND REQUEST INFORMATION

<u>Fund Source</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
CCF	\$11,000,000	\$1,615,000	\$0	\$0	\$12,615,000
CCFE	\$431,504,419	\$0	\$0	\$0	\$431,504,419
<b>Total</b>	\$442,504,419	<b>\$1,615,000</b>	\$0	\$0	\$444,119,419

#### ITEMIZED COST INFORMATION

<u>Cost Item</u>	<u>Prior Approp.</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>Future Requests</u>	<u>Total Cost</u>
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$0	\$0	\$0	\$0
Construction	\$442,504,419	\$1,615,000	\$0	\$0	\$444,119,419
Equipment	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Software Acquisition	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	\$442,504,419	<b>\$1,615,000</b>	\$0	\$0	\$444,119,419

#### PROJECT STATUS

This is an ongoing request. CDOT has not requested funding under this project during the last four fiscal years, but the Joint Budget Committee has recommended, and the General Assembly has approved, \$500,000 in capital construction funding through a transfer from the General Fund Exempt account for the project during these years.

The department has opted to not submit a capital construction request to the Capital Development Committee (CDC) in recent years due to a decline in state revenues, and in deference to the needs of other departments and the General Assembly's financial challenges. Since revenues have begun to recover, and recognizing the backlog of transportation needs throughout the state, the Transportation Commission has chosen to submit a single project request to the committee.

#### PROJECT DESCRIPTION / SCOPE OF WORK

The Colorado Department of Transportation (CDOT) is requesting state funds to upgrade the lighting system in Hanging Lake Tunnel in Glenwood Canyon along Interstate 70. The project replaces an obsolete lighting system that poses a safety hazard for drivers. The Transportation Commission is required to annually submit a capital construction request for state highway construction, repair, and maintenance projects to the CDC to be funded with capital construction funds, pursuant to Section 2-3-1304 (1)(a.5), C.R.S., and Section 43-1-113 (2.5), C.R.S.

# Fiscal Year 2014-15 Capital Construction Request

## Transportation

### Highway Construction Projects

#### PROJECT JUSTIFICATION

CDOT says the lighting system in Hanging Lake Tunnel is over 20 years old and obsolete. The tunnel is fitted with 1,592 eight-foot-long light fixtures, and the lamps and ballasts used in the system are no longer used or available. Recognizing this, the department has stockpiled spare lighting system equipment, but says it will run out of these spare components within the year. Light lenses are hazed, brittle, and deteriorated, and up to 10 percent of these components are cracked or broken, posing a significant safety hazard for drivers. Each week, CDOT replaces approximately 20 lamps and 5 ballasts with new lenses from its dwindling supply of spares. The replacement lighting system will include fluorescent retrofittings and new lenses, which will enhance visibility and provide an estimated 10 percent energy savings. The result will be a safer driving experience in the tunnel and cost savings due to energy efficiency, according to CDOT.

#### PROGRAM INFORMATION

See Project Description / Scope of Work section.

#### PROJECT SCHEDULE

	Start Date	Completion Date
Design	July 2013	June 2015
Construction	July 2015	June 2016
Equipment		
Occupancy		June 2016

#### LEED CERTIFICATION INFORMATION

The project is not required to comply with the requirements of Senate Bill 07-051 regarding the High Performance Certification Program because state highways do not fall under the statutory definition of state-assisted facilities.

#### SOURCE OF CASH FUNDS

This project is not funded from cash sources.

#### OPERATING BUDGET

This project has no impact on state operating costs.

#### STAFF QUESTIONS AND ISSUES

None.



# STATE OF COLORADO

DEPARTMENT OF HIGHER EDUCATION  
*Colorado Commission on Higher Education*

John Hickenlooper  
Governor

Lt. Gov. Joseph A. Garcia  
Executive Director

Richard Kaufman, Chair  
Patricia L. Pacey, Vice Chair  
Luis Colon  
Jeanette Garcia  
Allegra Haynes  
Monte Moses

C. Hereford Percy  
James T. Polsfut  
Regina Rodriguez  
BJ Scott

## **MEMORANDUM**

TO: Representative Edward Vigil, Capital Development Committee  
FROM: Tonya Covarrubias, CCHE  
DATE: October 23, 2013  
SUBJECT: FY 2014-2015 CCHE Prioritized Capital Submission

Dear Honorable Representative Vigil:

Enclosed with this letter are: the FY 2013-14 state funded capital construction requests for higher education and the Colorado Commission on Higher Education's capital construction priority list. The Colorado Commission on Higher Education (CCHE) has the statutory authority and responsibility under C.R.S. 23-1-106(7)(a), to submit a recommended capital construction priority list for the system of public higher education.

CCHE's Capital Assets Sub-Committee, consisting of three Commissioners, is responsible for prioritizing the projects that are submitted to the Department of Higher Education by the institutions. CCHE as a whole then reviews the priority list. For the FY 2014-2015 prioritization, the Commission used a scoring system to rank the projects based on the Governor's Office of State Planning and Budgeting's (OSPB) prioritization criteria and governing board priority.

While thirty-two (32) projects were submitted by institutions, the Governor's Office of State Planning and Budgeting (OSPB) limited CCHE to submitting their top twenty (20) priorities. As in previous years when OSPB has limited the number of projects CCHE could submit, this year CCHE will be submitting their priority list in whole to the Capital Development Committee (CDC) as a continuing statement of need from the institutions for state capital construction funds.

Thirty-three (33) projects were submitted to the Department of Higher Education by the institutions:

Institution	Project Name
ACC	Science and Health Lab Renovation*
AHEC	Auraria Library Renovation
ASU	Classroom Acquisition and Renovations (East Campus)*
CCHE	Federal Mineral Lease Certificates of Participation
CMU	Expansion of Tomlinson

	Health Sciences – Nurse Practitioner Center*
	Trigeneration (Combined Cooling Heat & Power)*
CSM	Meyer Hall Replacement*
	Heating Plant Renovation*
CSU-FC	Chemistry Addition
	Animal Sciences Building Renovation – Phase 2*
	Engineering II Building
	Warner College of Natural Resources Addition*
	Shepardson Addition & Renovation*
	Agricultural Education Building*
	San Luis Valley Research Center Additions and Renovations*
CSU-P	Psychology Building Renovation and Addition
FLC	Berndt Hall Reconstruction Geosciences / Physics / Engineering
FRCC	Larimer Campus Allied Health and Nursing Building*
	Westminster Campus Central Plant Upgrade*
MSU Denver	Aviation, Aerospace and Advanced Manufacturing*
OJC	Agriculture Science Remodel**
PPCC	Student Learning Commons and Black Box*
RRCC	Arvada Health Sciences Building*
TSJC	Valley Campus*
UCB	Ketchum Arts & Sciences Capital Renewal
	Aerospace & Energy Systems Building
UCCS	Visual and Performing Arts***
UCD	Anschutz Medical Campus Certificates of Participation
	Denver-North Classroom Building Renovation*
	Interdisciplinary Building – Phase 1*
	Denver-Instructional Lab Wing*
WSCU	Quigley Hall Renovation
<p>* New projects for FY 2014-15 request; Program Plans were approved by CCHE at their October 3<sup>rd</sup> meeting.</p> <p>**OJC’s Agriculture Remodel project was approved for an under \$2 million program plan waiver by CCHE</p> <p>***UCCS’s Visual and Performing Arts program plan amendment was approved by CCHE</p>	

For the enclosed priority list, the CCHE has ranked and recommended all thirty-three (33) projects submitted by institutions of higher education. The Certificate of Participation (COP) projects were not ranked as they are statutorily required. Thank you for your consideration.

Sincerely,



Tonya Covarrubias  
Finance Policy Officer  
Colorado Commission on Higher Education

Colorado Commission on Higher Education Approved FY 2014-15  
State Funded Capital Priorities

Priority	Inst	Project Name		Prior Appropriations	Current Request	Out Year Requests	Total	Cumulative Current State Funds
N/A	UCD	Anschutz Medical Campus Certificates of Participation	CCF	\$107,320,563	\$7,290,738	\$26,961,114	\$141,572,415	\$7,290,738
			CF	\$0	\$7,000,000	\$30,000,000	\$37,000,000	
			TF	\$107,320,563	\$14,290,738	\$56,961,114	\$178,572,415	
N/A	CCHE	Federal Mineral Lease Certificates of Participation	CCF	\$23,074,669	\$18,587,556		\$41,662,225	\$25,878,294
			CF	\$61,239,403	\$0		\$61,239,403	
			TF	\$84,314,072	\$18,587,556	\$74,275,564	\$102,901,628	
1	CSM	Meyer Hall Replacement	CCF	\$0	\$14,600,000	\$0	\$14,600,000	\$40,478,294
			CF	\$0	\$0	\$30,000,000	\$30,000,000	
			TF	\$0	\$14,600,000	\$30,000,000	\$44,600,000	
2	FLC	Berndt Hall Reconstruction Geosciences / Physics	CCF	\$1,961,546	\$20,827,755	\$8,293,345	\$31,082,646	\$61,306,049
			CF	\$0	\$2,115,987	\$0	\$4,231,974	
			TF	\$1,961,546	\$22,943,742	\$10,409,332	\$35,314,620	
3	CSU-FC	Chemistry Addition	CCF	\$0	\$15,000,000	\$35,000,000	\$50,000,000	\$76,306,049
			CF	\$0	\$5,400,000	\$0	\$5,400,000	
			TF	\$0	\$20,400,000	\$35,000,000	\$55,400,000	
4	UCB	Ketchum Arts & Sciences Capital Renewal	CCF	\$657,726	\$11,592,712	\$0	\$12,250,438	\$87,898,761
			CF	\$0	\$1,149,528	\$0	\$1,149,528	
			TF	\$657,726	\$12,742,240	\$0	\$13,399,966	
5	AHEC	Auraria Library Renovation	CCF	\$4,000,000	\$22,848,307	\$0	\$26,848,307	\$110,747,068
			CF	\$0	\$0	\$0	\$0	
			TF	\$4,000,000	\$22,848,307	\$0	\$26,848,307	
6	RRCC	Arvada Health Sciences Building	CCF	\$0	\$10,000,000	\$0	\$10,000,000	\$120,747,068
			CF	\$0	\$12,532,288	\$0	\$12,532,288	
			TF	\$0	\$22,532,288	\$0	\$22,532,288	
7	MSU Denver	Aviation, Aerospace and Advanced Manufacturing	CCF	\$0	\$5,279,128	\$14,720,872	\$20,000,000	\$126,026,196
			CF	\$0	\$0	\$40,000,000	\$40,000,000	
			TF	\$0	\$5,279,128	\$54,720,872	\$60,000,000	
8	CMU	Expansion of Tomlinson Library	CCF	\$0	\$18,462,102	\$0	\$18,462,102	\$144,488,298
			CF	\$0	\$6,037,654	\$0	\$6,037,654	
			TF	\$0	\$24,499,756	\$0	\$24,499,756	
9	ASU	Classroom Acquisition and Renovations (East Campus)	CCF	\$0	\$5,843,218	\$0	\$5,843,218	\$150,331,516
			CF	\$0	\$0	\$0	\$0	
			TF	\$0	\$5,843,218	\$0	\$5,843,218	
10	UCCS	Visual and Performing Arts Building	CCF	\$4,684,334	\$13,281,999	\$9,608,699	\$27,575,032	\$163,613,515
			CF	\$0	\$21,413,439	\$6,980,000	\$28,393,439	
			TF	\$4,684,334	\$34,695,438	\$16,588,699	\$55,968,471	
11	WCSU	Quigley Hall Renovation	CCF	\$0	\$25,779,853	\$0	\$25,779,853	\$189,393,368
			CF	\$0	\$0	\$0	\$0	
			TF	\$0	\$25,779,853	\$0	\$25,779,853	
12	CSU-FC	Animal Sciences Building Renovation Phase 2	CCF	\$0	\$4,863,456	\$0	\$4,863,456	\$194,256,824
			CF	\$9,500,000	\$0	\$0	\$9,500,000	
			TF	\$9,500,000	\$4,863,456	\$0	\$14,363,456	
13	ACC	Science and Health Lab Renovation	CCF	\$0	\$5,879,416	\$5,761,758	\$11,641,174	\$200,136,240
			CF	\$0	\$1,469,854	\$1,440,439	\$2,910,293	
			TF	\$0	\$7,349,270	\$7,202,197	\$14,551,467	
14	CSM	Heating Plant Renovation	CCF	\$0	\$6,150,000	\$0	\$6,150,000	\$206,286,240
			CF	\$0	\$6,150,000	\$0	\$6,150,000	
			TF	\$0	\$12,300,000	\$0	\$12,300,000	
15	CSU-P	Psychology Building Renovation and Addition	CCF	\$0	\$2,308,268	\$14,000,315	\$16,308,583	\$208,594,508
			CF	\$0	\$0	\$0	\$0	
			TF	\$0	\$2,308,268	\$14,000,315	\$16,308,583	
16	CMU	Health Sciences-Nurse Practitioner Center	CCF	\$0	\$6,974,130	\$0	\$6,974,130	\$215,568,638
			CF	\$0	\$2,000,000	\$0	\$2,000,000	
			TF	\$0	\$8,974,130	\$0	\$8,974,130	
17	UCD	Denver-North Classroom Building Renovation	CCF	\$0	\$7,846,650	\$0	\$7,846,650	\$223,415,288
			CF	\$0	\$12,683,469	\$0	\$12,683,469	
			TF	\$0	\$20,530,119	\$0	\$20,530,119	
18	UCB	Aerospace and Energy Systems Building	CCF	\$0	\$4,354,159	\$23,936,557	\$28,290,716	\$227,769,447
			CF	\$0	\$2,902,772	\$15,957,704	\$18,860,477	
			TF	\$0	\$7,256,931	\$39,894,261	\$47,151,193	
19	FRCC	Larimer Campus Allied Health & Nursing Building	CCF	\$0	\$19,867,000	\$0	\$19,867,000	\$247,636,447
			CF	\$0	\$4,000,000	\$0	\$4,000,000	
			TF	\$0	\$23,867,000	\$0	\$23,867,000	
20	PPCC	Student Learning Commons and Black Box	CCF	\$0	\$3,987,186	\$0	\$3,987,186	\$251,623,633
			CF	\$0	\$996,797	\$0	\$996,797	
			TF	\$0	\$4,983,983	\$0	\$4,983,983	
<b>20 Project Line Totals</b>								
<b>Totals</b>			CCF		\$251,623,633			
			CF		\$85,851,788			
			TF		\$337,475,421			

Priority	Inst	Project Name		Prior Appropriations	Current Request	Out Year Requests	Total	Cumulative Current State Funds
21	TSJC	Valley Campus	CCF	\$0	\$5,026,603	\$18,533,131	\$23,559,734	\$256,650,236
			CF	\$0	\$450,000	\$4,100,000	\$4,550,000	
			TF	\$0	\$5,476,603	\$22,633,131	\$28,109,734	
22	CSU-FC	Engineering II Building	CCF	\$0	\$5,990,038	\$0	\$5,990,038	\$262,640,274
			CF	\$67,177,395	\$0	\$0	\$67,177,395	
			TF	\$67,177,395	\$5,990,038	\$0	\$73,167,433	
23	OJC	Agriculture Science Remodel	CCF	\$0	\$1,393,800	\$0	\$1,393,800	\$264,034,074
			CF	\$0	\$400,000	\$0	\$400,000	
			TF	\$0	\$1,793,800	\$0	\$1,793,800	
24	CSU-FC	Warner College of Natural Resources Addition	CCF	\$0	\$9,977,927	\$0	\$9,977,927	\$274,012,001
			CF	\$0	\$10,000,000	\$0	\$10,000,000	
			TF	\$0	\$19,977,927	\$0	\$19,977,927	
25	CSU-FC	Shepardson Addition & Renovation	CCF	\$0	\$22,737,962	\$0	\$22,737,962	\$296,749,963
			CF	\$0	\$9,000,000	\$0	\$9,000,000	
			TF	\$0	\$31,737,962	\$0	\$31,737,962	
26	CMU	Trigeneration (Combined Cooling Heat & Power)	CCF	\$0	\$6,814,092	\$0	\$6,814,092	\$303,564,055
			CF	\$0	\$0	\$0	\$0	
			TF	\$0	\$6,814,092	\$0	\$6,814,092	
27	UCD	Interdisciplinary Building Phase 1	CCF	\$0	\$11,421,349	\$11,820,703	\$23,242,052	\$314,985,404
			CF	\$0	\$11,421,349	\$11,820,703	\$23,242,052	
			TF	\$0	\$22,842,698	\$23,641,406	\$46,484,104	
28	UCD	Denver-Instructional Lab Wing	CCF	\$0	\$9,462,977	\$0	\$9,462,977	\$324,448,381
			CF	\$0	\$9,462,977	\$0	\$9,462,977	
			TF	\$0	\$18,925,954	\$0	\$18,925,954	
29	CSU-FC	Agricultural Education Building	CCF	\$0	\$3,317,072	\$0	\$3,317,072	\$327,765,453
			CF	\$0	\$1,000,000	\$0	\$1,000,000	
			TF	\$0	\$4,317,072	\$0	\$4,317,072	
30	CSU-FC	San Luis Valley Research Center Additions & Renovations	CCF	\$0	\$4,800,000	\$0	\$4,800,000	\$332,565,453
			CF	\$0	\$0	\$0	\$0	
			TF	\$0	\$4,800,000	\$0	\$4,800,000	
31	FRCC	Westminster Campus Central Plant Upgrade	CCF	\$0	\$4,366,780	\$0	\$4,366,780	\$336,932,233
			CF	\$0	\$0	\$0	\$0	
			TF	\$0	\$4,366,780	\$0	\$4,366,780	
<b>Totals</b>			CCF		\$336,932,233			
			CF		\$127,586,114			
			TF		\$464,518,347			

# STATE OF COLORADO

## OFFICE OF STATE PLANNING AND BUDGETING

111 State Capitol Building  
Denver, Colorado 80203  
(303) 866-3317



John W. Hickenlooper  
Governor

Henry Sobanet  
Director

November 1, 2013

The Honorable Edward Vigil  
Chair, Capital Development Committee  
State Capital Building Room 029  
Denver, CO 80203

RE: OSPB Submission of FY 2014-15 Prioritized Capital Requests

Dear Representative Vigil:

As required by § 24-37-304 (1) (c.3) (II), C.R.S., the Governor's Office of State Planning and Budgeting (OSPB) is providing the prioritized capital construction requests for FY 2014-15. This November 1 package includes the following:

- A prioritized list of capital construction projects utilizing Capital Construction Funds;
- A non-prioritized list of capital construction projects utilizing 100% federal or cash funds, all recommended for funding;
- A prioritized list of Level I controlled maintenance projects;
- An updated assessment of the need for a General Fund transfer into the Capital Construction Fund, applying September 2013 assumptions;
- Four additional requests not included in the September 1, 2013 submission; and
- Six Capital Renewal requests.

OSPB anticipates that the FY 2014-15 budget will accommodate a greater level of capital construction spending than in recent years. However, the Governor has chosen to prioritize savings in this budget request in order to improve the State's ability to manage unexpected downturns in revenue. For this reason, Executive departments have been asked to limit their capital construction submissions to only their most critical projects. Projects requested have been prioritized based on the criteria below:

- Certificates of participation (COP) annual payments for existing projects will receive the highest priority;
- Projects that are partially funded by cash funds and/or federal funds will receive greater priority;
- Projects with clear and urgent life or safety implications;
- Requests for continuation of continuation projects appropriated in FY 2013-14 will receive a favorable priority;

- Projects that are funded partly by non-state funds and non-student fee funds;
- Projects with a space need analysis and a clear assessment of the individuals that will be served and how they will be better served by the project will receive higher priority;
- Projects in which the individual phases are stand-alone projects.
- All requests should be integral to achieving departments' policy goals or to individual institutions' planning goals; and
- Projects will be reviewed against the program plans for appropriateness, necessity, and sufficiency of the project with respect to programs, applicable state policies, plans, and standards.

As a part of this submission, CDHE will not submit higher education requests unless they meet OSPB criteria. However, the Commission on Higher Education reserves its ability under § 23-1-306 (7), C.R.S. to submit a prioritized list to the Capital Development Committee that may include projects deemed not to meet OSPB criteria. Also, please note that OSPB has delegated review of all 100% cash funded projects for institutions of higher education to the Department of Higher Education. These cash requests will be submitted directly to the Capital Development Committee by CDHE.

OSPB did not approve any inflationary adjustments for the FY 2014-15 capital construction requests.

Please feel free to contact Erick Scheminske at (303) 866-3024 or [erick.scheminske@state.co.us](mailto:erick.scheminske@state.co.us) with questions or concerns. At the Committee's request, I will also make myself available to present any necessary information at a future meeting.

Thank you for your consideration of these important requests.

Sincerely,



Henry Sobanet  
Director

cc: Senator Gail Schwartz, CDC, Vice-Chair, CDC  
Senator Randy Baumgardner, CDC  
Senator Cheri Jahn, CDC  
Representative Randy Fischer, CDC  
Representative Libby Szabo, CDC  
Henry Sobanet, Director, Governor's Office of State Planning and Budgeting  
Kori Donaldson, CDC Staff  
John Ziegler, Joint Budget Committee Staff Director  
Amanda Bickel, JBC Staff  
Larry Friedberg, Office of State Architect  
Mark Cavanaugh, CDHE

FY 2014-15 Prioritized Capital Construction Funds (CCF)										
OSBP Priority	CCHE Priority	Recommend Funding	Department	Division or Institution	Request Title	CC/CM/CR	IF	CCF	FY 2014-15 Request CFR/RF	Summary
1	N/A	Yes	Higher Ed	CU Health Sciences	Anschutz Medical Campus COP	CC	\$14,290,738	\$7,290,738	\$7,000,000	Funds the refinanced annual Certificates of Participation payments per the provisions of HB 03-1256. The buildings are constructed and occupied.
2	N/A	Yes	Higher Ed	Not Applicable	Federal Mineral Lease COP	CC	\$18,587,556	\$18,587,556	\$0	Funds the annual Certificates of Participation payments per the provisions of SB 08-233.
3		Yes	Corrections	Colorado State Penitentiary II	Centennial Correctional Facility Expansion COP	CC	\$18,426,771	\$18,426,771	\$0	Funds the sixth of twelve payments for the refinanced Centennial Correctional Facility Expansion Certificates of Participation (formerly CSP II).
4		Yes	Level I CM	Not Applicable	Controlled Maint. Level 1	CM	\$25,818,673	\$25,818,673	\$0	For FY2014-15 all Level I controlled maintenance is requested to be funded.
5		Yes	Information and Technology	Not Applicable	Digital Trunked Radio Renewal	CC	\$3,636,760	\$3,636,760	\$0	Lease-purchase payment of the Digital Trunked Radio System (DTR), the State's central public safety communications system.
6		Yes	Human Services	Office of Behavioral Health	MHI - Suicide Risk Mitigation Projects	CC	\$4,478,533	\$4,478,533	\$0	A 3-year request, that funds the third phase in a series of projects to mitigate risks of patient suicide and/or self-harm by removing and replacing building components at Colorado Mental Health Institutes at Fort Logan (CMHIFL) and Pueblo (CMHIP). This multi-phased project received funding in FY 2008-09.
7		Yes	Human Services	Division of Youth Corrections	DYC Facility Refurbishment for Safety and Risk Mitigation, Modernization	CC	\$1,100,000	\$1,100,000	\$0	Funding a comprehensive assessment and immediate safety needs in FY2014-15 and for design and construction of prioritized work at 12 facilities over the six following years.
8		Yes	Military and Veterans Affairs	Not Applicable	Veterans Memorial Cemetery Expansion	CC	\$4,564,922	\$4,564,922	\$0	Funds will expand the current capability of the cemetery and provide for burial operations which includes an increase of above ground niches by 672, double vaults by 1,650 and single vaults by 985. Furthermore, 1,827 square footage increase for the administration building and equipment storage.
9		Yes	Revenue	Motor Vehicles	DMV System Replacement	CC	\$41,021,167	\$41,021,167	\$0	Replacement of DLS and CSTARs systems. The request assumes a state-hosted environment supported by network architecture designed by OIT.
10		Yes	Corrections	Youthful Offender System	Youthful Offender System (YOS) Multi-Use Support Building (MUSB) Phase 2	CC	\$4,897,755	\$4,897,755	\$0	Funds are for a Multi-Use Support Building (MUSEB) on the Pueblo campus completing Phase II (design and construction) of the project. The Prison Utilization Study describes the present site as "deficient" without adequate facilities to house offenders.

11	Yes	Human Services	Division of State and Veterans Nursing Homes	State Veterans Homes Resident Security and Support	CC	\$2,871,500	\$1,428,500	\$0	\$1,443,000	Funds are for safety improvements and facility upgrades in three State Veterans Homes.
12	Yes	Human Services	Office of Behavioral Health	Electronic Health Record and Pharmacy Systems Replacement	CC	\$9,849,610	\$9,849,610	\$0	\$0	A 3-year request for a fully-integrated Electronic Health Record (EHR) system to replace the legacy pharmacy system to address problems identified in medication prescribing and monitoring, as well as improve clinical decision-making, reduce medical errors, and increase efficiencies.
13	Yes	Human Services	Office of Behavioral Health	MHI Facility Modernization Planning	CC	\$815,000	\$815,000	\$0	\$0	Funding for Facility Program Plans (FPP) and Site Master Plans (SMP) for facilities at Colorado Mental Health Institute at Fort Logan (CMHFL) and the Colorado Mental Health Institute at Pueblo (CMHP).
14	Yes	Information and Technology	Statewide	Timekeeping, Scheduling and Leave System Modernization	CC	\$16,070,000	\$16,070,000	\$0	\$0	Request is for hosting a statewide leave and time tracking system across Executive Branch departments and includes funding for software licenses, application configuration, user training, software maintenance, and hosting fees for the Kronos Workforce application.
15	Yes	Personnel and Administration	Capitol Complex Facilities	Capitol Complex Leased Space Maintenance Request	CC	\$5,400,000	\$5,400,000	\$0	\$0	Funds 6 projects over 3 years ranging from standard maintenance projects, such as window replacement and weatherization, to significant upgrades to outdated materials and structures, such as roof replacement.
16	Yes	Higher Ed	Auraria Higher Education Center	Auraria Library Removation	CC	\$22,848,307	\$22,848,307	\$0	\$0	The Auraria Higher Education Center (AHEC) is seeking capital construction funds for Phase II for the Auraria Library renovation.
17	Yes	Higher Ed	CU Colorado Springs	Visual and Performing Arts Building	CC	\$34,695,438	\$13,281,999	\$21,413,439	\$0	This project will consolidate the programs of the Department of Visual and Performing Arts and allow the programs to provide inter-disciplinary learning and improved efficiencies through shared resources.
18	Yes	Higher Ed	Historical Society	Lebanon Mill Dam Restoration	CC	\$768,210	\$768,210	\$0	\$0	The project will allow History Colorado to obtain water rights for the reservoir to become the augmentation source for evaporation loss and Devil's Gate well water use- a necessity in operating the Georgetown Loop Historic Railroad. Without this project, the GTLRR may lose access to water.

19	Yes	Higher Ed	Historical Society	GTLRR Locomotive	CC	\$400,000	\$300,000	\$100,000	\$0	Funds the business capitalization and infrastructure needs at the Georgetown Loop Railroad.
<b>TOTAL: Requests Recommended for Funding by the Governor:</b>										
20	No	Transportation	Not Applicable	Prioritized Order Hanging Lakes Tunnel Lighting Upgrades	CC	\$230,540,940 \$1,615,000	\$200,584,501 \$1,615,000	\$28,513,439 \$0	\$1,443,000 \$0	Funds lighting infrastructure upgrades to the I-70/US 6 Hanging Lakes Tunnel. The current lamps and ballasts used in lighting the tunnel have been phased out of production by the U.S. Department of Energy.
21	No	Higher Ed	Historical Society	Pearce-McAllister Renovation	CC	\$843,876	\$843,876	\$0	\$0	Funds the renovation of the cottage (located at 1880 Gaylord St, in Denver) into state-housing with 11 suites with private bathrooms, available to state employees that travel from around Colorado. Each resident would be charged the market rate and there is an expected revenue stream from the rents.
22	No	Higher Ed	School of Mines	Meyer Hall Replacement	CC	\$14,600,000	\$14,600,000	\$0	\$0	Funding this project will prevent the continued deterioration in the functionality of the building and will bring the building up to standard for life safety conditions.
23	No	Higher Ed	Ft. Lewis College	Berndt Hall Reconstruction Geosciences/Physics/Engineering	CC	\$25,059,749	\$20,827,775	\$4,231,974	\$0	Phase II of the Berndt Hall Reconstruction for Geosciences, Physics and Engineering project will complete a 60,838 gsf state of the art building with science laboratories, classrooms, and faculty office space.
24	No	Higher Ed	CSU-Ft. Collins	Chemistry Addition	CC	\$21,843,000	\$15,000,000	\$5,400,000	\$1,443,000	The project is for the construction of a 60,000 gsf addition to the Chemistry Building, located on Main Campus at the Colorado State University Ft. Collins. The project provides the necessary facilities to recruit quality faculty and research personnel to support the Supercluster directives aimed at getting the intellectual properties of research into the private sector.

25	4	No	Higher Ed	CU- Boulder	Ketchum Arts & Sciences Capital Renewal	CR	\$12,742,240	\$11,592,712	\$1,149,528	\$0	This capital renewal request from the University of Colorado Boulder is for the planning, the design and construct, and the renovation of the Ketchum Arts and Sciences Building as it is one of the most utilized facilities on the CU-Boulder Campus. The facility audit by the State Architect's Office facility shows major deficiencies in functionality, building integrity, code compliance, and hazardous materials (asbestos). Minor deficiencies are shown in appearance, energy, and exterior systems.
26	6	No	Higher Ed	Red Rocks Community College	Arvada Health Sciences Building	CC	\$22,532,288	\$10,000,000	\$12,532,288	\$0	Red Rocks Community College (RRCC) is requesting funding for the construction of a new building and renovation of the existing building on the Arvada Campus which will accommodate program expansion for Health Professions, Technologies, and Science programs.
27	7	No	Higher Ed	Metro State	Aviation, Aerospace and Advanced Manufacturing Building	CC	\$5,279,128	\$5,279,128	\$0	\$0	Metro State University Denver (MSU) is requesting funds for the Aerospace, Aviation & Advanced Manufacturing Building (A3M) with the goal of making this project a Public/Private Partnership.
28	8	No	Higher Ed	Colorado Mesa University	Expansion of Tomlinson Library	CC	\$24,499,756	\$18,462,102	\$6,037,654	\$0	Colorado Mesa University is requesting funds for the Tomlinson Library Addition and Renovation which will provide the space and resources for the University's growing enrollment.
29	9	No	Higher Ed	Adams State University	Classroom Acquisition and Renovations	CC	\$5,843,218	\$5,843,218	\$0	\$0	This project will address life safety issues, ADA accommodations, space limitations, and enhance the energy efficiency and sustainability of the building.
30	11	No	Higher Ed	West. State University	Quigley Hall Renovation	CC	\$25,779,853	\$25,779,853	\$0	\$0	Western State Colorado University is requesting funds to cover the costs of professional services, construction, and equipment for the renovation of Quigley Hall.
31	12	No	Higher Ed	CSU-Ft. Collins	Animal Sciences Building	CC	\$4,863,456	\$4,863,456	\$0	\$0	The Animal Sciences Building is a 48,409 sqf building that houses the Animal Sciences Department. Phase 1 of the project is currently underway and Colorado State University is requesting funding this year to complete the renovation.

32	13	No	Higher Ed	Arapahoe Community College	Sciences and Health Lab Renovation	CC	\$7,349,270	\$5,879,416	\$1,469,854	\$0	Arapahoe Community College (ACC) is requesting funds to renovate the existing Biology/Chemistry and Health laboratories at the Littleton Campus and add a multidisciplinary laboratory at the Parker Campus.
33	14	No	Higher Ed	School of Mines	CSM Heating Plant Renovation	CR	\$12,300,000	\$6,150,000	\$6,150,000	\$0	CM - Level II: Replace boiler is operational but past its useful life and other equipment including deaerators, pumps, valves, electrical systems and the emergency generator that are also beyond their useful lives.
34	15	No	Higher Ed	CSU-Pueblo	Psychology Building Renovation	CC	\$2,308,268	\$2,308,268	\$0	\$0	Remedy space and building deficiencies that pose health and safety concerns.
35	16	No	Higher Ed	Colorado Mesa University	Health Sciences-Nurse Pract. Center	CC	\$8,974,130	\$6,974,130	\$2,000,000	\$0	Remodel the former Community Medical Practitioners building. Provide classrooms and critical lab space.
36	17	No	Higher Ed	CU - Denver	UCD North Classroom AHEC	CR	\$20,530,119	\$7,846,650	\$12,683,469	\$0	Scope of work consists of replacing the roof, repair/replacing the ventilation system, upgrading the lighting system, repair/replacing the building envelope, and upgrading the building communication system. The roof is 25 years old and failing.
37	18	No	Higher Ed	CU- Boulder	Aerospace and Energy Systems Building	CC	\$7,256,931	\$4,354,159	\$2,902,772	\$0	Design a building to support an integrated education and research space.
38	19	No	Higher Ed	Front Range Community College	Larimer Campus Allied Health and Nursing Bld	CC	\$23,867,000	\$19,867,000	\$4,000,000	\$0	Consolidate and improve space for existing programs.
39	20	No	Higher Ed	Pikes Peak Community College	Student Learning Commons and Black Box	CC	\$4,983,983	\$3,987,186	\$996,797	\$0	Add an entrance to the campus, add space to the Downtown Studio Campus, the Student Learning Center and the Black Box theater.

40	No	Human Services	Division of Facilities Management	HS Replace Deteriorated Campus Infrastructure	CR	\$10,700,280	\$10,700,280	\$0	\$0	The infrastructure at the Colorado Mental Health Institute at Fort Logan (CMHFLL) is in poor condition and as a result, CDHS has requested 14 emergency projects regarding infrastructure failures. Within the last four years alone, ten of the 14 emergency projects that have occurred were because of water and sewer line failures.
41	No	Human Services	Division of Facilities Management	HS Campus Utility Infrastructure Upgrade	CR	\$19,227,152	\$19,227,152	\$0	\$0	CM - Level I: This request will complete the upgrades and improve the condition of the remaining aged and deteriorating campus infrastructure systems at the Colorado Mental Health Institute at Pueblo as recommended through numerous engineering condition assessments.
42	No	Higher Ed	Front Range Community College	FRCC Westminster Campus Central Plant Upgrade	CR	\$4,366,780	\$4,366,780	\$0	\$0	CM - Level II: Replace the boilers and chillers as they are at the end of their useful life.
<b>All Capital Construction Request</b>						<b>\$517,906,417</b>	<b>\$426,952,642</b>	<b>\$88,067,775</b>	<b>\$2,886,000</b>	

FY 2014-15 Capital 100% Cash and Federal Funds

Row	Request Title	Total												FY 2014-15 Expected Impact						FY 2015-16 Expected Impact					
		TF	CCF	CF	RF	PF	TF	CCF	CF	RF	PF	TF	CCF	CF	RF	PF	TF	CCF	CF	RF	PF				
1	eLicense Implementation	\$700,000	\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
2	Annual Payment for Colorado History Museum COP	\$21,070,879	\$3,021,835	\$18,049,044	\$0	\$0	\$8,983,640	\$0	\$8,983,640	\$0	\$0	\$3,021,734	\$0	\$3,021,734	\$0	\$0	\$3,021,835	\$0	\$3,021,835	\$0	\$0				
3	Regional Property Preservation Project	\$700,000	\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
4	CCI Small Projects	\$660,000	\$0	\$660,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
5	Workers Compensation Mainframe Migration	\$5,932,500	\$0	\$5,932,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,932,500	\$0	\$5,932,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
6	Brownfields Redevelopment	\$5,990,000	\$250,000	\$4,750,000	\$0	\$0	\$4,000,000	\$0	\$4,000,000	\$0	\$0	\$250,000	\$0	\$250,000	\$0	\$0	\$250,000	\$0	\$250,000	\$0	\$0				
7	Water Quality Improvement Projects	\$3,600,000	\$600,000	\$3,000,000	\$0	\$0	\$1,200,000	\$0	\$1,200,000	\$0	\$0	\$600,000	\$0	\$600,000	\$0	\$0	\$600,000	\$0	\$600,000	\$0	\$0				
8	Superfund Spending Authority	\$53,024,221	\$0	\$7,115,922	\$0	\$45,908,299	\$2,015,000	\$0	\$2,015,000	\$0	\$0	\$51,009,221	\$0	\$51,009,221	\$0	\$45,908,299	\$0	\$0	\$0	\$0	\$0				
9	Renovation of G.R. Carrel Hall	\$545,633	\$0	\$545,633	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$545,633	\$0	\$545,633	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
10	Motor Carrier Training Facility and Dormitory	\$1,200,000	\$0	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000	\$0	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
11	Performance Based Brake Testers-Dumont	\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
12	Wildlife Land and Water Acquisitions	\$45,200,001	\$11,300,000	\$33,900,000	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$11,300,001	\$0	\$11,300,000	\$0	\$1	\$11,300,000	\$0	\$11,300,000	\$0	\$0				
13	Park Infrastructure and Facilities	\$65,102,244	\$17,490,000	\$45,693,244	\$0	\$1,919,000	\$0	\$0	\$0	\$0	\$0	\$12,632,244	\$0	\$12,632,244	\$0	\$1,919,000	\$17,490,000	\$0	\$17,490,000	\$0	\$0				
14	Infrastructure & Real Property Maintenance	\$2,700,001	\$600,000	\$2,100,000	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$900,001	\$0	\$900,000	\$0	\$1	\$600,000	\$0	\$600,000	\$0	\$0				
15	Parks Land and Water Acquisitions	\$3,800,000	\$950,000	\$2,850,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$950,000	\$0	\$950,000	\$0	\$0	\$950,000	\$0	\$950,000	\$0	\$0				
16	New Park Development	\$25,961,053	\$6,700,000	\$19,261,053	\$0	\$0	\$7,300,000	\$0	\$7,300,000	\$0	\$0	\$5,261,053	\$0	\$5,261,053	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
<b>TOTAL - Requests Recommended for Funding by the Governor, Nonprioritized Order</b>		<b>\$235,696,532</b>	<b>\$40,911,835</b>	<b>\$146,957,396</b>	<b>\$0</b>	<b>\$47,827,301</b>	<b>\$23,498,640</b>	<b>\$0</b>	<b>\$23,498,640</b>	<b>\$0</b>	<b>\$96,162,387</b>	<b>\$0</b>	<b>\$48,335,086</b>	<b>\$0</b>	<b>\$47,827,301</b>	<b>\$34,211,835</b>	<b>\$0</b>	<b>\$34,211,835</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>				

Level I Controlled Maintenance						
Level	Reference Number	Score	Agency Name	Title and Phase	Funding Recommendation	Summary
	1	1	Office of the State Architect	Emergency Fund	\$2,000,000	Emergency Fund
1	2	3	Department of Corrections	Replace Failed Chiller, LVCF, Ph 1 of 1	\$757,283	Replace Failed Chiller, LVCF, Ph 1 of 1
1	3	3	Colorado State University	Replace Obsolete Fire Alarm, Various Buildings, Ph 1 of 2	\$753,948	Replace Obsolete Fire Alarm, Various Buildings, Ph 1 of 2
1	4	4	University of Colorado at Boulder	Improve Fire Department Access, Various Locations, Ph 1 of 1	\$164,739	Improve Fire Department Access, Various Locations, Ph 1 of 1
1	5	4	University of Northern Colorado	Fire Sprinkler Upgrades, Seven Buildings, Ph 1 of 3	\$1,108,622	Fire Sprinkler Upgrades, Seven Buildings, Ph 1 of 3
1	6	4	Department of Human Services	Upgrade Electronic Security Systems, Ph 5 of 6	\$1,651,549	Upgrade Electronic Security Systems, Ph 5 of 6
1	7	4	University of Colorado Denver - Anschutz Medical Campus	Asbestos Encapsulation, Basement Crawlspace, Building 400 Series, Ph 1 of 1	\$338,905	Asbestos Encapsulation, Basement Crawlspace, Building 400 Series, Ph 1 of 1
1	8	4	Department of Corrections	Replace Failed Boiler De-Aerator/Surge Tank, CTCF, Ph 1 of 1	\$262,275	Replace Failed Boiler De-Aerator/Surge Tank, CTCF, Ph 1 of 1
1	9	4	Colorado State University	Replace Deteriorated Natural Gas Lines, Main Campus, Ph 1 of 1	\$592,150	Replace Deteriorated Natural Gas Lines, Main Campus, Ph 1 of 1
1	10	4	Office of Information Technology	Replace Microwave Site Towers - B Group, Ph 1 of 3	\$851,070	Replace Microwave Site Towers - B Group, Ph 1 of 3
1	11	5	Colorado Historical Society	Georgetown Loop Railroad Fire Mitigation, Area B, Ph 1 of 3	\$304,656	Georgetown Loop Railroad Fire Mitigation, Area B, Ph 1 of 3
1	12	5	Auraria Higher Education Center	Tenth Street Pedestrian Corridor ADA Improvements, Ph 2 of 3	\$576,934	Tenth Street Pedestrian Corridor ADA Improvements, Ph 2 of 3
1	13	5	Colorado School of Mines	Campus Code Upgrades, Ph 1 of 1	\$359,166	Campus Code Upgrades, Ph 1 of 1
1	14	5	Colorado State University - Pueblo	Campus and Building Security System, Ph 2 of 3	\$998,351	Campus and Building Security System, Ph 2 of 3
1	15	5	Fort Lewis College	Theater Life Safety Improvements, Ph 2 of 2	\$684,310	Theater Life Safety Improvements, Ph 2 of 2
1	16	6	Department of Human Services	Repair/Replace Fire Sprinkler Systems, Ph 3 of 3	\$546,946	Repair/Replace Fire Sprinkler Systems, Ph 3 of 3
1	17	6	University of Colorado at Boulder	Campus Fire Sprinkler Upgrades, Ph 1 of 5	\$790,953	Campus Fire Sprinkler Upgrades, Ph 1 of 5
1	18	6	Colorado School for the Deaf and Blind	Campus Safety and Security, Ph 1 of 2	\$569,440	Campus Safety and Security, Ph 1 of 2
1	19	7	Auraria Higher Education Center	Replace Fire Alarm Systems; West, Central, Rectory, St. Cajetans and Children's College, Ph 1 of 2	\$638,693	Replace Fire Alarm Systems; West, Central, Rectory, St. Cajetans and Children's College, Ph 1 of 2
1	20	8	Colorado Community College System at Lowry	Upgrades to Fire Detection/Suppression, Multiple Buildings, Ph 3 of 3	\$749,139	Upgrades to Fire Detection/Suppression, Multiple Buildings, Ph 3 of 3
1	21	8	Department of Military and Veterans Affairs	Aurora Readiness Center Structural Repairs, Code and System Upgrades, Ph 1 of 1	\$540,500	Aurora Readiness Center Structural Repairs, Code and System Upgrades, Ph 1 of 1
1	22	8	University of Colorado Denver - Anschutz Medical Campus	Bldg 500 Storm Water and Sanitary Waste Cross Connection Violation, Ph 1 of 1	\$474,315	Bldg 500 Storm Water and Sanitary Waste Cross Connection Violation, Ph 1 of 1
1	23	8	Department of Corrections	Critical Roof Replacement, SCF, Ph 1 of 2	\$984,386	Critical Roof Replacement, SCF, Ph 1 of 2
1	24	8	Red Rocks Community College	Replace West End Chiller and Upgrade Cooling Plant, Ph 1 of 1	\$764,060	Replace West End Chiller and Upgrade Cooling Plant, Ph 1 of 1
1	25	10	Department of Public Safety	Life Safety, Fire Alarm and Suppression System, and HVAC Repairs; CSP Academy/Bunker, Ph 1 of 1	\$601,700	Life Safety, Fire Alarm and Suppression System, and HVAC Repairs; CSP Academy/Bunker, Ph 1 of 1

1	26	10	Western State Colorado University	Electronic Exterior Door Security, Ph 1 of 1	\$524,612	Electronic Exterior Door Security, Ph 1 of 1
1	27	10	Morgan Community College	Campus Security, Lock Replacement, and Envelope Upgrades, Ph 1 of 1	\$531,148	Campus Security, Lock Replacement, and Envelope Upgrades, Ph 1 of 1
1	28	10	Adams State University	Plachy Pool Safety Upgrades, Ph 1 of 1	\$897,510	Plachy Pool Safety Upgrades, Ph 1 of 1
1	29	10	Colorado State University	Critical Life Safety Elevator Upgrades, Nine Buildings, Ph 1 of 1	\$616,463	Critical Life Safety Elevator Upgrades, Nine Buildings, Ph 1 of 1
1	30	10	Capitol Complex Facilities	Critical Life Safety Elevator Upgrades, Legislative Service Building, Ph 1 of 1	\$558,800	Critical Life Safety Elevator Upgrades, Legislative Service Building, Ph 1 of 1
1	31	10	Colorado Mesa University	Replace HVAC Tomlinson Library, Ph 1 of 1	\$909,399	Replace HVAC Tomlinson Library, Ph 1 of 1
1	32	10	University of Colorado at Boulder	Replace Chiller and Cooling Tower, ARCE, Ph 1 of 1	\$888,073	Replace Chiller and Cooling Tower, ARCE, Ph 1 of 1
1	33	10	Arapahoe Community College	Replace Classroom Unit Ventilators and Chiller, North Building, Ph 1 of 1	\$742,704	Replace Classroom Unit Ventilators and Chiller, North Building, Ph 1 of 1
1	34	10	Colorado Community College System at Lowry	HVAC Upgrades, Building 967, Ph 1 of 1	\$738,183	HVAC Upgrades, Building 967, Ph 1 of 1
1	35	10	Pueblo Community College	Repair/Replace Built-Up Roof on Two Buildings, Pueblo Campus, Ph 1 of 1	\$587,870	Repair/Replace Built-Up Roof on Two Buildings, Pueblo Campus, Ph 1 of 1
1	36	10	Lamar Community College	Asbestos Abatement and Repairs, Two Lecture Halls, Bowman, Ph 1 of 1	\$566,221	Asbestos Abatement and Repairs, Two Lecture Halls, Bowman, Ph 1 of 1
1	37	10	Camp George West	Replace Water Well / Provide Adequate Distribution System, Ph 1 of 1	\$193,600	Replace Water Well / Provide Adequate Distribution System, Ph 1 of 1
<b>Level I Total</b>					<b>\$25,818,673</b>	