AGENDA OF THE
UTAH STATE BUILDING BOARD

Wednesday, May 4, 2011
Room 250 State Capitol Building
Salt Lake City, Utah
9:00am

(Action)	1.	**Approval of Minutes of April 6, 2011**	Tab 1
(Action)	2.	**Permission to Enter Into Negotiations with Uintah County for Property Trade**	Tab 2
(Action)	3.	**Permission to Enter Into Negotiations with Uintah County to Construct a Facility to House Dinosaur Bones**	Tab 3
(Action)	4.	**State Building Energy Efficiency Program Report**	Tab 4
(Action)	5.	**Proposal of New Rule R23-31. Executive Residence Commission**	Tab 5
(Action)	6.	**Reallocation of Capital Improvement Funds**	Tab 6
(Action)	7.	**Administrative Reports for University of Utah and Utah State University**	Tab 7
(Information)	8.	**Administrative Report for DFCM**	Tab 8

Notice of Special Accommodation During Public Meetings - In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify CeeCee Niederhauser 538-3261 (TDD 538-3260) at least three days prior to the meeting. *This information and all other Utah State Building Board information is available on DFCM web site at http://buildingboard.utah.gov*

Utah State Building Board

Gary R. Herbert
Governor

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Salt Lake City, Utah 84114
Phone (801) 538-3018
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MEMORANDUM

To Utah State Building Board
From: David G. Buxton
Date: April 19, 2011
Subject: **Approval of Minutes of April 6, 2011**

Attached for your review and approval are the meeting minutes of the Utah State Building Board meeting held April 6, 2011.

DGB: cn
Attachment

Utah State Building Board

MEETING

April 6, 2011

MINUTES

Utah State Building Board Members in attendance:
Mel Sowerby, Chair
Cyndi Gilbert
Steve Bankhead
Jeff Nielson
Wilbern McDougal
George Daines
Sheila Gelman
Ron Bigelow, Ex-Officio

DFCM and Guests in attendance:

Kim Hood	Department of Administrative Services
Gregg Buxton	Division of Facilities Construction & Management
Cee Cee Niederhauser	Division of Facilities Construction & Management
Kurt Baxter	Division of Facilities Construction & Management
Tom Shaw	Division of Facilities Construction & Management
Alan Bachman	Attorney General's Office/DFCM
LaPriel Dye	Attorney General's Office/DFCM
Rich Amon	Legislative Fiscal Analyst Office
Rocky Woodruff	Old Castle Materials
Greg Peay	Department of Corrections
Jerry Jensen	Department of Corrections
R. Maughan	BATC
W. Ralph Hardy	Office of the Commissioner of Higher Education
Brent Peterson	DATC
Anna Heywood	Reaveley Engineers & Associates
Mike Styler	DNR
Darin Bird	DNR

Robyn R. Pearson	DNR
Dave Whitton	Envision Engineering
Jenniel Allen	Department of Health
Bill. Juszack	UDOT
Jay Henry	DPS/Crime Lab
Ken Nye	University of Utah
Mike Perez	University of Utah
Darrell Hart	Utah State University
Mark Halverson	Weber State University
Rick Stock	Dunn Associates
David Tanner	Southern Utah University
Judy Duncombe	Utah State Fairpark
Andrew Carlino	Utah State Fairpark
Keith Davis	DHS
Shara Yonemura	ARW Engineers
Marie O'Quinn	Marketlink
Keri Hammond	Marketlink
Lisa-Marie Jensen	AJC Architects
Joshua W. Greene	AJC Architects
Dorian Page	Southern Utah University
Lyndy Lovelady	Eaton Architecture
Jim Michaelis	Utah Valley University
Dave Ridgway	Layton Construction
Chris Coutts	Architectural Nexus
Bob Askerlund	Salt Lake Community College
Gemma Gough	Diamond Phillips
Roy Bartee	Wadman Corporation
David Brand	DWS
Jason Miller	DWS
Emily Mellor	BNA Consulting
Mark Bryant	BNA Consulting

On Wednesday, April 6, 2011 the Utah State Building Board held a regularly scheduled meeting in Room 250 of the Utah State Capitol Building, Salt Lake City, Utah. Chair Mel Sowerby called the meeting to order at 9:03 a.m.

❑ APPROVAL OF MINUTES OF MARCH 2, 2011.....

Chair Sowerby sought a motion for approval of the minutes.

Kim Hood requested a change be made to the Minutes of March 2, 2011 to indicate she was in attendance. Change was noted by Cee Cee Niederhauser who will make

corrections to the official record.

MOTION: Jeff Nielson moved to approve the meeting minutes of March 2, 2011 with changes as noted. The motion was seconded by George Daines and passed unanimously.

- **LONG TERM LEASE REQUEST FOR U.S. FOREST SERVICE LAND IN MILLARD COUNTY, UTAH ON BEHELF OF DEPARTMENT OF TECHNOLOGY SERVICES .....**

Tom Shaw, Real Estate Manager for DFCM reported this item is the renewal of a long term lease quest for a communications site in White Pine Peak area of Millard County. This ground lease of approximately 10,000 square feet previously existed as a no cost lease for the past 20 years. The U.S. Forest service provided the land, and DTS established the communications site which provides communication services to the BLM, Millard County and several other public safety agencies. Because of the usefulness of this site and the benefit to multiple agencies, they are requesting that it continue and that the long term lease request be approved.

MOTION: Cyndi Gilbert moved to approve the Long Term Lease Request for U.S. Forest Service Land in Millard County, Utah on behalf of Department of Technology Services. The motion was seconded by Steve Bankhead and passed unanimously.

- **ALLOCATION OF FY 2012 CAPITAL IMPROVEMENT FUNDS .....**

Board members were given a copy of the following documents: (Attached to minutes).

1. Summary of Capital Improvement Funding FY 2008 – FY 2012
2. FY 2012 Summary of Facility Replacement Cost vs. Share of Capital Improvement Funding
3. FY 2012 Capital Improvement

Kurt Baxter, Project Manager for DFCM reported about the difficult process of deciding which projects to recommend for funding. These recommendations originate from each institution and state agency. As a result of their recommendations, DFCM Project Managers visit and identify these sites to determine the greatest need and if they should be funded as capital improvements or as replacement cost through their agency. Priorities are based on these recommendations. As you can see the University of Utah, the largest institution in the State of Utah, will receive the largest funding because they have a greater number of repairs. The spreadsheet, Summary of Capital Improvement Funding FY 2008 to FY 2012 shows a list of funding amounts and percentages specified by the state for the

past five years. During FY 2008, funding was at $73 Million and has decreased to $53 Million for FY 2012. This decrease in funding has required DFCM to identify the most critical needs of the agencies and institutions and make adjustments accordingly. The FY 2012 Summary of Facility Replacement Cost vs. Share of Capital Improvement Funding shows the breakdown of funding by amounts and specifies funding for Higher Education and State Agencies as well as percentage for funding and replacement costs. Typically, during the month of April, the Capital Improvement completion rate is reported however this will be reported at the May Building Board meeting.

There was considerable discussion concerning the selection process for funding. Chairman Sowerby confirmed that this process was implemented some time ago by the Building Board and is still used by DFCM today.

MOTION: Wilbern McDougal made a motion to approve the Allocation of FY 2012 Capital Improvement Funds. The motion was seconded by Sheila Gelman and passed unanimously.

- **ADMINISTRATIVE REPORTS FOR UNIVERSITY OF UTAH AND UTAH STATE UNIVERSITY .....**

Ken Nye from the University of Utah distributed the Capital Improvement Performance Report for Projects managed by the University of Utah. Their report shows 11 projects being managed by the University. Ten are currently completed or under construction. The one not completed is currently out to bid. Mr. Nye reported that the University has a total of 91% projects completed. For their Administrative Report, there were eight Design Agreements and eight Planning Study Agreements. On page two of their report, under Construction Contracts, there were nine Remodeling Contracts and two Site Improvement Contracts. The contract to replace the turf on their indoor practice facility needed to match the turf on the football field and had to be awarded on a sole source basis. There was no activity for the Project Reserve or Contingency Reserve Fund.

There was discussion concerning the continual replacement of fume hoods on campus. Mr. Nye explained they had thousands of fume hoods and many of them are very old. Fume hood replacement will be on-going

MOTION: George Daines moved to approve the Administrative Report for University of Utah. The motion was seconded by Sheila Gelman and passed unanimously.

Darrell Hart gave the Administrative Report for Utah State University. They had seven Professional Contracts issued in the last month. Their report shows a decrease of $4,000 in the Contingency Reserve Fund and no change in the Project Reserve Fund. Normally

Utah State would have approximately 60 to 80 projects underway, however they are down considerable. They have 40 projects underway – one is complete, eight are substantially complete, 23 in construction, 7 in the Design/Study phase and one pending. They reported on their FY 2011 Capital Improvements last month and indicated they were 100% obligated in Capital Improvements. Most of the FY 2011 projects are complete and USU anticipates they will be 100% complete by the end of the spring season.

MOTION: George Daines moved to approve the Administrative Report for Utah State University. The motion was seconded by Jeff Nielson and passed unanimously.

Wilbern McDougal wanted to discuss how many college graduates stay in the state of Utah and become taxpayers of the state. Ralph Hardy from the Office of the Commission of Higher Education explained that this was a very complex issue. There is a lot of ebb and flow with college graduates. After graduation, students very typically leave the state for a while and come back for a time. There is no specific data on this; however research is underway to determine a reasonable estimate for that question. Steve Bankhead expressed the idea that there are probably just as many people who move here from out of state as leave the state.

❑ ADMINISTRATIVE REPORT FOR DFCM.....

Kurt Baxter from DFCM reported there were a few significant Architectural Contracts issued. Noteworthy, because of size was the University of Utah for Student Life Center Design with MHTN Architects on page 2 of their report. There have been a total of 29 agreements since their last report and 27 Construction Contracts awarded. Dixie State College Centennial Commons Building was awarded at $28 Million. Page 6 shows the award of the contract for Utah Valley University Gunther Trades 5th Level HVAC Improvements award for last month's reallocation. The budget was $1,996,000 however the project was awarded for $962,000 so those additional funds ($1 million) were reallocated to another project. Basically DFCM continues to have projects coming in at prices lower than their previous estimates. Director Buxton clarified that two years ago the Legislature passed a bill that allowed DFCM to capture the funds from Capital Improvement Project Reserves. This bill has enabled DFCM to accomplish more and recirculate funds to other projects.

George Daines asked, when the funds are recaptured do they go into a general fund to be reallocated elsewhere or are they used or reallocated for example for the same University or Agency that generated the savings? Would the University or Agency have first right to the fund? Director Buxton answered that they go into a general fund, however the University or Agency does have priority for those funds. If they have projects that need funding right away, they would get first choice. He clarified that there is an exception with

University of Utah and Utah State because they have delegation authority and those fund stay within the University. Mr. Daines asked if there was an administrative rule to that effect. Director Buxton stated it is DFCM policy. Kurt Baxter clarified there is a Memo of Understanding that the Agency or Institution will get money back unless there is something catastrophic where the funds need to go to a higher priority. Director Buxton said that it isn't always cut and dry as to whether who will get the funds. It is determined by greatest need at the moment. Mr. Baxter said that DFCM has found this policy gives agencies or institutions motivation to do a good job on the project because they a greater chance of having savings returned to their organizations.

Director Buxton reported that bid bonds are now being required on larger projects in order to protect the state from contractor failure/bankruptcy. These bid bonds do not create any cost to the contractor but are a good indicator that the contractor is financially secure and will be able to complete the project. The Dixie Commons project came in $7 million under bid and there were concerns that the price/bid would increase as the cost of materials increased for the project. This will ensure our state projects will proceed as planned in the future.

Mr. Baxter reported that the Project Reserve Fund started out at $17 million but has dropped to $5 million. This total represented the $4.5 Million returned from the Dixie Commons Project, $12 million used to fund Capital Improvements for FY2012 and $5 million taken for other Legislative needs. This balance of $5 million, which is not a comfortable amount, does not allow a safety margin should prices increase, however the DFCM accounting staff will continue to monitor the balance in this fund. Cyndi Gilbert expressed concern with subcontractors going out of business and becoming unable to complete their portion of the building project. Mr. Baxter said he is definitely seeing an increase in the price of materials such as steel, concrete and anything that has to be shipped. We will continue to see increases in this as the price of fuel continues to rise. Director Buxton said subcontractors are walking away from jobs because they are out of business. There have been projects with as many as six or seven subcontractors discontinuing their work and walking away from the job. The new changes in bid bonds should alleviate the problem; however it does not affect smaller jobs where bid bonds are not required. DFCM is being very cautious concerning this situation. Presently they have no lawsuits or formal protests concerning their projects. Cyndi Gilbert compliment DFCM for the professional way they handled the Dixie Commons selection and felt it was very well done.

Mel Sowerby brought a previous item to the Board's attention regarding the implementation of electronic participation for Building Board members, Agencies, Institutions and the general public. He stated there are occasions when the Agenda is very short and it seemed wasteful for people to travel long distances to attend Building Board meetings. Director Buxton said he had looked at several options to accommodate

this request but limited funding has halted this for the time being. Hopefully teleconferencing through the UEN will be an option in the future as funding becomes available. Presently DFCM has a teleconference room and connects with Dixie College and Southern Utah University for meetings as well as project inspections. Members of both institutions confirmed that this was a substantial cost savings for their projects. Mr. Buxton felt it would work well for Building Board meetings as well but there had to be a larger room set up with teleconferencing to accommodate the general public. This will certainly be an option for the future. Presently, DFCM has a conference line which can be used for Building Board members who are unable to attend. Building Board members using the conference line will be counted as part of the quorum.

Director Buxton also reminded the Board that terms of service for four members will expire next month. Processes have already begun to replace these members.

Steve Bankhead asked if any decision had been made about the delegation authority to satellite campuses for University of Utah and Utah State. His understanding was that DFCM would meet with the Universities to come to a consensus concerning this.issue. Director Buxton responded there have been some discussions concerning delegation to satellite campuses but a decision has not been made.

- **ADJOURNMENT.....**

MOTION: Chair Sowerby asked for a motion to adjourn. Sheila Gelman moved to adjourn the meeting at 9:47 a.m. The motion was seconded by Wilbern McDougal and passed unanimously.

Division of Facilities Construction and Management

FY 2012 Summary of Facility Replacement Cost vs. Share of Capital Improvement Funding

Agency/Institution		FY 2012 Funding	Percent FY 2012 Funding	Replacement Cost
Higher Education	$	29,570,655	59.9%	62.5%
State Agencies	$	19,827,945	40.1%	37.5%
SUBTOTAL	$	49,398,600	100.0%	100.0%
Statewide funding Acct.	$	4,250,000		
Grand Total	$	53,648,600		

*UCAT Funding is included with Higher Education

Summary of Capital Improvement Funding FY2008 - FY2012

Agency	FY2008	%	FY2009	%	FY2010	%	FY2011	%	FY 2012	%	Total	%
Higher Education												
College of Eastern Utah	974,300	1%	992,822	1%	420,000	1%	1,120,000	2%	910,000	2%	**4,417,122**	2%
Dixie College	1,779,600	3%	2,497,328	3%	600,400	2%	1,125,000	2%	1,323,100	3%	**7,325,428**	3%
Salt Lake Community College	3,848,000	6%	3,703,989	5%	1,733,200	5%	2,207,585	5%	2,260,000	5%	**13,752,774**	5%
Snow College	1,793,300	3%	1,680,160	2%	781,700	2%	1,046,500	2%	1,244,000	3%	**6,545,660**	2%
Southern Utah University	2,510,400	4%	2,428,595	3%	1,199,400	3%	1,750,000	4%	1,646,000	3%	**9,534,395**	3%
University of Utah	13,035,400	19%	16,679,405	22%	8,288,000	23%	10,252,000	22%	11,124,000	23%	**59,378,805**	21%
Utah State University	7,328,500	11%	8,400,799	11%	4,000,000	11%	4,970,000	11%	5,059,000	10%	**29,758,299**	11%
Utah Valley State College	3,279,000	5%	2,932,643	4%	1,526,300	4%	2,411,000	5%	2,125,000	4%	**12,273,943**	4%
Weber State University	4,152,800	6%	4,246,222	6%	1,958,500	5%	2,449,500	5%	2,417,000	5%	**15,224,022**	5%
UCAT	2,051,800	3%	2,703,530	4%	1,485,000	4%	1,867,000	4%	1,462,555	3%	**9,569,885**	3%
Total Higher Education	**$40,753,100**	**60%**	**$ 46,265,491**	**61%**	**$ 21,992,500**	**60%**	**$ 29,198,585**	**62%**	**$ 29,570,655**	60%	**$ 167,780,331**	**61%**
State Agencies												
Agriculture	-	0%	76,371	0%	27,900	0%	172,760	0%	215,982	0%	**493,013**	0%
Alcoholic Beverage Control	346,100	1%	305,484	0%	284,200	1%	234,909	0%	267,484	1%	**1,438,177**	1%
Capitol Preservation Board	1,694,500	3%	1,756,531	2%	1,317,600	4%	1,842,000	4%	2,560,500	5%	**9,171,131**	3%
Community & Economic Dvlp.	250,000	0%	404,766	1%	328,200	1%	240,000	1%	80,000	0%	**1,302,966**	0%
Corrections	4,041,800	6%	4,154,577	5%	1,994,400	5%	2,476,900	5%	2,387,869	5%	**15,055,546**	5%
Courts	2,093,900	3%	3,016,651	4%	1,806,800	5%	2,305,766	5%	2,514,092	5%	**11,737,209**	4%
DFCM	4,510,100	7%	3,459,602	5%	1,423,200	4%	2,822,600	6%	2,831,350	6%	**15,046,852**	5%
Environmental Quality	-	0%	129,831	0%	1,000,000	3%	89,192	0%	-	0%	**1,219,023**	0%
Fairpark	607,400	1%	504,048	1%	183,200	1%	174,000	0%	250,457	1%	**1,719,105**	1%
Health	250,100	0%	801,894	1%	303,000	1%	540,000	1%	245,381	0%	**2,140,375**	1%
Human Services	3,067,200	5%	3,795,634	5%	1,574,200	4%	2,048,945	4%	2,072,000	4%	**12,557,979**	5%
National Guard	1,254,000	2%	2,993,739	4%	720,000	2%	975,476	2%	1,008,264	2%	**6,951,479**	3%
Natural Resources	4,493,300	7%	4,780,818	6%	1,265,000	3%	1,527,382	3%	2,669,000	5%	**14,735,500**	5%
Public Ed/Rehab/Deaf & Blind	600,000	1%	572,782	1%	310,200	1%	189,472	0%	256,418	1%	**1,928,872**	1%
Public Safety	667,400	1%	313,121	0%	172,300	0%	255,000	1%	353,423	1%	**1,761,244**	1%
Tax Commission	126,500	0%	259,661	0%	112,500	0%	342,663	1%	326,776	1%	**1,168,100**	0%
Transportation	1,760,400	3%	1,939,821	3%	1,120,000	3%	1,322,000	3%	1,260,000	3%	**7,402,221**	3%
Veterans Affairs	236,374	0%	206,201	0%	180,000	0%	-	0%	120,000	0%	**742,575**	0%
Workforces Services	660,400	1%	633,878	1%	299,800	1%	477,750	1%	408,949	1%	**2,480,777**	1%
Total State Agencies	**$26,659,474**	**40%**	**$ 30,105,409**	39%	**$ 14,422,500**	40%	**$ 18,036,815**	38%	**$ 19,827,945**	40%	**$ 109,052,143**	**39%**
											-	
Subtotal	**$67,412,574**	**100%**	**$ 76,370,900**	**100%**	**$ 36,415,000**	**100%**	**$ 47,235,400**	**100%**	**$ 49,398,600**	**100%**	**$ 276,832,474**	**100%**
Restore/Deduct FY2009 Funds**			$ (15,000,000)		$ 15,000,000						-	
Statewide Funding	$ 5,647,326		$ 6,467,200		$ 4,247,500		$ 3,450,000		$ 4,250,000		**24,062,026**	
Grand Total	**$ 73,059,900**		**$ 67,838,100**		**$ 55,662,500**		**$ 50,685,400**		**$ 53,648,600**		**$ 300,894,500**	

*$82,838,100 was originally allocated to Capital Improvement funds for FY 2009

FY 2012 Capital Improvements

College Of Eastern Utah		
Price Campus: BDAC Building Fire System Upgrade & Campus Irrigation System	695,000	
San Juan Campus: New Administration Building retaining wall and additional sitework	200,000	
Price Campus: Study for the SAC Building 5953	15,000	
Price Campus: CBB Building Fire System & HVAC Upgrade	-	
Price Campus: Purchasing Building Fire System, HVAC & Electrical Upgrade	-	
Price Campus: Library Building Fire System, HVAC, & Door/Window Upgrade	-	
Price Campus: Career Center Building Fire System & Door/Window Upgrade	-	
Price Campus: Art Building Fire System & Seismic Upgrade	-	
Price Campus: Old Student Activity Center Seismic & Fire System Upgrade	-	
Price Campus: Geary Theater Fire System, HVAC, & ADA Upgrade	-	
Price Campus: Music Building Structural, Fire System, Hvac, Doors Upgrade	-	
	-	910,000
	-	
Dixie State College		
Campus Central Plant Improvements Phase 2	-	
Kenneth Gardner Student Center Reroof	120,000	
Browning Classroom Addition And Remodel	1,068,000	
North Plaza 1000 East Parking Lot	110,100	
Hansen Football Stadium: Recaulking And Sealing Of The Concrete Bleachers Material	25,000	
Encampment Mall Artificial Turf	-	
Val Browning Science/Math Bld. Phase 1	-	
North Instruction Building Remodel For Education	-	
Education And Family Studies	-	
Val Browning Science/Math Bld. Phase 2	-	
Searle Drive Fire Lane Improvements	-	
Dixie State College, Campus Fire Alarm System Improvements	-	
Dixie State College, Campus Mural Refurbishment	-	
Dixie State College, Campus Emergency Power And Lighting	-	
Paving: General Campus Parking Lot Maintenance.	-	
		1,323,100
	-	
Salt Lake Community College		
RRC - Replace York Chiller TB	200,000	
RRC - Itstall VFD's Supply Fans - TB	100,000	
RRC - Replace Condensate Line From TB To Heat Plant	60,000	
RRC - New Cooling Tower & Enclosure For East Loop	400,000	
RRC - Cooling Tower Fill Replacement	40,000	
RRC - Replace Fire Alarm System - Lifetime Activities Ctr	60,000	
SCC - Continuation Of Exterior Repairs	300,000	
RRC - Stair And Ramp Replacement - Techology Building	100,000	
SCC - SCM - Window Sill Repair and /Or Replacement	250,000	
RRC - Emergency Generator - Daycare	50,000	
MBC - Emergency Generator	150,000	
RRC - Replacement Parts Cooling Tower Fan Assembly	-	
RRC - Parking Lot U Overlay	250,000	
JC - Upgrade To 52 Ton Air Cooled Compressor System	200,000	
SCC - Replacement Of Galvanized Piping In North Wing	-	
JC- AHU #1 Health Science Center	-	

JC - VFD For Chiller #1 - DC	50,000	
JC- Replace Boiler Loop Pumps - DC	-	
RRC - Business Building Back Up Generator Replacement	50,000	
College Wide Exterior Signage Replacement	-	
RRC - Paving & Slurry Seal Maintenance	-	
RRC - Replace Fire Alarm System - Student Center	-	
RRC - Install Fire Suppression System - Student Center	-	
		2,260,000
	-	
Snow College		
Elementary School Building Remodel (Business Building)	600,000	
Washburn Building Motor Control Panel	-	
Humanities Building Print Studio Hood System	300,000	
Washburn Building Interior Doors/Hardware/Re-Key	150,000	
Stadium House Roofing Project	-	
Noyes Building Seamless Gutters, Soffit And Wood Shake Shingle Sealing	-	
Washburn Building Restroom Remodel And ADA Upgrade	-	
Campus Exterior Lighting/Security Upgrade - Ephraim	-	
Science Building - Motor Control Upgrade & Switchgear Replacement	-	
Richfield Admin. Bldg Stucco Restoration/Repair	30,000	
Abatement Of Asbestos In Snow Hall Residential	-	
Irrigation System Central Control System - Ephraim	-	
Replacing Aging Irrigation System - Ephraim	-	
Washburn Building - Electrical Upgrade To Cosmetology Including Ceiling Tiles & Lighti	-	
Parking Lot West Campus (CDL Course) - Ephraim	-	
Ephraim - Reconstruct Maintenance Facility Parking Lot	164,000	
		1,244,000
Southern Utah University		
Library Roof Replacement	200,000	
Science Center Re Roof	55,000	
Track Replacement: Stadium	500,000	
Re-Construct Elevator And Hydraulic Lift System: Electronic Learning Center	125,000	
Medium Voltage Switching System Upgrade: Phase II	150,000	
Generator Replacement And Elevator Reconstruction: Randall Jones Theater	125,000	
Acoustical Upgrade: Music And Multipurpose Buildings	84,000	
Concrete And Asphalt Replacement: Coliseum, PE, Randall Jones.	150,000	
Underground Fuel Tank Removal And Re-Landscape Between Heat Plant And Sharwar	-	
Chiller And Cooling Tower Replacement: Centrum	-	
Chiller Replacement: Hunter Conference Center	-	
Chiller Replacement: Bennion Building	-	
Automation And Building Mechanical System Commissioning And Upgrade: Campus S	-	
Parking Lot Improvement: Northeast Area Of Campus	-	
Convert Woods Lab To Best Use Academic Space: Technology Building	-	
Replace Stairway Between Music Building & ELC	-	
Exterior Walkway And Parking Lot Lighting Improvements: Campus	-	
Exterior Paths Of Travel Study And Improvements: Campus	120,000	
Building Renovation: Harris Center	-	
Water Conservation: Connect Irrigation To Cedar City Pressurized System	-	
Boiler #3 Replacement: Heat Plant	-	
Xeriscape Projects: Various Sites	-	
Upgrade Womens And Mens Locker Room Area: Multi-Purpose Building	-	

Door Locks: Classrooms And Labs	-	
New Storm Drain: 300 West	-	
Water Delivery System Improvements: Mountain Center	-	
Roof Fall Protection Anchors	-	
Re-Roof Hunter Conference Center	-	
Extend Loading Dock At Receiving	-	
Press Box And Locker Room Improvements: Coliseum	-	
Various Asphalt Parking Lot Repair/Reconstruction	137,000	
	-	
		1,646,000
University Of Utah		
Chiller Capacity Consolidation	1,809,000	
Electrical Distribution	2,500,000	
Eyring Chemistry North Tower East Fumehood Upgrade - Design Only	200,000	
Park Building Elevator Replacement	175,000	
Emergency Generator Replacement	650,000	
Develop Secondary Water Syster for Landscape Irrigation - Southwest Campus Loop	1,375,000	
South Biology Screen Panel Replacement	200,000	
Regulated Waste Facility - Replace Barrel Exhaust System	90,000	
Miscellaneous, Critical Improvements	400,000	
Asbestos Abatement in HTW Tunnel	-	
Student Services Bldg. Exterior Repairs	500,000	
Eccles Genetics RO System Replacement	300,000	
Campus-wide Study for Installation of Eye Wash Stations	80,000	
Campus Utility Metering System Upgrade	500,000	
Hlth. Sciences Library Loading Dock	200,000	
Campus Site Lighting Upgrade	200,000	
Campus Wide - Hazardous Materials Abatement	150,000	
Refrigerant Sensor Installation	225,000	
Water Conservation Measures	300,000	
Southwest Chiller Plant Study	150,000	
Replace HVAC Controls in Buildings	470,000	
Behavioral Science Plaza Concrete Repairs	500,000	
Study & Design Funds	150,000	
HTW Plant - Replace Generator	-	
Milton Bennion Hall - Replace Fire Alarm System	-	
Social & Behavioral Science - Repair Deteriorating Exterior Concrete & Steel	-	
Social & Behavioral Sciences Building - Replace 3 Elevators	-	
Browning Bldg - Exterior Wall Repair	-	
Art Building - Upgrade Fume Hoods And HVAC Systems - Study & Design Only	-	
Fieldhouse - Replace Fire Alarm & Sprinkler Systems	-	
Replace Pre-1960 Water Lines, Lower Campus - Phase I	-	
South Biology And Skagg's Biology HVAC System Upgrades - Study & Design Only	-	
Orson Spencer Hall - Replace All Steam & Hot Water Piping	-	
		11,124,000
Utah State University		
Planning & Design Fund	100,000	
Campus-Wide Health, Life Safety, Code Compliance & Asbestos Abatement	150,000	
Water Lab Reroof	644,000	

Engineering Lab Re roof	375,000	
Campus-Wide Classroom And Auditorium Upgrades	400,000	
CW Building Commissioning	200,000	
Misc Critical Improvements	275,000	
BNR Fire Protection Upgrade - Phase II	600,000	
Chilled Water - Edith Bowen/Cpd	300,000	
NFS HVAC Design	200,000	
Campus-Wide Bike Racks	50,000	
South Farm Sewer	75,000	
Campus-Wide Sign System	50,000	
Quad Area Utility Upgrades	150,000	
Campus-Wide Steam Line Insulation	100,000	
Campus Chiller Controls Upgrades	100,000	
Campus Concrete Replacement	250,000	
1200 East (Aggie Village) Landscape Improvements	100,000	
Student Living Center Parking Lot	340,000	
Campus Wide Medium Voltage Upgrades	250,000	
Geology to Maeser Steam Replacement	350,000	
Roofing Projects	-	
Campus Fire Alarm Upgrades	-	
Family Life	-	
Campus-Wide Access Control	-	
Site & Safety Lighting	-	
Geology To Maeser Steam Replacement	-	
OM Masonry Restoration Ph III	-	
Morgan Ceiling Replacement	-	
Campus-Wide Irrigation & Landscape Upgrades	-	
Campus-Wide Controls Upgrade	-	
Animal Science 115 Windows	-	
ASTE Heating System	-	
Kent Concert Hall New Elevator And Restroom Lobby	-	
Kent And Morgan Ramp & Aisle Improvements	-	
Kent Ceiling Replacement	-	
Replace Piping And Refurbish Existing Tunnel Located North Of Ray B West And Famil	-	
Exterior Shades For Library Phase I	-	
Spectrum - Seismic Retrofit Phase I	-	
South Farm Paving	-	
Mtn View Parking Lot West Of Tennis Courts	-	
Water Lab Front Bridge	-	
BNR Fume Hood	-	
		5,059,000
Utah Valley University		
LC Switch Gear Replacement	65,000	
Sprinkling System Repair	135,000	
Parking Lot Z	100,000	
Window Panel Replacement	350,000	
Campus Concrete Repairs ADA	50,000	
Wolverine Service Center HVAC Repairs	140,000	
Activity Center Bleacher Repair	25,000	
Replace Lower Fountain Vault	100,000	
Repair/replace campus wide Transformers	100,000	
Replace Old Westinghouse 120/208 1600 Amp Main, Switchboard + Metering In LC301	100,000	

Install Sump Pump And Alarm System In Outside Manholes West Of Cs Building	60,000	
Repair Two Stairways And Concrete In Courtyard	150,000	
GT 6th Level Entrance Stair And Flatwork Replacement	200,000	
UVU Road Repair	550,000	
		2,125,000
Weber State University		
Replace Domestic Hot Water Storage Tanks & Heat Exchangers-6 Buildings	346,000	
Dee Events Center ADA Upgrades	150,000	
Northeast Campus Fire Protection Upgrades	177,000	
Install Steam Powered Condensate Pumps 3 Buildings	149,000	
Building Entry Concrete & Handrail Upgrade	206,000	
Exterior Handrail Replacement Phase I	160,000	
Dee Events Center Controls Upgrade	271,000	
Exterior Weatherproofing: Administrative Social Science and Stewart Library	210,000	
Tunnel System Repairs and Upgrades	100,000	
Stewart Libarry Elevator Access Improvement Study	8,000	
Swenson Building Ground Water Infiltration Study	10,000	
Dee Events Center Site Improvements	575,000	
Engineering Technology Building: Ceiling Tile And Fixture Lens Repl.	-	
Lind Lecture Hall: Replace Entry Doors	-	
Stromberg Stadium: Galvanized Pipe Replacement & Restroom Upgrades	-	
Facility Mangement Building: Replace Boiler	-	
Stromberg Athletic Office Complex Breezeway Enclosure	-	
Paving Repairs And Improvements	-	
Dee Events Center Irrigation Upgrades	-	
William Stromberg Center Roofing	-	
Admin, Social Science& Education Buildings: Exterior Weatherproofing	-	
Browning Center Theater Lighting Controls Upgrade	-	
Stewart Library Controls Upgrade	-	
Demolition Of Promontory Tower	-	
Stewart Library Elevator Access Improvements	-	
Concrete & Handrail Replacements: Lampros Hall To Swenson Building.	-	
Alumni Center Fire Protectection Study	-	
Replace H.V. Switches 13 Bldgs	-	
Tech Ed Building- Replace North Retaining Wall	-	
Administration Bldg. Pipe Replacement Hvac Controls & Finish Upgrades	-	
Marriott Health Science Building: Controls Upgrade	-	
Browning Center Re-Roof	-	
Science Lab Bldg.: Asbestos Abatement & Finish Restoration Study	-	
Science Lab Pipe Replacement Study .	-	
Mckay Education Bldg.: New Elevator	-	
Stewart Library: Ceiling Tile Replacement	-	
Install High Efficiency Transformers- 42 Locations	-	
Marriott Health Sciences Building Lighting Safety Upgrades	-	
Chilled Water Plant Downstream Improvements	-	
Science Lab Building Galv. Pipe Replacement	-	
Dee Events Center Boiler Replacement	-	
Davis Campus: Asphalt And Paving Repairs	-	
Dee Events Center Power Factor	55,000	
	-	
		2,417,000
	-	
UCAT		
Bridgerland ATC	-	

BATC West Campus HVAC System Upgrade	350,000	
BATC West Campus Fire Alarm System Replacement	-	
Main Campus Remodel Of Student Services	-	
West Campus Remodel-Business Resource Center & Public Safety Training Area	-	
West Campus Cdl Professional Truck Driving Staging Area	-	
Main Campus Driving Range For Police Academy, Fire And Rescue, And CDL Program	-	
	-	
Davis ATC	-	
Administrative Area Upgarde	176,000	
Electrical System Upgrade	147,000	
Paving Improvements	100,000	
ADA Improvements	-	
Main Compound Asphalt Replacement	-	
Laurelwood Entrance To Datc/Re-Route 550 East	-	
Carpet Replacement	-	
Air Handling Unit Replacement Building B (Four Air Handler Units)	-	
Air Handling Unit Replacement Building C (Five Air Handler Units)	-	
Electrical System Upgrade Building B	-	
Electrical System Upgrade Building C	-	
Electrical System Upgrade Machining	-	
Secondary Electrical Upgrade	-	
Exhaust Fans Replacement Building A	-	
Exhaust Fans Replacement Building B	-	
Electrical System Upgrade Hill Training Lab	-	
General Painting	-	
Concrete Through Drains	-	
Boiler Replacement Building A	-	
Boiler Replacement Building B	-	
Air Compressor System Upgrade	-	
Exhaust Fans Replacement Building B	-	
Hydraulic Auto Lift Replacement	-	
Room# 1013 Lab Upgrade	-	
Room# 1021 Lab Upgrade	-	
Room# 1051 Lab Upgrade	-	
Room# 1059 Lab Upgrade	-	
	-	
	-	
	-	
	-	
	-	
Mountainland ATC	-	
Geneva Building Interior Improvements	77,712	
	-	
	-	
	-	
Ogden/Weber ATC	-	
Re-Build Exist. Perimeter Road (Hwy. 286)	-	
Heat Plant Reroof	59,000	
Campus-Wide Restroom Upgrade	350,000	
Main Campus: Culinary Arts Program Improvements/Loading Dock Safety Issues	-	
Upgrade Culinary Water System In Manufacturing & Construction Technology Buildings	-	
Upgrade HVAC Control System In Manufacturing Technology Building	-	
Multipurpose Facility Acoustics And Window Upgrade	-	
Upgrade Secondary Water System And Lower Pump House	-	
Business Building Chiller Replacement	-	

Seismic, Insulation, Heating, And Cooling - Bay 2 -BDO	-	
Replace Make-Up Air System On Union Building	-	
Cosmetology Building Air Conditioning Upgrade	-	
OWATC Power Factor Correction	45,900	
	-	
	-	
	-	
Uintah Basin ATC	-	
Intercom System-Roosevelt Campus	-	
Replacement Of Heat Pump System & Cooling Tower-Roosevelt	76,941	
Replacement Of Heat Pump System & Cooling Tower-Roosevelt	-	
Emergency Generator-Roosevelt Campus	60,002	
Dust Collection System- Roosevelt Campus	-	
Welding Shop Extension-Roosevelt Campus	-	
Replacement Of Water Supply Line	-	
Roof Replacement East Wing-Roosevelt Campus	-	
Roosevelt Campus Paving - Phase II Parking Lot Repairs & Reconstruction	-	
Exterior Doors-Roosevelt Campus	-	
Fire Sprinklers Head Replacement	-	
HVAC Study Roosevelt	20,000	
	-	1,462,555
Requests From State Agencies	-	
	-	
Agriculture		
Agriculture Building 01648 Fume Hood Replacement	-	
Agriculture Building 01648 Chiller And Cooling Tower	160,182	
Agriculture Building 1648 Sewer Line Replacement Due To Rear Porch Settling	-	
Agriculture Building 01648 Comprehensive Structural Design And Repair	-	
Agriculture Building 01648 Lab Suite Comprehensive Renovation	-	
Agriculture Building 01648 Electrical System Repairs Partial Funding Fy '11 For A Light	-	
Agriculture Building 01648 Replace Emergency Generator	55,800	
Agriculture Building 01648 Provide Fire Suppression Throughout The Facility	-	
Agriculture Building 01648 Exterior Finish Upgrades	-	
Agriculture Building 01648 Secondary Electrical System Renewal. Funded Fy '11 Mos	-	
Agriculture Building 01648 Comprehensive Elevator/Lift Modernizations	-	
Agriculture Building 01648 Irrigation System Upgrade	-	
		215,982
	-	
Alcoholic Beverage Control		
Various Counter Top And Cabinetry Upgrades To Multiple Stores.	38,000	
Miscellaneous Maintenance To Multiple Parking Lots.	75,000	
ABC #21 09869 Construct Privacy Fence Along North Side Of Parking Lot Note: Need	-	
ABCStore 28 (Vernal) 06287 Exterior Window Upgrade	-	
ABC #6 02627 Construct Awning Over Truck Lift	34,484	
ABC #27 Loading Dock Improvements	120,000	
ABC #23 04824 Replace Exit Signs And Install Emergency LightsReplace Exterior Ligh	-	
ABC #30 02902 Renovate Landscape East Field, Fix Drainage In SW Park Strip	-	
ABC Store 35 (Downtown Slc) Exterior Door Replacements	-	
ABC #16 06283 Roofing System Replacement	-	
ABC #10 9517 Landscape Improvements	-	
ABC #10 09517 Add Wall Protection For Shopping Cart Area	-	
ABC #32 06288 Replace Rooftop And Install Additional Unit	-	
ABC #23 04824 Power Assisted Door Opener	-	
ABC #22 06509 Replace Exterior LightingReplace Panels, Outlets, And Switches	-	

ABC #6 02627 Install Emergency Egress Lighting And Exit Sign UnitsOM - Install Anti-S	-	
ABC #19 06285 Install Fire Sprinkler System	-	
ABC #19 06285 Replace Panels, Outlets, And Switches	-	
ABC #6 02627Vinyl Floor Tile Testing And UpgradesLay-In Acoustical Ceiling Removal A	-	
ABC Power Factoring	-	
		267,484
Capitol Preservation Board		
Misc. Improvements	150,000	
State Office Building 00494 Apply Window Glazing/Sealant For The Exterior Windows.	1,500,000	
State Office Building 00494 Replace Automatic Doors On The South Side Of The First	40,000	
Senate Building 09626 Replace Exterior Door On The First Floor East Side Of The Se	235,500	
State Office Building 00494 Seismic Panel Restraint System	-	
Utah Travel Council 00496 Paint And Recondition The Wood On The Building Exterior	25,000	
Utah Travel Council 00496 Upgrade Restroom Facilities To Conform To Ada Requirem	-	
House Building 09271 Replace Exterior Door On The First Floor East Side Of The Hou	235,500	
Central Plant 01763 Replace Two Old Chillers In The State Office Building With A New	-	
Daughters Of The Utah Pioneers Museum 00497 Exterior Stone Work	-	
State Office Building East Staircase Improvements	150,000	
Daughters Of The Utah Pioneers Museum 00497 Fire Upgrades	-	
Carriage House North Elevation Waterproofing	44,500	
Senate Building 09626 Purchase A Chill Water Coil That Will Work With The Server Or	-	
State Office Building 00494 Relocate Dax System From State Office Building Roof To	-	
State Office Building 00494 Relocate Microwave System On The Roof Of The State O	-	
State Office Building 00494 Replace Switch Gear & Install New Loop System For The	-	
State Capitol 00493 Install/Increase Signage At The Various Buildings That Make Up C	-	
State Capitol 00493 Concrete Renovation To Repair Steps And Throughout Battalion;	-	
State Capitol 00493 Re-Stain And Condition The Wood For All The Windows In The C	-	
State Capitol 00493 Purchase New Access Card Equipment	-	
DAS Security Phase II	160,000	
DAS Security Upgrade*	20,000	
	-	2,560,500
	-	
Community And Culture		
Rio Grande Depot 01654 Parking And Sidewalk Repairs	80,000	
Rio Grande Depot 01654 Upgrade Fire Panel And Security Panels	-	
Rio Grande Depot 01654 Paint Exterior Windows And Repair Doors	-	
Utah Art Storage 09151 Lighting Upgrade, Install Emergency Lighting	-	
Archives 09636 Cover Back Entrance	-	
Utah Art Storage 9151 Seal Parking Lot	-	
Rio Grande Depot 01654 Upgrade Interior Lighting Finishes And Carpet	-	
	-	80,000
	-	
	-	
Corrections		
Draper Prison Security Camera	69,120	
CUCF - Acorn Vac toilet system	353,000	
Bonneville Exterior Stairwell Replacement	24,000	
Fremont Kitchen Grease Trap	49,000	
Bonneville CCC Kitchen Grease Trap	49,000	
CUCF - Tower 3 Insulation Remodel	-	

AP&P Kitchen Equipment	148,500	
Draper -Domestic water zone valves	76,000	
Draper - Oquirrh and Olympus Lock replacement	50,000	
Draper - I-Con Plumbing replacement	60,000	
AP&P Security Equipment	15,800	
CUCF - HVAC Air handlers Remodel	47,180	
CUCF - Replace 2 Armstrong Hot Water Tubes	47,180	
Draper -Warehouse / Building-7 Heating	35,453	
CUCF - Central Door replacement	58,245	
Draper Site- Metasys Control System Compatibility Rebuild	128,150	
FHA / Metasys Control System	87,350	
Fremont Parking Lot	132,250	
NUCCC Parking Lot Expansion	66,125	
Oquirrh Administration Roof Project	79,000	
Draper Prison-Chase Road Stabilization	60,000	
CUCF- Roadway& Parking lot improvements	160,000	
Bonneville Driveway Repair	56,103	
CUCF - iNet Security System	137,120	
Region III I-Net Card Access Reader	11,365	
NUCCC Card / Key Access	19,320	
NUCCC CCTV Security Equipment	30,608	
Admin. HVAC Cooling Towers Remodel	28,000	
Draper prison Asphalt repairs	150,000	
CUCF - Asphalt Overlay / Replacement	-	
CUCF - INET Security System	-	
Region III I-Net Card Access Reader	-	
NUCCC Card / Key Access	-	
Draper- Boiler #1 Replacement	-	
Draper- Propane Stand-By System	-	
Admin/ FHA / Security Equipment	-	
NUCCC CCTV Security Equipment	-	
Admin. HVAC Cooling Tower/ Mechanical Remodel	-	
Draper- Timpanogas Control Rm Remodel And Repair	-	
Draper - Lone Peak Water Heaters	-	
Draper- Wasatch Tunnel Repairs	-	
Bonneville Mechanical Exhaust Equipment	-	
Fremont Window Replacement	-	
Draper- Uinta Horseshoe Ceiling Replacement	-	
Draper- Maintenance Equipment Storage	-	
Fremont, Replace Offender Hand Sinks	-	
NUCCC Offender Rest Room Fixtures	-	
Draper-Wasatch Culinary Floor	-	
Fremont Exterior Paint	-	
Draper Site North Point Perimeter Light Pole Replacement	-	
Draper Prison - Records Bldg. Parking Lot Repairs	-	
Draper Prison - Main/Warehouse Parking Lot Reconstruction	-	
Draper Prison - Chase Rd. Stabilization	-	
CUCF - Roadway & Parking Lot Improvements	160,000	
Draper- Uinta Floor	-	
Draper- Greenhouse / A-W Yard Access	-	
AP&P Fremont 08518 Security Improvements	-	
		2,387,869
Courts		

Ogden Courts 07130 Elevator Jack Assembly Replacement	49,488	
Layton City Courts HVAC	150,000	
Farmington Courts 06531 Farmington Court ADA Courtroom And Exterior Entrance Re	180,075	
Ogden Courts 07130 Ogden District Court ADA Entry Improvements (Combine)	14,044	
Farmington Courts 06531 Farmington District Court Carpet Replacement	76,326	
Ogden Courts 07130 Carpet Replacement	147,488	
Logan District Court 09475 Remodel Front Entrance And Clerks Counter For Security I	285,000	
Scott Matheson Courts Building 08356 Replace Burner Units In Both Boilers	101,871	
Scott Matheson Courts Building 08356 Repair Fire Sprinkler Joints	231,525	
Scott Matheson Courts Building 08356 Floor Tile Replacement	450,000	
West Valley 3rd District Court 06523 Replace Exterior Stairways And Ramp	253,275	
Provo Juvenile Courts Clerical Counter And Work Area Remodel.	100,000	
Layton Courts 07010 Replace Rooftop Heating And Cooling, Dx Split System, Heater	-	
Vernal Courthouse Customer Service Counter Remodel.	-	
Brigham City Courthouse Customer Service Counter Remodel	-	
Layton Courts Membrane Roof Replacement	275,000	
Brigham City Courts 07461 Site Paving Upgrades	-	
Cedar City Courthouse Security Remodel	75,000	
Cedar City Courthouse Clerical Work Area Remodel	125,000	
West Jordan Courts Courtroom Build Out.	-	
Cedar City Courthouse Awnings For Three Doors.	-	
Cedar City Courthouse Carpet Replacement	-	
Cedar City Courthouse Wood Refinishing	-	
Cedar City Courthouse Break Room Remodel	-	
Layton Courts 07010 Egress Modifications	-	
West Jordan Courts 9510 HVAC Controls Head End	-	
Tooele Courts Complex 09834 Add Separate Water Meter For Irrigation	-	
Ogden Juvenile Courts 05559 Replace Restroom Fixtures	-	
Provo District Courts 6575 Replace Fire Alarm Components	-	
Logan District Court 09475 Masonry And Steel Facade Repairs	-	
Tooele Courts Complex 09834 Install Covered Parking Canopy	-	
Logan Courts Courtroom #5 Bench Reconstruct.	-	
West Jordan Courts 9510 Landscaping Upgrades	-	
Layton Courts 07010 Water Heater Replacement	-	
Ogden Courts 07130 Ogden District Court Evacuation Chairs (Combine)	-	
Provo Juvenile Courts 03882 HVAC Improvements	-	
Ogden Juvenile Courts 05559 Upgrade Interior Lighting	-	
Ogden Juvenile Courts 05559 Lay-In Acoustical Ceiling Removal And Replacement	-	
	-	
		2,514,092
DFCM		
Ogden Regional Center 04916 Exterior Metal Window Upgrades	402,386	
Ogden Regional Center 04916 Parking Structure Repair And Coating	369,829	
UDOT Calvin Rampton Building 01644 Energy Efficiency Project. Upgrade Lighting Co	400,000	
UDOT Calvin Rampton Building 1644 Fire Alarm Monitoring & Control Panel Upgrade	150,574	
Richfield Regional Center 01843 Replace Windows	50,000	
Highland Regional 12174 Replace Roof Under Pavers	-	
Ogden Regional Center 04916 Carpet Replacement 2nd Floor Ogden Regional Center	76,561	
Ogden Regional Center 04916 Restroom ADA Modifications	-	
Calvin Rampton Bldg 1644 electrical Project Power Factoring	52,000	
Clearfield Freeport Center Improvements	850,000	
Clearfield Connector Repair	120,000	
Richfield Regional Center 1843 Sink And Cabinetry Millwork	-	

Richfield Regional Center 1843 Replace Zoned Fire Alarm System	-	
Richfield Regional Center 1843 Total Structural Upgrade	-	
Richfield Regional Center 1843 Replace Secondary Electrical Distribution Network	-	
Governor's Mansion 01655 Replace Fire Alarm System	-	
Governor's Mansion 01655 Reinforce And Shore Up Basement Wall	-	
Governor's Mansion 01655 Master Plan, Irrigation System, Landscaping	-	
Division Of Archives 09636 Seal Parking Lot	-	
Ogden Regional Center 04916 Renovation Flora And Drainage In Flower Beds	-	
Brigham Regional Center 08441 Fire Alarm Systems Upgrade	-	
Surplus Property 08888 Replace Kitchenette Unit Carpet Replacement	-	
Surplus Property 08888 Install Guard Railing Systems	-	
UDOT Calvin Rampton Building 01644 Renovate Irrigation System	-	
UDOT Calvin Rampton Building 01644 Relandscape Area	-	
Provo Regional 05374 Landscape Renovation	-	
DEQ 2 7277 Upgrade Irrigation System & Beds	-	
Brigham Regional Center 08441 Renovate Landscape/Irrigation	-	
Governor's Mansion Misc interior improvements	100,000	
Highland Regional 12174 Replace Chiller	-	
Highland Plaza 12174 Upgrade Fire Panel	-	
Brigham Regional Center (Brigham City Mall) 8441 Security And Access Control Syste	-	
Provo Regional Center 5374 Replace Fire Sprinkler Heads Throughout	-	
Blanding Government Svcs Center 04905 Carpet Replacement	-	
Brigham City Mall 08441 Replace / Add Exit Signs And Egress Lighting	-	
Brigham City Mall 08441 Electric Hot Water Heater Replacement	-	
Highland Plaza 12174 Parking Lot Repairs	-	
Highland Plaza 12174 Upgrade Hvac Controls	-	
Highland Plaza 12174 Replace Fan Powered Boxes	-	
Rampton Complex Parking Lot Reconstruction Phase I	260,000	
Ogden Regional Center 4916 Replace Domestic Water Piping	-	
Brigham Regional Center 08441 Plumbing Fixture Replacements	-	
Moab Regional Center 06629 Replace Locksets And Signage	-	
UDOT Calvin Rampton Building 1644 Re-Key Rampton Complex	-	
	-	2,831,350
	-	
Fairpark		
Discovery Building Fire Alarm Installation	14,700	
Door security upgrades	35,000	
Food Court Reroof	31,000	
North Temple Street Connections	83,100	
Transformer and Switch Gear Upgrade at Maintenance Facility	61,690	
Restroom #25 Fire Alarm Installation	13,964	
Restroom #42 Fire Alarm Installation	11,003	
Lever Actuated Locksets and Adjustable Closers	-	
Discovery Building Electrical Distribution Up-Grade	-	
Midway Paving Project Second Phase	-	
Midway Paving Project 2	-	
Wasatch Building Fire Alarm and Burglar Alarm Installation.	-	
Pioneer Building all Priority Class 2 projects	-	
Discovery Building HVAC Installation.	-	
		250,457
Health		
Cannon Health Bldg 04275 Replace Heating Hot Water Boiler Might Be Funded With	95,000	

Cannon Health Bldg 04275 Heating Supply Piping Upgrades (9/04)	30,000	
Cannon Health Bldg 04275 Fire Rating Compromise Repairs	37,381	
Cannon Health Bldg 04275 Kitchenette Cabinetry And Counter Upgrades (9/04)	38,000	
Cannon Health Bldg 04275 Landscaping, Irrigation System Upgrades	45,000	
Cannon Health Concrete Paving Improvements	-	
Children's Center 05849 Seal Parking Lot.	-	
Cannon Health 04275 Replace Unions In Hot Water Distribution Piping	-	
		245,381
Human Services		
USH Boiler Repairs and Upgrades	-	
DJJS Observation & Assessment Building Roof Project	31,000	
USH Switchgear For Generator At Support Services Building	50,000	
DJJS Training Center Remodel	300,000	
DHSDC- New Ad Building HVAC System Replacement	250,000	
Clearfield Multi Agency	60,000	
USH Seasonal Equipment Shed	110,000	
Mill Creek Youth Center HVAC Controls Upgrade	-	
DHSDC - Evergreen HVAC System Replacement	-	
Moab Christmas Box House Misc Repairs	15,000	
USH Paving	350,000	
Salt Lake Valley Detention Center HVAC System	-	
DHSDC - Oakridge Lodge HVAC System Replacement	-	
Provo Regional Center ORS Remodel	75,000	
USH Heninger Sprinkler System Upgrade	96,000	
USH Excel House/Museum	-	
Wasatch Youth Center Upgrade Fire Alarm System	-	
Decker Lake Youth Center Replace Emergency Generator	-	
Washington County YC HVAC Rooftop Units	-	
Farmington Bay YC Upgrade Emergency Geneator	-	
Farm Bay YC Courtyard Upgrades Drainage/Spr	-	
Exterior Block Seal/Cache Valley/Farm Bay YC	-	
Castle Country YC Enlarge Playground Area	-	
Slate Canyon YC Chiller Replacement	-	
USDC Key Card Access	-	
DHSDC - TLC Building / Development Replace Air Handling Units	-	
DHSDC - Laural Wood HVAC System Replacement	-	
DHSDC - Woodland Lodge HVAC System Replacement	-	
DHSDC - Heather Lodge HVAC System Replacement	-	
DHSDC - TLC Building HVAC System Replacement	-	
DHSDC - Wing A / Med Services HVAC System Replacement	-	
DHSDC - Comp Therapy Building Replace Primary Service Transformer	-	
DHSDC - Rose Cottage Install Unitary Hvac Systems	-	
DHSDC - Auditorium HVAC System Replacement	-	
DHSDC - Sunset Building HVAC System Replacement	-	
DHSDC - Quailrun Lodge HVAC System Replacement	-	
DHSDC - Cottonwood Residential Building HVAC System Replacement	-	
DHSDC - Pleasant View Residential Bldg HVAC System Replacement	-	
DHSDC- HVAC System Replacement	-	
DHSDC - Rose Warehouse Replace HVAC System	-	
DHSDC - Laundry Building Replace Packaged HVAC Units	-	
DHSDC - Laundry Building Furnace Replacement	-	
USDC HVAC Controls	-	
USDC Road Improvements	-	
USDC Cottonwood Upgrades	-	

USDC Oak Ridge Building Upgrades	-	
USDC Pleasant View Building Upgrades	-	
USDC Quailrun Seismic Upgrades	-	
USDC Pineridge Upgrade	-	
USDC Sunset Building Seismic Upgrade	-	
USDC TLC Seismic Upgrade	-	
USDC Water Line Upgrade	-	
Layton Group Home	-	
St. George Group Home	-	
North Ogden G. H.	-	
Sandy Group Home	-	
Sandy Group Home	-	
Spanish Fork Group Home	-	
Spanish Fork Group Home	-	
Spanish Fork Group Home	-	
Vernal DHS Builiding	-	
Slate Canyon Youth Center Boilers Replacement	100,000	
Slate Canyon Youth Center Control Room Upgrade	-	
Castle Country YC Muffin Monster Cement Vault And Bypass Addition.	-	
Dixie Area Detention Muffin Monster Repair	-	
Genesis Youth Center Fire Sprinkler Heads Upgrade	-	
Mill Creek Youth Center Security Gate Replacement	-	
Wasatch YC/Old Courts Building Steps/Handicap Ramp Repair	-	
Farmington Bay YC HVAC Upgrade	-	
Mill Creek Youth Center Sewer Pumps Upgrade And Hookup	-	
Slate Canyon Youth Center Boilers Replacement	-	
Slate Canyon Youth Center Control Room Upgrade	250,000	
Castle Country YC Muffin Monster Cement Vault And Bypass Addition.	-	
Dixie Area Detention Muffin Monster Repair	-	
Genesis Youth Center Fire Sprinkler Heads Upgrade	-	
Mill Creek Youth Center Security Gate Replacement	-	
Wasatch YC/Old Courts Building Steps/Handicap Ramp Repair	100,000	
Farmington Bay YC Hvac Upgrade	-	
Mill Creek Youth Center Sewer Pumps Upgrade And Hookup	-	
USH Paging System	-	
USH Orchard Irrigation Upgrade	-	
USH Slate Canyon Spring Development & Upgrade	-	
USH Cottage Structural Upgrade	-	
USDC Replacement Of Fibre Glass Condensate Return Lines	-	
USDC Replace Upper Window Seals In Phase 1 (Oakridge, Quailrun, And Sunset)	-	
Utah State Hospital Provo Paving Improvements Phase II	160,000	
Various YC Parking Lot Repair/Slurry Seal	125,000	
		2,072,000
	-	
National Guard		
Beaver Armory West Compound Paving Improvements	340,000	
North Hanger Reroof	203,000	
Mt. Pleasant Armory Paving Improvements Phase II	-	
Camp Williams Paving Repair/Maintenance	80,000	
Vernal National Guard 00571 Replacement of Exterior Roll Up Doors	50,000	
Logan Armory 0033 Interior Lighting Upgrade	209,863	
Logan Armory 0033 Site Paving Upgrades	105,401	
Brigham City Armory Roof Repairs	20,000	
Draper Replace the Boilers and Piping	-	

Blanding HVAC Upgrade	-	
Draper Women's Locker Room Update	-	
Draper Men's Locker Room Update	-	
Saint George Mechanical Controls	-	
Orem Perimeter Fencing	-	
Mount Pleasant Fire System Upgrade	-	
AGCWReadiness Center Parking Lot.	-	
AGCW Building 1830 Parking Lot	-	
Spanish Fork Parking Lot.	-	
Price Parking Lot Improvement	-	
Beaver Organizational Parking	-	
American Fork Bullpen Regrade	-	
Saint George Bullpen Lighting	-	
American Fork Loading Ramp	-	
Blanding Loading Ramp	-	
Mount Pleasant Bullpen Lighting	-	
Spanish Fork Structural Analysis	-	
Tooele Kitchen Update	-	
Tooele Training Bay Update	-	
Tooele Supply Room Floor Cover	-	
Tooele Stairwell	-	
Vernal Loading Ramp	-	
West Jordan Jake Garn Door Replacement	-	
West Jordan Jake Garn Xeriscape	-	
West Jordan Jake Garn A/E Design	-	
Agcw Building 1150 Roads And Parking	-	
Mount Pleasant Classroom Areas	-	
Fillmore Loading Ramp	-	
Draper Exterior Door Replacement	-	
Draper Asphalt The Overflow Parking	-	
Draper Resurface The Tennis Court	-	
Draper Replace The HVAC In Kitchen	-	
American Fork Bullpen Lighting	-	
		1,008,264
	-	
Natural Resources		
DNR Price Regional 10796	-	
DNR New Building 01625 VFD Replacement	-	
DNR New Building 01625 Replace Formica Countertops And Sinks In Restrooms	-	
DNR Old Bldg 01625 Standard Carpeting Upgrades Most Areas Are Being Covered Fro	-	
DNR Old Bldg 01625 Repair Concrete Sidewalks	-	
DNR New & Old Buildings 01625	-	
	-	
	-	
	-	
	-	
	-	
Parks & Recreation	-	
BOR Matching Funds Jordanelle SP (Rock Cliff)	-	
Deer Creek Residence Roofing	43,000	
Hyrum SP Main Campground Restroom Replace	-	
Camp Floyd SP Replace Restroom	-	

Fremont SP Replace Maintenance Building	-	
Various Park Paving Repair/Maintenance	-	
	-	
	-	
	-	
	-	
	-	
Wildlife Resources	-	
DNR Replace Office Space/Vernal, Utah	2,495,000	
DWR Mamoth Creek Hatchery Reroof	62,000	
DWR Springville Office Building Reroof	49,000	
DWR Strawberry River Cabin Reroof	20,000	
DWR Whiterock Fish Hatchery Reroof	-	
Mammoth Creek Hatchery - Paving	-	
Misc. Roofing Improvements	-	
Sero Asphalt Paving	-	
FES Hatchery Building	-	
Ogden Bay WMA	-	
Wildlife Resources Lee Kay Ctr. Paving Improvements Phase II	-	
Public Shooting Grounds Phase 1	-	
NRO Asphalt Sealing And New Pavement	-	
Ogden Shooting Center - Design	-	
Ogden Shooting Center - Reconstruction Of Facility	-	
		2,669,000
	-	
Office Of Education		
Board Of Education 03835 Replace Window Gaskets Phase II	120,000	
Utah State Office Of Education 03845 Upgrade Elevators	-	
Office Of Education 08743 Roof Replacement	-	
Office Of Education 08743 Add HVAC To Library Restrooms	25,000	
Judy Ann Buffmire Building ORS 01664 Replace Domestic Water Heater And Install Se	25,418	
Utah State Library 8473 Landscaping Upgrade	45,000	
Judy Ann Buffmire Building ORS 01664 Landscaping Upgrades	35,000	
Taylorsville Deaf Center 08060 Add VFD's	6,000	
Taylorsville Deaf Center 08060 Install Low Level Exit Signs	-	
Taylorsville Deaf Center 08060 Install Refrigeration Safety Systems And Equipment	-	
Office Of Education 08743 Replace Plumbing Fixture Components *ASAP*	-	
Taylorsville Deaf Center 08060 Roof Flashing And Drain Repairs	-	
		256,418
Public Safety		
HVAC System For Firearms Range (Crime Lab)	179,000	
Power Backup System (UPS) For Northern Laboratory	58,423	
Evidence Warehouse Fencing	-	
Evo-Automatic Gate To Keep The Range Secure	16,000	
Evo-Road Shoulder Buildup	-	
Evo-Painting The Range (Road Lines Are Faded)	-	
Secure Trailer Parking	-	
Firearms Range Repair And Conversion (Post)	-	
Officers Driver Training Facility Track Expansion Phase II	100,000	
		353,423

	-	
Tax Commission		
Tax Commission 07418 Replace Bus Duct Switches (11/2004) In Progress FY 11 Turn	15,644	
Tax Commission 07418 Replace Failing Ups System/Increase To 250 Kva With The C	311,132	
Tax Commission 07418 Add VAV Reheat To Processing Area	-	
Tax Commission 07418 Add Domestic Water Isolation Valves To Each Restroom	-	
Tax Commission 07418 Exterior Roof Replacement	-	
Tax Commission 07418 Replace Carpet Throughout The Building	-	
		326,776
UDOT		
Replace Existing Building - Kamas Maintenance Station	-	
Wellsville Maint. Station	1,200,000	
New Detention Basion Regrade Site Colton Maintenance Station	-	
Replace Existing Building - Fairview Canyon Maintenance Station	-	
Addition & Remodel - Snowville Maintenance Station	-	
UDOT Calvin Rampton Building 01644 Energy Efficiency Project. Upgrade Lighting Cor	-	
Calvin Rampton Bldg 1644 Relocate Switchgear To Appropriate Housing That Is Weath	-	
Calvin Rampton Bldg 1644 Re-Key Ramptom Complex	-	
Calvin Rampton Bldg 1644 Fire Alarm Monitoring & Control Panel Upgrade	-	
Orem UDOT 9349 Finish Landscaping Upgrade For Building	-	
Rampton Complex/UDOT Maint. Facility Parking Lot Repair/Reconstruction - Phase I	-	
Calvin Rampton Power Factor	60,000	
		1,260,000
	-	
Veterans Affairs		
Veterans Memorial Cemetary Paving Improvements Phase II	100,000	
Veterans Memorial Cemetary Improvements including fence	20,000	
		120,000
Work Force Services		
Midvale 04749 Upgrade Bathroom Counters And Lavatories: $11,331.5 /Replacement	19,815	
Midvale 04794 Replace Plumbing Fixtures (Combine With The One Above)	45,388	
Vernal 00579 Selective Window Replacement And Interior Carpet Replacement	43,542	
Ogden 4276 Electrical Surge Protection Replacement	22,000	
Metro 05633 Replace Rooftop Packaged HVAC Units	278,204	
Ogden South 04276 Roofing And Flashing Systems Life Cycle Replacement	-	
Metro 05633 Membrane Roof Replacement	-	
Ogden South 04276 Renovate Landscape	-	
Redwood Rd Dws 05632 Carpet Replacement (Partial)	-	
Redwood Rd Dws 05632 Replace Restroom Fixture Flush Valve And Faucet Assemblie	-	
Administration 06579 Fire Alarm System Replacement	-	
Administration 06579 Replace Split Dx Systems	-	
Administration 06579 Cooling Tower Replacement	-	
Midvale 04794 Update Fire Sprinkler Heads	-	
Ogden South 04276 Safety Upgrades To Public Stairway Guardrails And Handrails	-	
Metro 05633 Fire Alarm System Replacement	-	
Vernal 00579 Interior Door And Hardware Upgrades	-	

Clearfield 9077 Landscaping Upgrades	-	
South County 5632 Landscaping Upgrades	-	
Midvale 04794 Landscaping Upgrades	-	
		408,949
TOTAL CAPITAL IMPROVEMENTS	49,398,600	49,398,600
Statewide Programs		
Capital Impr. PM/Audits	2,100,000	
FCA Program	350,000	
HazMat Materials Survey	150,000	
HazMat Emergency Abatement	350,000	
Roofing Emergency Funding	-	
Roofing Seismic Program	-	
Paving Preventative Maint.	100,000	
Paving UCI	250,000	
Roofing Preventative Maint.	300,000	
Unallocated Roofing	-	
Unallocated Paving	-	
Emergency Fund	650,000	
Planning & Design Fund	-	
Land Option Fund	-	
Total Statewide funds	4,250,000	
FY 2012 ALLOCATION BY LEGISLATURE	**53,648,600**	

Utah State Building Board

Gary R. Herbert
Governor

4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3018
Fax (801) 538-3267

MEMORANDUM

To: Utah State Building Board
From: David G. Buxton
Date: April 28, 2011
Subject: Permission to Enter Into Negotiations with Uintah County for Property Trade

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Recommendation:

DFCM recommends the Board give permission for them to enter into negotiations with Uintah County for a portion of the property behind the Utah State Court and Youth Correction complexes in Uintah County in trade for Operation and Maintenance charges from 2005 to 2009.

Background:

Uintah County had increases in operation and maintenance charges from 2005 to 2009 that they were billing for but were not providing the necessary backup to allow for payment; therefore, an accumulation occurred.

Uintah County has had a desire for a number of years to acquire some portion of the property behind the Utah State Court and Youth Correction facilities in their county.

DFCM would like permission to enter into negotiations with Uintah County to do a trade for a portion of property based on fair market value in exchange for the operation and maintenance charges. During this process DFCM will access the amount of property the State desires to retain to building a future building to accommodate the State's needs. DFCM will report back to the Utah State Building Board before taking any action that would bind the State.

DGB:CS:cn

Utah State Building Board

Gary R. Herbert
Governor

4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3018
Fax (801) 538-3267

MEMORANDUM

To:	Utah State Building Board
From:	David G. Buxton
Date:	April 28, 2011
Subject:	Permission to Enter Into Negotiations with Uintah County to Construct a Facility to House Dinosaur Bones

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Recommendation:

DFCM recommends the Board give permission for them to enter into negotiations with Uintah County to construct a building to house the collection dinosaur bones from the Uintah County area.

Background:

DFCM completed construction of the Utah Field House of Natural History State Park Museum in Vernal, Utah in 2004. The original master plan for this site was to include a building addition that would be built by the National Park Service which would house the collection of dinosaur bones from the area. Also as part of the master plan Uintah County had planned construct another addition to the site that would house the Western History Museum. Federal funding for the National Park Service portion did not materialize and was taken off of their federal priority list. The Western History Museum was not relocated.

During the planning, design, and construction of the Utah Field House, DFCM entered into an agreement with Uintah County to allow Natural Resources to utilize the Old Museum Building to house the repository of bones for up to a ten year period of time. This will end in 2012.

There is limited availability of appropriate locations in Uintah County that could house the collection that have the space, controlled temperature and necessary access for movement of the collection.

DFCM would like permission to enter into negotiations with Uintah County to construct a building at the Utah Field House master plan site with County funds that could be paid back to the County through a long term lease. DFCM will report back to the Utah State Building Board before taking any action that would bind the State.

DGB:CS:cn

Utah State Building Board

Gary R. Herbert
Governor

4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3018
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MEMORANDUM

To: Utah State Building Board
From: David G. Buxton
Date: April 19, 2011
Subject: **State Building Energy Efficiency Program Report**

Attached for your review and approval is the SBEEP Annual Report for 2009/2010. The DFCM Energy Department is also schedule to present their report at an upcoming legislative committee as per statute.

DGB: cn
Attachments

STATE OF UTAH

STATE BUILDING ENERGY EFFICIENCY PROGRAM
2009/2010 ANNUAL REPORT

STATE OF UTAH
STATE BUILDING ENERGY EFFICIENCY PROGRAM
SBEEP
ANNUAL REPORT TO THE GOVERNOR AND THE LEGISLATURE
2009/2010

Prepared by
John Harrington
DFCM Energy Director

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SUMMARY

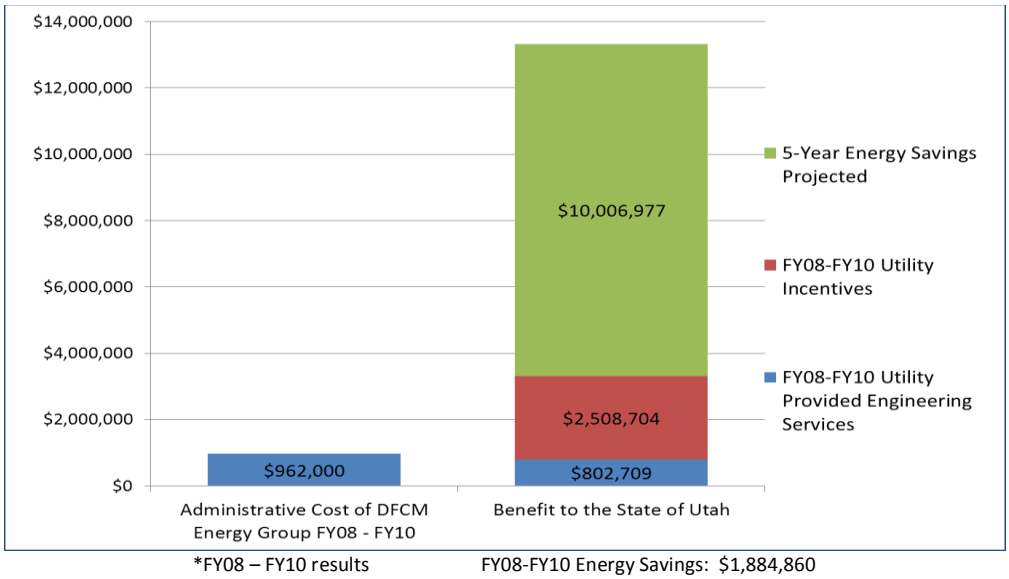
Increasing energy efficiency is an important goal for the State of Utah. The Legislature's commitment to energy conservation as a means of reducing operating costs can be seen in the creation of the State Building Energy Efficiency Program (SBEEP) in the Quality Growth Act of 1999.1 (1 Chapter 24, laws of Utah 1999.) Efforts to increase energy efficiency in response to the directives issued by both the Governor and the Legislature have focused on state-owned buildings. Together, the actions taken by Governor Herbert and the Legislature articulate an understanding that improving energy efficiency can provide long-term economic and environmental benefits to the state.

The State Building Energy Efficiency Program strives to carry out the goal of improving energy efficiency measures and reducing the energy costs for state facilities. The efficiency programs being targeted by the State Building Energy Efficiency Program are:

- High Performance Building Standard for Capital Development Projects
- Commissioning
- Air Infiltration
- Energy Efficiency Incentives Programs for New and Existing Buildings
- Renewable Energy Projects through American Recovery & Reinvestment Act Funding
- State Facility Energy Efficiency Fund
- Lighting retrofits and re-commissioning projects to optimize energy efficiency in existing buildings
- Energy Saving Performance Contracts
- Energy Efficiency Projects through American Recovery & Reinvestment Act Funding
- State Employee Behavior Partnership for Energy Efficiency

From design to operations, the costs incurred by the state in implementing energy efficient measures in state owned buildings will, over time, yield monetary benefits that exceed costs of the project. Additional measures that are of value and included in the portfolio of efficiency measures undertaken by SBEEP, include efforts to educate, train, and make employees aware of the critical role they play in meeting the state's energy efficiency goals. SBEEP is a resource for state facilities to help guide monetarily conscious energy efficiency decision.

SBEEP Costs and Benefits*



*FY08 – FY10 results FY08-FY10 Energy Savings: $1,884,860

BACKGROUND

This report is provided annually in response to policy directives from the Governor's Office and the Legislative Branch that official established improving energy efficiency as a priority policy goal for the State of Utah.

Policy Directives for Energy Efficiency in State Facilities

Directives focusing on energy efficiency in state facilities were created by the Utah State Legislature in amendments made to UCA §63-9-638 and UCA §63-9-679 during the 2006 General Session. With regard to energy efficiency in state facilities, the Legislature declared in UCA §63-9-63 that it is the policy of the state to:

- undertake aggressive programs to reduce energy use in state facilities in order to reduce operating costs of government and to set an example for the public
- utilize alternative funding sources and methods of financing to minimize state appropriations
- employ private sector management incentive principles
- develop incentives to encourage state entities to conserve energy, reduce energy costs, and utilize renewable energy sources where practical
- procure and use energy efficient products

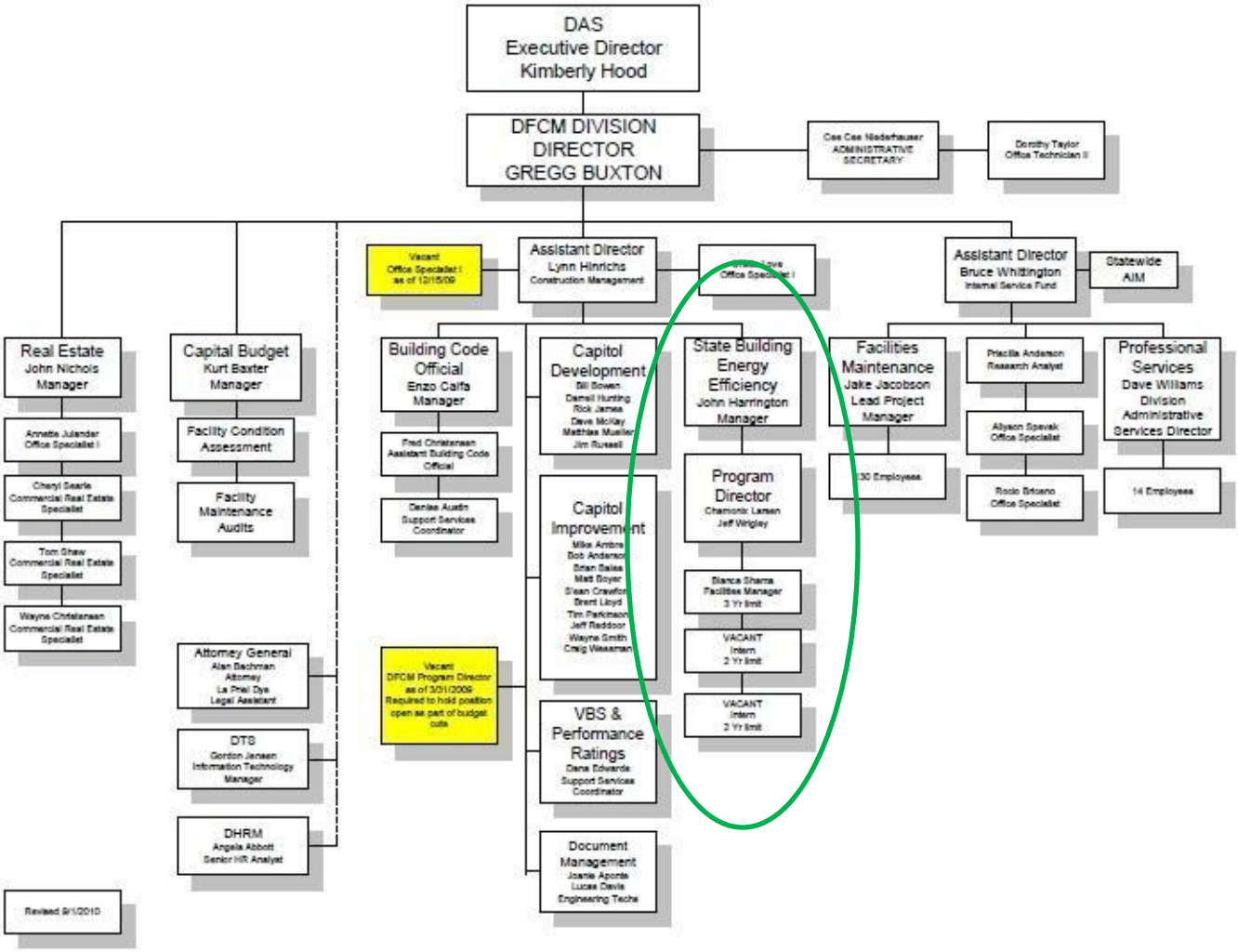
Amendments to UCA §63-9-67(2) in 2006 transferred responsibility over SBEEP to DFCM, and directed the division to:

- develop and administer the state building energy efficiency program, including guidelines and procedures to improve energy efficiency in the maintenance and management of state facilities
- provide information and assistance to state agencies in their efforts to improve energy efficiency
- analyze energy consumption by state agencies to identify opportunities for improved energy efficiency
- establish an advisory group composed of representatives of state agencies to provide information and assistance in the development and implementation of the state building energy efficiency program; and
- submit to the Governor and to the Capital Facilities and Administrative Services Appropriations Subcommittee an annual report that:
    - identifies strategies for long-term improvement in energy efficiency
    - identifies goals for energy conservation for the upcoming year
    - details energy management programs and strategies that were undertaken in the previous year to improve the energy efficiency of state agencies and the energy savings achieved

Finally, the Legislature authorized state agencies to enter into an energy savings agreement for a term of up to 20 years under the provisions of UC 63-9-67(4). However, the state agency may enter into an energy savings agreement only if it agrees to:

- utilize DFCM to oversee the project unless the project is exempt from the division's oversight or the oversight is delegated to the agency
- obtain prior approval of the governor or the governor's designee
- provide the Office of the Legislative Fiscal Analyst with a copy of the proposed agreement before the agency enters into the agreement

State Building Energy Efficiency Staff



Staff Bios:

John Harrington CEM, DFCM Energy Director:

John Harrington has been a State of Utah employee for 5 years and is a Certified Energy Manager. John is the State Building Energy Efficiency Program (SBEEP) Manager and manages all aspects of the SBEEP program including new construction and existing buildings. In 2010 John was the recipient of the Governor's Award for Excellence in Energy and Environment; he is President of the Association of Energy Engineers Utah Chapter and in 2009 was named the AEE National Energy Manager of the Year for Region 5. Prior to working with the State of Utah John worked in the private sector for 34+ years.

Chamonix Larsen LEED AP BD&C, Energy Program Director:

Chamonix Larsen joined DFCM in 2007 as the Energy Program Director for new construction. Major parts of her work with the State include managing renewable energy projects and performance contracts, and overseeing the implementation of the State's High Performance Building Standard, She also works on state initiatives such as State facility energy performance measurement, policy and program research related to energy, integrating utility incentive programs, and participating on the Utah Building Energy Efficiency Strategies (UBEES) team, an entity charged with promoted energy performance measurement, above code programs, workforce development, and education. Within the DFCM, she coordinates training for State construction project managers on topics related to energy and sustainable building. She has also helped in Utah being selected as one of 7 states to participate in the National Governor's Association Policy Academy for Advanced Energy

Strategies for Buildings. Chamonix is a LEED accredited professional and has holds a Master of Architecture Degree from the University of Utah.
Chamonix is affiliated with the Utah Chapter of the U.S. Green Building Council where she serves each on the Board of Directors. She currently serves as the Salt Lake Sustainable Building Conference Organizing Committee Chair. She serves on the Advisory Committee for the Salt Lake Community College Energy Management Program. Chamonix was recognized by Utah Business Magazine as one of 30 Women to Watch 2010.

Jeff Wrigley, Energy Project Manager:
Jeff Wrigley joined the DFCM in 2008 as an Energy Project Manager. He is primarily responsible for managing energy conservation, efficiency and renewable energy projects in state owned facilities. Prior to working for the State of Utah Jeff worked as a Project Manager for a nationally ranked commercial construction firm. He is a licensed journeyman electrician and has commercial construction experience in Utah and Nevada. Jeff completed a Bachelor's Degree in Architectural Studies from the University of Utah and is currently pursuing a degree in Energy Management. Jeff is a member of the Illuminating Engineering Society (IES) and is affiliated with the U.S. Green Building Council (USGBC). In 2010 Jeff started the Utah Energy Manager working group, increasing the collaborative efforts of energy management practices in facilities throughout the State of Utah. He also served on the allocations committee for DOE Energy Efficiency and Conservation Block Grants.

Energy Management Programs and Strategies Undertaken in Previous Years

ENERGY EFFICIENCY IN NEW CONSTRUCTION PROJECTS

High Performance Building Standard for Capital Development Projects

In May of 2009 the Building Board approved changes to the State Building High Performance Energy Standard. This standard applies to major new construction projects with a budget above $2.5 million. The requirements for this standard can be found in section five of the DFCM Design Requirements. Adopted changes to the standard include requirements to obtain LEED Silver Certification, and incorporate enhanced commission activities. LEED is a program developed by the United States Green Building Council (USGBC) and the certification process is reviewed by the Green Building Certification Institute (GBCI). Projects are awarded certification post construction and post commissioning. DFCM capital development projects are in the process of obtaining LEED for New Construction Certification. Using this program has given clarity to the design and construction community as well as State facilities staffs by using nationally accepted standards for calculating building efficiencies. For example, each project is modeled according to the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Energy Standard for Building 90.1 Appendix G to quantify energy cost savings of the proposed project. As a result of this standardization the High Performance Building Program has been applied to more capital development projects than in previous years. The LEED program typically adopts the most recent national energy code into their baseline criteria so newly designed state facilities will continue to improve in energy performance regardless of the locally adopted energy code. Projects must also commit to reporting energy use data for a minimum of five years in the EPA Portfolio Manager database. Reporting is currently a State requirement for all buildings but contributing to this database helps to give meaningful data back to the national design and construction community about how design or construction concepts and methods actually perform. See Appendix A-Table 1 for an overview of the benefits of the new LEED standard. See table 2 on Appendix A for a full list of projects, and their energy savings based on the proposed design. See table 3 for a list of project in progress under the High Performance Building Program.

Policies and Changes to Other Standards for New Buildings

Commissioning

Verifying that a building design has been executed and works properly is the primary goal for the commissioning process. The State engages commissioning entities on most all capital development projects. With the help of utility incentive programs DFCM adds scope to the commissioning process to ensure that energy efficiency measures and associated energy savings are realized. This process includes verification of proper construction and installation of envelope, mechanical and electrical systems, and also the creation of trend logs to illustrate the performance of these systems in action. This added scope promoted DFCM to upgrade their standards and documents that are used to hire commissioning entities.

Envelope Performance Standards and Commissioning

DFCM has undertaken efforts to increase energy efficiency by reducing air infiltration. Many reports suggest that a good building envelope can save as much as 30% in energy use. A pilot program has been created and is under review to provide guidance for design, construction inspection and testing procedures to ensure building envelopes are designed and constructed to a high performance standard. Costs and benefits associated with this process are being evaluated in pilot projects and the standard will reflect the knowledge gained via the outcomes of the projects.

Incentive Programs for New and Existing Facilities

As one of the largest customers to the local utilities, the State participates in utility incentive programs wherever feasible. Major electric and gas utilities offer incentives for efficient new construction and retrofit projects in the form of cash, utility bill credits, and design assistance. Incentives motivate projects to go beyond typical energy codes and increase long-term savings to the State. Since July 2006 the state has received over $4M in utility incentives for energy efficiency projects in addition to any resulting energy savings over time. SBEEP facilitates the process to work with the utilities and take advantage of these programs by coordinating energy analysis, design and implementation of energy saving strategies that qualify for utility incentives.
Utilities fund incentives from fees they charge customers on a monthly basis. The State can recoup some of the cost of their energy service by reclaiming cash or by receiving credits on utility bills.

RENEWABLE ENERGY PROJECTS

Renewable Energy Projects funded through American Recovery and Reinvestment Act

DFCM was awarded ARRA funds to implement renewable energy projects on State facilities. Parameters for size and installation locations were given in ARRA requirement passed on to DFCM from the State Energy Program in the Utah Department of Natural Resources. A grant application was created by SBEEP to identify institutions and facilities interested in developing or implementing renewable energy projects. Projects were selected by committee based on viability, the ability to provide educational outreach on renewable energy technology and ability to leverage funding to create more valuable and effective projects. See Appendix A-table 4 for a list of projects identified to be completed under this funding source.

IMPROVEMENTS IN EXISTING BUILDINGS

Equipment and system upgrades, recommissioning, and conservation measures combine to reduce energy use and avoid unnecessary costs. Funding vehicles for creating projects to improve energy efficiency in existing buildings are energy saving performance contracting, the State Facility Energy Efficiency Fund (revolving loan fund), and grants from the American Recovery and Reinvestment Act (ARRA). See table 5 for a full breakdown of all Improvement projects in existing buildings.

State Facility Energy Efficiency Fund

The State Facility Energy Efficiency Fund (SFEEF) was established in fiscal year 2008 to provide the State Building Energy Efficiency Program with a revolving loan fund from which agencies and institutions can borrow to complete energy efficiency improvement projects. Repayment of the loan is achieved by capturing cost savings from reduced energy use and demand and by capturing utility incentives. Borrowed funds are paid back into the SFEEF so that it can be lent out again. The fund total is $2.15 million. Funding requests must be approved by the SBEEP Manager and the Utah State Building Board.

Ten energy efficiency improvement projects were approved by the Utah State Building Board in fiscal year 2010. These projects are listed, along with their projected costs, energy savings, energy-cost savings and estimated utility incentives in Appendix A-Table 6.

The UDOT Aeronautics Lighting project was approved, designed and completed during FY10. As of June 30, 2010, the nine other projects that were approved by the Building Board during FY10 are in various stages of development. Most of these projects have been impacted by funding provided from the American Recovery and Reinvestment Act (ARRA) and are being expanded in scope to capture greater energy savings. For example, the projects for the Davis, Ogden-Weber and Bridgerland Applied Technology Colleges are expanding through the use of ARRA funding to pursue larger scale recommissioning efforts.

In addition to the 10 SFEEF projects approved by the Building Board in FY10, three FY09 SFEEF projects were active during the last year. The Utah State University HPER Gyms Lighting Retrofit and the Department of Transportation Murray and Wanship Stations Lighting Retrofit projects are under contract and in the course of construction. The Human Services Decker Lake Youth Center Lighting Retrofit project, which was completed in FY09 was in repayment during FY10 with its final payment due on June 30, 2010. Loan payments made during FY10 were based on $4,194 in realized utility cost savings and $16,827 in captured utility incentives.

Energy Saving Performance Contracts

Larger campuses have the potential to bundle energy efficiency projects to maximize their impact without using State funds through Energy Saving Performance Contracts with guaranteed savings from Energy Services Companies (ESCO). An ESCO project uses third party financing; the typical funding source is a tax exempt municipal lease/purchase. Payment to the contractor is made through a guaranteed stream of future energy cost savings. The project is self-funded and does not require state appropriations to proceed. This public-private partnership provides an agency or institution with the following:

- A campus wide energy audit
- Prioritization of energy projects relative to payback and maintenance needs
- An expedited project timeline to receive more immediate energy savings
- Bundled energy projects and cohesive project management
- A funding vehicle for needed infrastructure upgrades

There are previous examples in the State of Utah of significant energy efficiency increases that were achieved by implementing large ESCO projects. These examples include the following facilities:

- University of Utah (Multiple Phases)
- Utah Valley University
- UDC - Draper Prison
- Ogden Regional Center
- Utah National Guard Headquarters

To aid institutions and agencies in the selection of ESCOs, the State Building Energy Efficiency Program oversaw the selection of a pre-qualified list of contractors to provide services in the Energy Performance Contract Program (EPCP). This was facilitated by SBEEP in order for agencies and institutions to be able to reduce their costs and time associated with solicitation and selection. This allowed for better quality control, and ESCO projects were able to be initiated more quickly to expedite receipt of cost savings from energy improvements.

SBEEP is utilizing Energy Savings Performance Contracts with Energy Savings Companies as a means of implementing and financing large comprehensive energy efficiency projects. In addition, utility incentives will be used to help finance ESCO projects. ARRA stimulus funds were offered as an incentive to agencies and institutions willing to explore comprehensive energy efficiency projects at their facilities.

The following projects will be funded in this manner:

- Salt Lake Community College
- Utah Valley University (Phase 3 ESCO)
- Utah National Guard
- Dixie State College

Some agencies and institutions went through campus-wide energy audit with ESCOs and ultimately decided that a performance contract was not the method they wished to pursue. These institutions and agencies, understanding the significant payback to their facilities by increasing efficiency, instead chose to do comprehensive energy efficiency projects at their facilities using other methods for funding. Some examples of

funding that have been used to carry out these projects include: endowment, revolving loan funds, and ARRA funding to complete these projects. The following projects are being executed in this manner:

- Weber State University
- Capitol Complex
- Utah State University
- Southern Utah University

Energy Efficiency Projects Through American Recovery and Reinvestment Act Funding

Funding from the Recovery Act is being used to complement the State Facility Energy Efficiency Fund. $1.5M has been committed to the following institutions and agencies to be used for energy efficiency improvements in existing buildings:

- Utah State University
- Division of Facilities Construction and Management
- Department of Transportation
- Department of Human Services
- Snow College
- College of Eastern Utah
- Utah Colleges of Applied Technology

During FY10 projects were started for the Department of Human Services, the College of Eastern Utah, Snow College and the Utah Colleges of Applied Technology. These projects include in-depth energy audits for five Division of Juvenile Justice facilities, lighting retrofits in four CEU and Snow College buildings, and recommissioning projects at Davis, Ogden-Weber and Bridgerland Applied Technology Colleges. Many more projects were in the process of development during FY10 including lighting retrofits, electrical upgrades and HVAC upgrades.

State Employee Behavior Partnership for Energy Efficiency

Even well managed facilities that employ the most innovative technologies may experience unnecessary energy consumption as a result of building occupant behavior. Simple modifications to daily tasks or habits can lead to large energy savings.

SBEEP participated in launching a program to identify leaders within State Agencies that can understand both office culture and its related energy impact. These leaders are tasked with finding employee behavior changes that will save energy over time.

In the program's pilot year, agencies stepped up and reduced energy consumption by changing their office cultures in terms of energy efficiency. As the program moves forward there is a continued effort from within the agencies to implement ground level changes to eliminate wasted energy. For example, plug loads are being reduced by ridding workplaces of unnecessary equipment and appliances such as superfluous refrigerators.

Goals for Energy Conservation for Upcoming Year

Support the Goals of Energy Efforts throughout the State
The SBEEP serves as a resource and liaison to the various entities throughout the state whose focus is on energy efficiency and energy resources. SBEEP serves as a resource and works at collaborate the efforts of these various groups to maximize the impact of energy efficiency on state buildings by continually being involved in meetings throughout the state that address energy issues.

State Facility Energy Efficiency Fund
The State Facility Energy Efficiency Fund (SFEEF) will continue to be available to agencies that develop viable energy efficiency projects that show energy cost savings. SBEEP will work with the State agencies to identify opportunities for improved energy efficiency and assist them to define scope of work that will maximize on return.

Energy Internship
Salt Lake Community College created a new Energy Management Applied Science Associates degree. SBEEP staff serves on the Program Advisory Committee. DFCM's intention is to support energy management needs within State facilities, as well as the College's program by hiring interns in fiscal year 2011. Interns can assist with energy benchmarking, developing state facility case studies and collecting documentation needed for obtaining utility incentives.

Future ESCO Projects
Additional projects are being identified for Energy Saving Performance Contracts. Some institutions and agencies that were able to enter into initial agreements with Energy Saving Companies (ESCOs) are identifying new creative ways to expand the scope of their original projects. SBEEP is facilitating this process by managing these agreements to ensure agencies choose projects that best address energy payback and maintenance needs for their facilities. As projects are developed SBEEP staff will obtain governor's approval of the defined scope of work prior to moving to contract.

Continued Partnership with Agency Occupants
SBEEP continues to partner with agency staff and leaders throughout the State of Utah to ensure that the daily building occupant behavior is administered in a way that fosters an energy efficient environment. SBEEP continues to work with individuals and groups throughout a multitude of agencies to address energy relevant behaviors that can be modified in ways that will result in a reduction of unnecessary utility usage within agencies and institutions without disrupting occupant work flow.

Continued Assessment of High Performance Building Standard (HPBS)
SBEEP will continue to work with new buildings from the start of design as a resource in implementing the HPBS for the state. The SBEEP staff is also working with new building occupants to ensure that decisions made in the design process are translated into efficient operations once a building is occupied and running. SBEEP is looking into the measurement and verification for new buildings built under this standard.

High Performance Building Standard for Housing Projects
While in commercial applications the HPBS has shown tremendous impact on efficiency, it has not shown itself to be tailored correctly when applied to housing projects such as dormitories attached to a central plant. The staff of SBEEP is working to adapt this standard to best apply to the application of housing on campuses through a series of project specific investigations. The result will be a guide that is specific to this special facility type.

Building Performance Measurement

State agencies are implementing measures to improve energy efficiency. SBEEP, as a program tasked with coordinating statewide building efforts to improve energy efficiency, is working towards methods to support the organizational structure needed for a statewide effort to report and track progress towards further increasing the state's energy efficiency.

American Recovery and Reinvestment Act Funding

All ARRA funding must be expended by April of 2012. The SBEEP has earmarked the $6 million in grant funds that has been allocated for energy efficiency projects and the $4 million in renewable grant money and will continue to roll out these projects in the upcoming year. The goal is to expend 50% of the funds by July of 2011.

Strategies for Long-Term Improvement in Energy Efficiency

Creative Financing

The State Building Energy Efficiency Program (SBEEP) strives to identify all potential sources of funding available for efficiency projects to maximize the impact for savings throughout state buildings. SBEEP continues to collaborate with other state agencies and non-profits to follow any potential sources of funding that might be applicable to state building energy efficiency work.

Construction management of energy projects

SBEEP strives to keep costs of energy projects low for all agencies and institutions by employing DFCM's procurement efficiency and credibility. SBEEP is staffed with knowledge of cost-effective energy project pricing and quality and works to keep the staff educated in all new technologies so that over the long term they are providing the most cost effective solutions to energy efficiency in State owned buildings. SBEEP has a continuous learning process in place.

Integrated approach with DFCM project management to:

- Prioritize energy efficiency in all construction project
- Reduce disruption related to renovations for energy needs
- Learn from facility performance and improve DFCM processes
- Connect with facility management to verify energy saving strategies
- Engage in early stages of design and construction
- Create knowledge base and peer groups that understand how to do energy projects correctly and cost effectively

APPENDIX A
TABLE 1

Benefits of the New Standard

- Increased energy savings
- We have common terms for evaluating "Green Building" by using common standards of measurement. LEED is a program that is recognized by the public both locally and nationally and so it can readily communicate the State's goals. Designers, builders and subs oftentimes have already learned the methods and have invested staff and resources into streamlining these processes, which likely result in decreased overhead costs as no additional training is necessary.
- We gain 3rd party review of documentation of each of the measures in the categories defined by the program, which are sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality, and innovation in design
- Goals are met via performance based criteria and therefore facilitate a measurable outcome as opposed to a prescriptive measure in which savings are not quantified.
- We can utilize tools created by entities working nationally on efforts to enhance building energy performance. LEED is constantly undergoing review on a national basis for improvement with input from hundreds of building professionals. It's most recent revision puts more emphasis on water and energy efficiency surpassing the State's standard.
- Increased first costs will be mitigated by lower operational costs. Studies indicate operational savings are ten times greater than first costs.
- State Buildings will use resources more efficiently
- Buildings will contribute to increased productivity and improved employee health and comfort by providing better work environments.
- The State institute life-cycle cost evaluation methods.

**See http://dfcm.utah.gov/downloads/design_manual/design_requirements.pdf section 5 to review current version of the High Performance Building Rating System.*

TABLE 2

FY2009/2010 High Performance Building Program Projects

Project Name	Total Utility Incentive	Energy Saving (kWh)	Demand Saving (KW)	Energy Savings (therms)	Annual Energy Cost Savings	% Cost Saving Over Code	Utility supplied energy modeling costs	Simple Payback in Years
Utah Museum of Natural History	$41,594	287,420	85	59272	$72,081	23%	$25,000.00	3.4
Unitah Basin Applied Technology Center	$22,724	157703	76	9677	$23,432	-	$18,775.00	10.2
MATC North Utah County Design	N/A	150,632	63	3018	$21,154	24%	n/a	9.5
USTAR--Bio Innovation Research Institute	$124,304	632,858	111	241777	$210,307	37%	$33,508.50	12.9
USU Early Childhood Development	N/A	159,900	78	5360	$21,010	36%	n/a	-
Unified Lab Dept. of Health	$119,279	846693	216	4900	$57,414	21%	$36,624.47	6.9
UU College of Nursing Renovation	$43,843	302,450	151	5553	$69,048	41%	$19,844.00	4.1
Northern Region State Veterans Nursing Home	$21,209	145,625	50	32037	$44,525	38%	$19,239.75	2.5
Multi-Agency State Government Office Building	$111,604	882684	17	code	$53,152	29%	$36,394.26	12.9
USU Vernal Bingham Energy	$42,468	118,930	35	41857	$37,394	34%	$12,974.50	8.3
UU Neuropsych. Institute Expansion	$44,182	337,352	74	3922	$36,878	25%	$17,938.00	3.4
total	**$571,207**	**4,143,477**	**956**	**429717**	**$676,685**	**32%**	**$220,298**	**7.4**

TABLE 3

FY2009/2010 Projects in Progress under the High Performance Building Program

Project Name	Total Utility Incentive	Energy Saving (kWh)	Demand Saving (KW)	Energy Savings (therms)	Annual Energy Cost Savings	% Cost Saving Over Code	Est of energy modeling costs	Simple Payback in Years
UU School of Business Replacement/ Expansion	$20,275	471,941	TBD	TBD	$53,259	27%	$34,194.50	TBD
USTAR - Neuroscience & Biomedical Research Technology Facility	$685,246	4,799,250	TBD	50667	$234,997	22%	$34,850.00	TBD
SUU Gibson Science Center Addition	TBD	TBD	TBD	30000	$22,724	23%	$5,205.00	TBD
USU College of Agriculture/ Ag Science Replacement	$0	TBD	TBD	TBD	TBD	TBD	$0.00	TBD
UU Student Life Center	TBD	TBD	TBD	TBD	TBD	TBD	$25,000.00	TBD
DSC Holland Centennial Commons Building	$0	TBD	TBD	TBD	TBD	TBD	$0.00	TBD
UU L.S. Skaggs Pharmacy Building	TBD	TBD	TBD	TBD	$142,943	23%	$1,855.00	TBD
UVU Health Science Building	TBD	TBD	TBD	TBD	TBD	TBD	$0.00	TBD
OWATC Health Technology Building Addition	TBD	TBD	TBD	TBD	TBD	TBD	$0.00	TBD
SLCC South City CFNM	$28,725	TBD	TBD	TBD	$23,270	TBD	$18,255.00	TBD
SLCC South City CTE	$14,851	111,605	TBD	TBD	$13,207	29%	$21,200.00	TBD
SLCC South City annex	$0	TBD	TBD	TBD	$0	TBD	$0.00	TBD
UU Sorenson Arts and Education Complex	TBD	TBD	TBD	TBD	TBD	TBD	$25,000.00	TBD
UU South campus housing	TBD	TBD	TBD	TBD	TBD	TBD	$15,000.00	TBD
SLCC Instructional Admin building	TBD	TBD	TBD	TBD	TBD	TBD	$25,000.00	TBD

WSU Wasatch Hall Renovation Housing I	$8,094	77,431	TBD	19215	$14,301	25%	$15,000.00	TBD
WSU Housing II	$8,094	TBD	TBD	TBD	TBD	TBD	$15,000.00	TBD
USU Regional Campuses/ Distance Ed	TBD	TBD	TBD	TBD	TBD	TBD	$0.00	TBD
UU Data Center	TBD	TBD	TBD	TBD	TBD	TBD	$15,342.00	TBD
Southern Utah Museum of Art	TBD	TBD	TBD	TBD	TBD	TBD	$25,000.00	TBD
Total Calculated to Date	**$791,791**	**5,460,227**	**0**	**99882**	**$504,701**		**$333,201.50**	

TABLE 4

FY 2009/2010 Renewable Energy Projects	
ATC Davis Solar Array	$261,843
UNG RE Solar Array	$170,000
Unified State Lab Solar Array	$400,000
WSU Shepard Union Building Solar Array	$236,000
SUU Facilities Area Campus Solar Array	$160,000
UVU Facilities Building GSHP -	$150,000
UVU Storage Buildings Solar Array	$150,000
USU College of Agriculture Solar Array	$700,000
WSU Davis Solar Array	$68,000
U of U Main Campus Financed Solar Project	$1,000,000
UDOT Solar Thermal Strawberry Hwy Maintenance Stn.	$40,000
UDOT Station 2425 Solar Array	$33,000
DNR Edge of Cedars Museum Solar Array	$160,000
U of U Rio Mesa Solar Array	$21,900
SLCC Campus Solar Array	$160,000
DSC Covered Parking Solar Array	$160,000
PPA Consulting Services	$100,000

TABLE 5

FY08 Energy Efficiency Projects

Project	Electricity Savings (kWh)	Demand Savings (kW)	Natural Gas Savings (Dth)	Annual Savings ($)	Project Costs ($)	Simple Payback (years)	Utility Incentives ($)	Self Direction Credits ($)	RCx Engineering Study ($)
Efficiency Projects	6,405,252	1363.8	0	377,444	1,754,035	2.1	5,027	968,754	0
Subtotals	**6,405,252**	**1363.8**	**0**	**377,444**	**1,754,035**	**2.1**	**5,027**	**968,754**	**0**

FY08 Recommissioning Projects

Project	Electricity Savings (kWh)	Demand Savings (kW)	Natural Gas Savings (Dth)	Annual Savings ($)	Project Costs ($)	Simple Payback (years)	Utility Incentives ($)	Self Direction Credits ($)	RCx Engineering Study ($)
USU SDL	324,350	7.3	0	9,414	9,990	1.1	0	0	33,000
NG Readiness	267,100	82	0	74,191	9,990	0.1	0	0	33,000
DIX Cox	312,510	21	0	16,902	9,990	0.6	0	0	33,000
DIX McD	113,188		0	5,890	9,990	1.7	0	0	33,000
Tax			0	12,000	9,990	0.8	0	0	33,000
WFS Admin	187,826	11	0	6,908	9,990	1.4	0	0	33,000
UU Bio	173,234	61.4	0	6,733	9,990	1.5	0	0	33,000
UU Eccles	2,107,435	175	0	61,452	9,990	0.2	0	0	33,000
WSU Student	250,200	59	0	30,944	9,990	0.3	0	0	33,000
Cannon	185,314	145.5	0	26,986	9,990	0.4	0	0	33,000
SUU Student	186,059	33	0	9,048	9,990	1.1	0	0	33,000
SUU Sharwan	421,962	116	0	25,532	9,990	0.4	0	0	33,000
SUU Centrum	203,849	54	0	11,657	9,990	0.9	0	0	33,000
Subtotals	**4,733,027**	**765.2**	**0**	**297,657**	**129,870**	**0.4**	**0**	**0**	**429,000**
FY08 Totals	**11,138,279**	**2,129**	**0**	**675,101**	**1,883,905**	**1.3**	**5,027**	**968,754**	**429,000**

FY09 Energy Efficiency Projects

Project	Electricity Savings (kWh)	Demand Savings (kW)	Natural Gas Savings (Dth)	Annual Savings ($)	Project Costs ($)	Simple Payback (years)	Utility Incentives ($)	Self Direction Credits ($)	*RCx Engineering Study ($)
Courts - Ogden Juvenile Occupancy Sensors	104,694	28	--	7,259	19,844	0.8	13,893	0	0
UTNG Draper Complex - Energy Project	346,101	53	900	25,275	263,771	6.9	88,364	0	0
DSC Smith Computer - Lighting	31,725	7.2	--	2,047	9,990	4.9	0	0	0
DSC Eccles Health - Lighting	24,948	4.1	--	1,343	7,769	5.8	0	0	0
DSC Maintenance - Lighting	19,930	3.8	--	1,153	1,875	1.6	0	0	0
SLCC Applied Tech. - Lighting	290,852	63.8	--	19,448	34,561	0.4	0	27,648	0
DJJS Cache Valley – Lighting Control	42,259	--	--	2,112	960	0.5	0	0	0
Schools for Deaf/Blind (Highland) - Lighting	125,573	33.8	--	8,794	36,385	2.4	0	15,714	0
ABC Store # 1- Lighting	23,477	5.3	--	1,490	5,944	2.6	0	2,010	0
ABC Store # 4 - Lighting	5,411	1.6	--	400	2,245	4.1	0	600	0
ABC Store # 35 - Lighting	14,014	3.2	--	971	5,857	5.0	0	1,017	0
DWS Admin Parking Terrace – Time Clocks	54,464	--	--	1,634	3,204	2.0	0	0	0

DWS Midvale - Lighting	33,996	9.7	--	2,486	7,713	1.9	0	3,043	0
CEU Blanding Arts& Events Ctr. - Lighting	29,158	8.5	--	2,178	8,363	3.8	0	0	0
Rio Grande - Lighting	58,544	21.4	--	5,438	18,469	1.7	0	9,235	0
WSU Boiler #3 Economizer	--	--	1,730	14,337	64,000	4.5	0	0	0
DNR - Edge of Cedars Museum Int Lighting	58,023	13.6	--	4,053	28,968	7.1	0	0	0
DJJS - Decker Lake Lighting Retrofit	50,919	14.2	-	3,646	26,261	1.7	0	20,081	0
Subtotals	**1,314,088**	**271**	**2,630**	**104,064**	**546,179**	**3.5**	**102,257**	**79,348**	**0**

FY09 Recommissioning Projects

Project	Electricity Savings (kWh)	Demand Savings (kW)	Natural Gas Savings (Dth)	Annual Savings ($)	Project Costs ($)	Simple Payback (years)	Utility Incentives ($)	Self Direction Credits ($)	*RCx Engineering Study ($)
Tax Commission – RCX	222,900	13.6	800	14,912	8,500	0.6	0	0	33,000
WSU Browning Ctr. - RCX	217,810	29	1,535	21,330	39,448	1.8	0	0	33,000
Subtotals	**440,710**	**43**	**2,335**	**36,242**	**47,948**	**1.3**	**0**	**0**	**66,000**
FY09 Totals	**1,754,798**	**314**	**4,965**	**140,306**	**594,127**	**2.9**	**102,257**	**79,348**	**66,000**

FY10 Energy Efficiency Projects (SFEEF)

Project	Electricity Savings (kWh)	Demand Savings (kW)	Natural Gas Savings (Dth)	Annual Savings ($)	Project Costs ($)	Simple Payback (years)	Utility Incentives ($)	Self Direction Credits ($)	*RCx Engineering Study ($)
USU - HPER Gyms lighting retrofit	194,084	22.9	-	12,281	62,470	5.1	0	0	0
UDOT - Murray & Wanship Lighting	29,764	7.8	-	2,046	7,868	1.8	0	4,272	0
UDOT - Aeronautics Lighting Retrofit	22,523	8.2	-	1,911	12,752	4.8	3,574	0	0
Subtotals	**246,371**	**39**	**0**	**16,238**	**83,090**	**4.6**	**3,574**	**4,272**	**0**

FY10 Recommissioning Projects

Project	Electricity Savings (kWh)	Demand Savings (kW)	Natural Gas Savings (Dth)	Annual Savings ($)	Project Costs ($)	Simple Payback (years)	Utility Incentives ($)	Self Direction Credits ($)	*RCx Engineering Study ($)
UDC - Central Utah Correctional Facility	694,625	77.7	-	32,812	10,570	0.3	0	0	33,000
Subtotals	**694,625**	**78**	**0**	**32,812**	**10,570**	**0.3**	**0**	**0**	**33,000**
FY10 Totals	**940,996**	**117**	**0**	**49,050**	**93,660**	**1.7**	**3,574**	**4,272**	**33,000**

Totals: FY08-FY10	**13,834,073**	**2,559**	**4,965**	**864,457**	**2,571,692**	**1.6**	**110,858**	**1,052,374**	**528,000**

TABLE 6

FY 2009/2010 Projects Approved by the Utah State Building Board

Project	Estimated Cost	Savings (kWh)	Savings (kW)	Savings (DTH)	Savings ($)	Incentives
Ogden Weber ATC - Various Energy Projects	$80,300	273,000	7.1	3,300	$39,700	$38,400
Davis ATC - Various Energy Projects	$11,300	62,000	0	0	$1,650	$8,200
Bridgerland ATC - Various Energy Projects	$80,100	161,700	29.0	750	$16,800	$0
Uintah Basin ATC - Various Energy Projects	$37,800	77,100	1.8	490	$7,500	$0
UDOT Region 4 Lighting	$87,900	152,000	5.8	0	$15,400	$19,900
DHS/DJJS - Various Energy Projects	$366,800	613,000	0.0	3,600	$51,000	$74,600
Capitol Hill - Various Energy Projects	$975,000	TBD	TBD	TBD	$115,000	$175,000
DHS/DJJS - Ogden O & A - Various Energy Projects	$10,000	21,621	6.7	0	$2,377	$1,861
UDOT Southeast Region 4 Lighting	$40,000	69,384	0.0	0	$6,498	$9,923
UDOT Aeronautics - Lighting	$10,000	22,523	8.2	0	$1,911	$3,394
Totals	**$1,699,200**	**1,452,328**	**58.6**	**8140**	**$257,836**	**$331,278**

Utah State Building Board

Gary R. Herbert
Governor

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MEMORANDUM

To Utah State Building Board
From: David G. Buxton
Date: April 18, 2011
Subject: **Proposal of New Rule R23-31. Executive Residence Commission**

Recommendation:

In accordance with the 2011 General Session of the Utah State Legislature, it is recommended that the Building Board approve the new proposed Rule R23-31, entitled Executive Residence Commission to comply with S.B. 203 which amended Sections 67-1-8(3) and 67-1-8.1(8). The Executive Residence Commission met on April 14, 2011 and recommends these rules.
If the Building Board is satisfied with Rule R23-31, the DFCM recommends that a Notice of Proposed New Rule be filed with the Division of Administrative Rules. At such time, if negative comments are not received after publication and the 30-day comment period, the DFCM requests that the Board approve the filing of the effective notices without the need for further Building Board action.

AB:ld
Attachments

R23. Administrative Services, Facilities Construction and Management.
R23-31. Executive Residence Commission.
R23-31-1. Purpose.

The purpose of this rule is to comply with S.B. 203 of the 2011 General Session of the Utah Legislature which amends the provisions of Section 67-1-8.1.

R23-31-2. Authority and Applicability.

This rule is authorized under Section 63A-5-103(1)(e), which directs the Building Board to make rules necessary for the discharge of the duties of the Division of Facilities Construction and Management. This is a new rule to implement S.B. 203 of the 2011 General Session of the Utah Legislature which amends Section 67-1-8.1.

R23-31-3. Definitions.

(1) Except as otherwise stated in this rule, terms used in this rule are defined in Section 67-1-8.1.

(2) In addition:

(a) "Board" means the State Building Board established pursuant to Section 63A-5-101.

(b) "Commission" means the Executive Residence Commission established pursuant to Section 67-1-8.1.

(c) "Executive Residence" includes the:

(i) Thomas Kearns Mansion;

(ii) Carriage House building; and

(iii) Grounds and landscaping surrounding the Thomas Kearns Mansion and the Carriage House building.

(d) "Preservation Zones" are those zones described in Rule 23-31-6.

R23-31-4. Preservation Zones of the Governor's Mansion.

(1) Preservation Zone One: The following applies to Preservation Zone One:

(a) Zone One contains very important character defining features, consisting of all floor, wall and ceiling finishes. All decorative elements and furnishings existing as of May 10, 2011 have been carefully researched and selected to reflect the historic significance of the Executive Residence. Zone One is described in Rule R23-31-6.

(b) Any changes to the decorative elements and furnishings in Zone One will need the review and recommendation of the Commission to the Board. Approval may be given by the State Building Board after considering input from the Commission and the State Historic Preservation Officer.

(c) There must be compelling reasons presented to the Board for changes to the decorative elements and furnishings in Zone One.

(d) Notwithstanding the above, and provided that the Zone One characteristics are not affected, it is recognized that the Residence acts as the temporary home of the First Family. Placement of personal art and memorabilia is encouraged throughout the Residence to personalize the spaces and allow the Residence to provide a home life for the Governor and the Governor's family. The placement of said personal art and memorabilia shall be carefully considered to ensure that character defining features are preserved.

(2) Preservation Zone Two. The following applies to Preservation Zone Two:

(a) The area described in Rule R23-31-6 as Zone Two has been previously altered, but contains some Zone One character defining features, which features shall be considered part of Zone One. Examples of such features are: ceiling plasterwork, woodwork, certain wall locations, fireplaces, windows and window surrounds, original flooring, light fixtures and other character defining features.

(b) Temporary floor coverings, lamps, paint colors, may be altered without going through the Commission; but the Commission shall be made aware of any such alteration request in writing.

(c) Any changes to Zone Two may be done without any review or approval by the Commission or the Board.

R23-31-5. Specific Descriptions of the Preservation Zones for Purposes of this Rule.

The following provides the specific descriptions of the Preservation Zones for purposes of this Rule R23-31:

(1) Mansion Exterior:

(a) All exterior surfaces are considered Preservation Zone One.

(2) Mansion Floor One (Main Level):

(a) All areas on the main level are considered Preservation Zone One.

(3) Mansion Floor Two:

(a) Main stairs and north stair and well area are considered Preservation Zone One.

(b) The private residence area on level two is considered Preservation Zone Two with the following exceptions which are considered Preservation Zone One:

(i) Private Quarters Entry Hall

(A) Permanent fixtures

(B) Wall treatments

(C) Wall sconces

(D) Floor treatments

(ii) Den/Living Room

(A) Birdseye maple

(B) Flooring

(C) Fireplace

(D) Plasterwork

(E) Woodwork

(iii) Dining Room/TV Area

(A) Plaster work

(B) Fireplace

(C) Woodwork

(D) Flooring

(iv) All Bedrooms

(A) Fireplaces where applicable

(B) Permanent fixtures

(C) Wall treatments

(D) Wall sconces

(E) Floor treatments

(4) Mansion Floor Three

(a) All areas on level three are considered Preservation Zone One with the following exceptions which are Preservation Zone Two:

(i) Serving kitchen, pantry and hallway to restrooms

(ii) Private bedroom on level three is considered Preservation Zone Two with the following exceptions which are Preservation Zone One:

(A) Permanent fixtures

(B) Wall treatments

(C) Wall sconces

(D) Floor treatments

(E) Decorative plaster

(F) Woodwork

(5) Mansion Basement Level

(a) All areas on basement level are considered Preservation Zone Two with the following exceptions which are Preservation Zone One:

(i) All wood doors and historic wood partition

(ii) Windows and window surrounds

(6) Carriage House Exterior

(a) All exterior surfaces are considered Preservation Zone One

(7) Carriage House Interior

(a) All interior areas are considered Preservation Zone One with the following exceptions which are Preservation Zone Two:

(i) Executive Security control room and office area

R23-31-6. Provisions of Section 67-1-8.1. Shall Govern.

All provisions of the Section 67-1-8.1, whether or not referred to in this rule, shall govern the Commission and all other agencies, entities and persons as provided for in Section 67-1-8.1.

R23-31-7. Report to the Building Board.

DFCM shall report to the Board about the Commission as needed.

KEY: Governor's mansion, residence commission
Date of Enactment of Last Substantive amendment: 2011
Authorizing and Implemented or Interpreted Law: 63A-5-103(1)(e); 67-1-8.1(3); 67-1-8.1(8)

Utah State Building Board

Gary R. Herbert
Governor

4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3018
Fax (801) 538-3267

MEMORANDUM

To: Utah State Building Board
From: David Gregg Buxton
Date: April 26, 2011
Subject: **Reallocation of Capital Improvement Funds**

Recommendations

DFCM recommends that the Building Board review the request from the DFCM and the National Guard to reallocate capital improvement funds.

Background

During the Allocation process, DFCM and the National Guard were unable to review the improvement list in prior to the last Building Board meeting. The list has now been reconciled and is ready for final approval.

DGB:kfb

Utah State Building Board

Gary R. Herbert
Governor

4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3018
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MEMORANDUM

To: Utah State Building Board
From: David G. Buxton
Date: April 19, 2011
Subject: **Administrative Report for University of Utah and Utah State University**

Attached for your review and approval are the Administrative Reports for University of Utah and Utah State University.

DGB: cn
Attachments

Office of the Vice President
For Administrative Services

April 15, 2011

Mr. Gregg Buxton, Director
Division of Facilities Construction and Management
State Office Building Room 4110
Salt Lake City, UT 84114

Subject: U of U Administrative Reports for May 4th Building Board Meeting.

Dear Gregg:

The following is a summary of the administrative reports for the U of U for the period March 18, 2011 to April 15, 2011. Please include this in the packet for the May 4th Building Board meeting.

Professional Services Agreements (Page 1)
The Professional Services Agreements awarded during this period consist of:
6 Design Agreements, 5 Planning/ Study/Other Agreements.

No significant items.

Construction Contracts (Page 2)
The Construction Contracts awarded during this period consist of:
0 New Space Contracts, 6 Remodeling Contracts, 2 Site Improvement Contracts.

No significant items.

Report of Project Reserve Fund Activity (Page 3)
Increases:
None.

Decreases:
None.

Report of Contingency Reserve Fund (Page 4)
Increases:
None.

Decreases:
Project 20208, HPER Mall Tunnel & HTW
This transfer of $5,410.67 covers one third of the cost of unknown conditions addressed during this period. Consistent with the funding split approved originally by the Building Board, the remaining two thirds of the cost is being funded from University sources.

Project 20034, Health Sciences Library – Fire Alarm & Sprinkler System
This transfer of $54,734 covers the cost of unknown conditions encountered on this project. Most of the work involved with this project occurred above ceilings which could not be accessed during design due to extensive asbestos. Numerous unknown conditions were encountered when the ceilings were removed and the area abated. The majority of this cost is for electrical distribution components that did not meet code.

Associate Vice President Facilities Management
1795 East South Campus Dr, Room 219
V. Randall Turpin University Services Building
Salt Lake City, UT 84112-9404
(801) 581-6510
FAX (801) 581-6081

Representatives from the University of Utah will attend the Building Board meeting to address any questions the Board may have.

Sincerely,

Kenneth E. Nye, Director
Facilities Management Business Services

Enclosures

cc: University of Utah Trustees
Mike Perez
Gregory L. Stauffer

Professional Services Agreements
Awarded From March 18, 2011 to April 15, 2011

Item Number	Project Number	Project Name	Firm Name	Project Budget	Contract Amount
	Design				
1	21142	REMODEL ASB LAB 402	TRACY STOCKING AND ASSOCIATES	$ 19,290.00	$ 19,290.00
2	21144	BIOLOGY BLDG 84 REMODEL LAB 226	TRACY STOCKING AND ASSOCIATES	$ 16,639.00	$ 16,639.00
3	21148	UNIV STUDENT APARTMENTS 2011 ROOFING PROJECT	GSBS PC DBA GSBS ARCHITECTS	$ 226,130.00	$ 17,119.50
4	50154	RELOCATE GROUPS IMPACTED BY MICU BUILDOUT	HHY ASSOC	$ 71,983.00	$ 9,970.00
5	50134	SHARED WAITING ROOM CREATED ON LEVEL 4 BLDG 525	ARCHITECTURAL NEXUS	$ 242,040.00	$ 15,840.00
6	21147	WILLIAMS BUILDING TRAIL TO RED BUTTE	AJC ARCHITECTS INC	$ 99,776.00	$ 13,000.00
	Planning/Study/ Other				
7	21011	BLDG 84,73, & 72 RETRO COMMISSIONING	HORIZON ENGINEERING	$ 86,008.00	$ 86,008.00
8	21011	ON CALL ENGINEERING SUPPORT SERVICES	NOLTE ASSOCIATES	$ 10,000.00	$ 10,000.00
9	21051	THATCHER BLDG WIND ANALYSIS	CERMAK PETERKA PETERSEN	$ 11,996,879.00	$ 15,500.00
10	21109	BICYCLE FACILITY AND SAFETY STUDY	PSOMAS	$ 125,404.99	$ 99,980.00
11	21011	BUILDING 565 RECOMMISIONING	EMC ENGINEERS	$ 7,653.00	$ 7,653.00

Construction Contracts
Awarded From March 18, 2011 to April 15, 2011

Item Number	Project Number	Project Name	Firm Name	Design Firm	Project Budget	Contract Amount
Construction - New Space						
Construction - Remodeling						
1	21011	REPLACE FLOORS HPER E101 & E 109	MOUNTAIN HEIGHTS HARDWOOD FLOOR CO		$ 500,000.00	$ 313,610.00
2	21113	HEARTPORT COMUNICATION DUCT BANK	ALL TECH ELECTRIC INC		$ 122,768.00	$ 80,260.00
3	21011	PMT CHILLER REPLACEMENT	AMERICAN MECHANICAL SYSTEMS		$ 95,000.00	$ 95,000.00
4	21110	MEB ROOM 3385 CEILING REPLACEMENT	AVALON CONSTRUCTION INC		$ 35,000.00	$ 10,819.00
5	20202	CENTER FOR ADVANCED MED TECH - HVAC UPGRADE	EAGLE ENVIRONMENTAL INC		$ 1,989,715.00	$ 154,886.00
6	20242	LIFE SCIENCE BUILDING HOT WATER PIPE REPLACEMENT	EAGLE ENVIRONMENTAL INC		$ 507,270.00	$ 76,590.00
Construction - Site Improvement						
7	21014	PARKING LOT 35 PRESIDENTS CIRLCE RENOVATIONS	MILLER PAVING		$ 50,000.00	$ 36,832.09
8	20246	HTW LINE - MANHOLES 1-6 TO KINGSBURY	KOH MECHANICAL CONTRACTORS		$ 5,739,905.00	$ 1,648,000.00

University Of Utah
Report Of Project Reserve Fund Activity
For the Period of March 18, 2011 to April 15, 2011

PROJECT NUMBER	PROJECT TITLE	TRANSFER AMOUNT	DESCRIPTION FOR CONTINGENCY TRANSFER	% OF CONSTR. BUDGET
	BEGINNING BALANCE	1,095,889.53		
	DECREASES TO PROJECT RESERVE FUND:			
	CURRENT BALANCE OF PROJECT RESERVE:	**1,095,889.53**		

University Of Utah
Report Of Contingency Reserve Fund Activity
For the Period of March 18, 2011 to April 15, 2011

PROJ. NO.	DESCRIPTION	CURRENT TRANSFERS	TOTAL TRANSFERS FROM CONTINGENCY	% OF CONSTR. BUDGET	PROJECT STATUS
	BEGINNING BALANCE	1,707,857.27			
	INCREASES TO CONTINGENCY RESERVE FUND				
	DECREASES TO CONTINGENCY RESERVE FUND				
	NEW CONSTRUCTION				
	REMODELING				
20208	HPER Mall Tunnel & HTW	(5,410.67)	(35,656.67)	7.00%	Construction
20034	Health Science Library - Fire Alarm & Sprinkler Sys	(54,734.00)	(85,353.00)	1.51%	Subst. Complete
	ENDING BALANCE 01-00376-7000-05107	1,647,712.60			

UtahState University
VICE PRESIDENT FOR BUSINESS AND FINANCE

15 April 2011

D. Gregg Buxton, Director
Division of Facilities Construction
and Management
State Office Building Room 4110
PO Box 141160
Salt Lake City, UT 84114-1284

Dear Gregg:

SUBJECT: USU Administrative Reports for the May 2011 Building Board Meeting

The following is a summary of the administrative reports for USU for the period 03/18/11 to 04/15/11:

Professional Contracts, 1 contract issued (Page 1)
Comments are provided on the report.

Construction Contracts, 6 contracts issued (Page 2)
Item 4, CEP Chillers – An amount of $25,997.91 is needed from the Project Reserve Fund to award a contract to A.H. Palmer & Sons for a chilled water upgrade in Old Main and Ray B. West buildings. Additional comments are provided on the report.

Report of Contingency Reserve Fund (Page 3)
The Contingency Reserve Fund decreased by $20,385.97 to fund a change order and miscellaneous contractor support on two projects.

Report of Project Reserve Fund Activity (Page 4)
As referenced above, the CEP Chillers project required funding from the Project Reserve Fund in order to award a construction contract. A total of $25,997.91 was needed.

Current Delegated Projects List (Pages 5-6)
Of USU's 42 projects, 1 is Complete, 9 Substantially Complete, 24 in Construction, 7 in the Design/Study phase, and 1 Pending. Two new projects were added.

Representatives from Utah State University will attend the Building Board meeting to address any questions the Board may have.

Sincerely,

David T. Cowley
Vice President for
Business and Finance

DTC/jm

c: Gregory L. Stauffer

1445 Old Main Hill Logan, UT 84322-1445 Ph: (435) 797-1146 Fax: (435) 797-0710 www.usu.edu/vpbus

UtahState University
VICE PRESIDENT FOR BUSINESS AND FINANCE

Professional Contracts
Awarded From 03/18/11 to 04/15/11

	Contract Name	Firm Name	A/E Budget	Fee Amount	Comments
1	Sant Engineering Clean Room Remodel	CRSA Architects	$37,606.00	$37,606.00	Design services

UtahState University
VICE PRESIDENT FOR BUSINESS AND FINANCE

Construction Contracts
Awarded From 03/18/11 to 04/15/11

	Project	Firm Name	Design Firm	Const Budget	Contract Amt	Comments
1	Rich/Davis Halls Renovation	Spindler Construction	USU Facilities Planning and Design	$700,750.00	$700,741.00	
2	Innovation Campus Demolition/Land Cleanup	Edge Excavation	USU Facilities Planning and Design	$200,400.00	$111,260.00	
3	Innovation Campus Demolition/Land Cleanup	Environmental Abatement	USU Facilities Planning and Design	$100,000.00	$95,145.00	Asbestos abatement
4	CEP Chillers	A.H. Palmer & Sons	Sine Source Engineering	$55,107.09	$81,105.00	Old Main and Ray B. West buildings chilled water upgrade. An amount of $25,997.91 is needed from the Project Reserve Fund to award a contract
5	Medium Voltage Upgrade FY11	USU Facilities	USU Facilities Planning and Design	$442,478.00	$29,932.00	Electrical switch for campus infrastructure
6	Innovation Campus Demolition/Land Cleanup	USU Facilities	USU Facilities Planning and Design	$200,400.00	$12,260.00	Cut/cap utility lines

UtahState University
VICE PRESIDENT FOR BUSINESS AND FINANCE

Report of Contingency Reserve Fund
From 03/18/11 to 04/15/11

Project Title	Current Transfers	Total Transfers To (From) Contingency	% to Construction Budget	Project Status	% Completed (Paid)
BEGINNING BALANCE	**$553,233.93**				
INCREASES TO CONTINGENCY RESERVE FUND					
None					
DECREASES TO CONTINGENCY RESERVE FUND					
CEP Chillers (Change order)	(20,297.97)	(102,910.29)	8.18%	Construction	94%
Water Lab Fume Hood Upgrade (Facilities Contractor support)	(88.00)	(9,434.11)	0.75%	Substantial Completion	98%
ENDING BALANCE	**$532,847.96**				

UtahState University
VICE PRESIDENT FOR BUSINESS AND FINANCE

Report of Project Reserve Fund Activity
From 03/18/11 to 04/15/11

Project Title	Transfer Amount	Description	% of Construction Budget
BEGINNING BALANCE	**$255,445.45**		
INCREASES TO PROJECT RESERVE FUND			
None			
DECREASES TO PROJECT RESERVE FUND			
CEP Chillers	(25,997.91)	Amount needed to award contract	47.18%
ENDING BALANCE	**$229,447.54**		

UtahState University
VICE PRESIDENT FOR BUSINESS AND FINANCE

Current Delegated Projects List
04/15/11

Project Number	Project Name	Phase	Project Budget
CAPITAL DEVELOPMENT/IMPROVEMENT			
A21736	Equine Education Center	Substantial Completion	$3,354,953
A16969	A/C & Controls Upgrade FY08	Substantial Completion	460,995
A16873	Fire Alarm Upgrades FY08	Construction	282,051
A16881	CEP Chillers	Construction	1,540,800
A16971	Planning & Design Fund FY08	Design/Study	100,000
A18972	Planning & Design Fund FY09	Design/Study	100,000
A18973	Health, Life Safety & Code Compliance Projects FY09	Substantial Completion	194,092
A18976	Water Lab Fume Hood Upgrade	Substantial Completion	1,402,081
A18985	Miscellaneous Critical Improvements FY09	Construction	206,800
A20557	Campus-wide Medium Voltage Upgrade FY10	Construction	624,013
A20794	Ray B. West Window Replacement	Substantial Completion	770,724
A20856	Miscellaneous Critical Improvements FY10	Construction	396,247
A20857	Planning & Design Fund FY10	Design/Study	100,000
A20858	Health, Life Safety & Code Compliance Projects FY10	Construction	107,612
A20859	Classroom Upgrades FY10	Construction	298,903
A20860	HPER Office/Classroom Upgrade	Construction	220,282
A20861	Fine Arts Complex Safety Repairs	Construction	431,836
A20864	Business MCC and E-Panel	Construction	100,000
A21088	Utah Botanical Center Wetland Lab ARRA Improvements	Construction	512,771
A20593	Utah Botanical Center Classroom Building	Construction	2,860,656
A22986	Merlin Olsen Monument	Substantial Completion	250,000
A22907	Planning and Design Fund FY11	Design/Study	75,000
A22908	Health, Life Safety & Code Compliance Projects FY11	Construction	100,000
A22909	Classroom Upgrades FY11	Construction	407,151
A22906	Family Life Window Replacement	Construction	677,031
A22910	Fire Protection (Various Buildings) FY11	Construction	573,795

A22911	Sign System FY11	Construction	47,747
A22912	NE Steam Line Phase IV FY11	Substantial Completion	689,671
A22913	Theater Stage Rigging	Substantial Completion	894,238
A22914	Medium Voltage Upgrade FY11	Construction	477,876
A22915	Campus Wide Bike Racks FY11	Construction	47,747
A22917	Miscellaneous Critical Improvements FY11	Construction	153,315
A23116	CPD Playground	Complete	114,455
A23644	HSRC 2nd Floor Remodel	Construction	468,951
A23857	Spectrum Volleyball Locker Room Remodel	Design only	10,000
A24159	Chilled Water Thermal Storage	Construction	2,815,654
A24112	Laub Indoor Turf Replacement	Substantial Completion	251,555
A23999	CEU Life Safety/Signage	Design	333,424
A24472	Innovation Campus Demolition/Land Cleanup	Construction	336,139
A24756	Sant Engineering Clean Room Remodel (NEW PROJECT)	Design	400,000
A24755	Rich/Davis Hall Renovation (NEW PROJECT)	Construction	850,785
PAVING (STATEWIDE)			
A08076	Miscellaneous Paving	Pending	562
TOTAL (42)			$24,039,912

Utah State Building Board

Gary R. Herbert
Governor

4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3018
Fax (801) 538-3267

MEMORANDUM

To: Utah State Building Board
From: David G. Buxton
Date: May 4, 2011
Subject: **Administrative Reports for DFCM**

The following is a summary of the administrative reports for DFCM.

Lease Report (Pages 1 - 2)
No significant items

Architect/Engineering Agreements Awarded, 11 Agreements Issued (Pages 3 - 4)
No significant items

Construction Contracts Awarded, 26 Contracts Issued (Pages 5 - 7)
Item #7, Univ of Utah Eyring Chemistry Bldg. Thatcher Addition
Item #8, Univ of Utah Sorensen Arts/Education Complex
These are CM/GC agreements; the balance of the construction costs will be added by future change orders.

Item #10, Uintah Basin ATC Emergency Intercom System Replacement
Director Buxton waived the need for performance and payment bonds even though the bid was over the $50,000 amount.

Report of Contingency Reserve Fund (Page 8)
Increases
Increases are budgeted contingency from reallocated improvement funds

Decreases, New Construction
USU USTAR Life Science Research Center
This transfer of $834,966 covers change orders #20 – 23. These change orders consist of numerous scope changes for tenant build-out bid package, furnish and install new cold room, add differential pressure monitors to BSL corridor, add hard water line for cooling tower, and furnish and install one fume hood.

Report of Contingency Reserve Fund Continued (Page 8)

Decreases, New Construction Continued

Univ of Utah David Eccles School of Business

This transfer of $172,523 covers the State's share of change order #12. Items included in this change order are a scope change to add smoke evacuation system, omissions to add beams at L7 exterior and reconfigure existing beam, to extend fire line, upgrade projection screens and modify soffit detail, add & re-route drain lines, and revisions to the back of auditorium soffit/light cove.

Univ of Utah USTAR Neuroscience Research Center

This transfer of $135,838 covers the State's share of change orders #25, 26 and 28. These change orders consist of scope changes to add cable trays, modify electrical metering, an error to change stair rail details to comply with code requirements some incorrect fabrication is complete, omissions to add electrical circuiting & j-boxes for laser curtains, add insulation and heat tape to lines above exterior soffits, upgrades to the smoke evacuation system, add light fixture and switching to tunnel connecting to main tunnel, and add offset required in east penthouse.

Decreases, Remodeling

Strawberry Maintenance Station Replacement

This transfer of $56,302 covers change order #4 for scope changes for new IBC code changes to the metal building package, and to remobilize to construct the metal building portion of this project, and an unknown to remove and import new soil to the site

Report of Project Reserve Fund Activity (Page 9)

Increases

The increases reflect savings on projects that were transferred to Project Reserve per statute.

Decreases

Decreases are to award construction contracts that bid over budget.

DGB:DDW:ccn

Attachment

DFCM

Division of Facilities Construction and Management
4110 State Office Building, Salt Lake City, UT 84114
Telephone (801) 538-3018 FAX (801) 538-3267

LEASE REPORT
From 3/14/2011 to 4/12/2011

No	Agency/Location	Services	Space Type	Lease Term	Square Feet Old	Square Feet New	Cost/Sq. Ft. Old	Cost/Sq. Ft. New	Comment
NEW									
1.	Attorney General Administration St. George	Full	Office	10 Yrs.		3,752		$15.15	Move to new location for program needs.
2.	Workforce Services Administration West Valley City	Full	Office	2 Yrs.		80		$ 0.00	New location for program needs, zero-cost lease.
AMENDMENTS									
1.	Medical Education Council, Administration Salt Lake City	Full	Office	5 Yrs.	2,383	2,383	$20.80	$20.80	Renewal, no change in rent.
2.	Natural Resources Water Rights, Cedar City	Full	Office	2 Yrs.	188	180	$ 9.80	$ 9.80	Renewal, no change in rent.
3.	Natural Resources Forestry, Fire and State Lands, Heber City	Partial	Office	5 Yrs.	1,500	3,000	$13.22	$ 8.47	Renewal, increase in space for program needs, reduction in rental rate.

DFCM

Division of Facilities Construction and Management
4110 State Office Building, Salt Lake City, UT 84114
Telephone (801) 538-3018 FAX (801) 538-3267

LEASE REPORT
From 3/14/2011 to 4/12/2011

No	Agency/Location	Services	Space Type	Lease Term	Square Feet Old	Square Feet New	Cost/Sq. Ft. Old	Cost/Sq. Ft. New	Comment
4.	Workforce Services Payson	Full	Office	5 Yrs.	93	93	$ 0.00	$ 0.00	Renewal, zero-cost lease.
5.	Workforce Services Woods Cross	Full	Office	3 Mos.	10,944	10,944	$21.30	$21.30	Short-term renewal, no change in rent.

State of Utah

Division of Facilities and Construction Management

Professional Contracts Awarded

Contract Type = P;Award Date >= 03/17/2011; and less than 04/14/2011

#	Agency	Contract Name	Firm	Type	Budget	Award
	Design					AiM
1	Courts	Matheson Court Tile Replacement Four Floors	Mhtn Architects Inc	Design	$31,000	$31,500
2	Weber State University	Wsu Dee Event Center Parking Improvements	Project Engineering Consultants	Design	$38,819	$29,580
	Programming/Master Planning					AiM
3	Utah Valley University	Uvu Wellness Center & Parking Structure	Mhtn Architects Inc	Programming	$315,000	$293,260
4	Snow College	Snow College Student Housing Performance Specification Documentation	Hart Fisher Smith & Associates	Programming	$14,000	$14,265
	Miscellaneous Services					AiM
5	Utah State University	Utah State University regional Campuses Distance Education Building commissioning	E-cube, Inc.	Commissioning	$100,000	$71,000
6	University Of Utah	University Of Utah eccles Business School Replacement/expansion building Envelope Testing Services	Professional Service Industrie	Insp Observ Ser	$10,000	$9,570
7	University Of Utah	University Of Utah beverley Taylor Sorenson Arts/education Complex geotechnical Study	Gordon Spilker Huber Geotech Cons Inc	Geotechnical	$10,000	$9,100
8	Weber State University	Weber State University promontory Tower - Hazmat Survey/assessment	R&r Environmental	Haz Mat Consult	$14,000	$13,600
9	University Of Utah	University Of Utah university Neuropsychiatric Institute Expansion	Professional Service Industrie	Insp Observ Ser	$10,000	$9,570

State of Utah

Division of Facilities and Construction Management

Professional Contracts Awarded

Contract Type = P;Award Date >= 03/17/2011; and less than 04/14/2011

#	Agency	Contract Name	Firm	Type	Budget	Award
	Miscellaneous Services					AiM
		building Envelope Testing Services				
10	Weber State University	Weber State University new Residential Life Building 3 - Commissioning	Utah New Vision Construction Llc	Commissioning	$24,000	$23,975
11	Weber State University	Weber State University new Residential Life Building 2 - Commissioning	Utah New Vision Construction Llc	Commissioning	$211,000	$93,300

State of Utah

Division of Facilities and Construction Management

Construction Contracts Awarded

Contract Type = C;Award Date >= 03/17/2011; and less than 04/14/2011

#	Agency	Contract Name	Firm	Type	Budget	Award
	Construction					
1	Div Of Homeland Security	Camp Will Water Damage Fema Bldg	Utah Correctional Industries	Const Remodel	$51,000	$51,000
2	Weber State University	Weber State University swenson Building - Solar Thermal System	Harris Dudley Plumbing Co	Const Remodel	$220,000	$220,000
3	Weber State University	Wsu Stewart Stadium Track Replacement	Beynon Sports Surfaces Inc	Const Remodel	$900,000	$479,200
4	Corrections - Ap&p	Corections Ap&p Kitchen Equipment	Restaurant & Store Equipment	Const Remodel	$75,225	$64,850
5	Dnr - Parks & Recreation	Division Of Parks And Recreation starvation State Park - Water Line Replacement	Landmark Companies Inc	Const Site Imp	$40,000	$39,000
6	Weber State University	Wsu Miller Admin Bldg South Stairway Replacement	Broderick & Henderson Construction Lc	Const Remodel	$202,105	$127,350
7	University Of Utah	University Of Utah eyring Chemistry Building thatcher Addition Cm/gc	Okland Construction Company, Inc.	Const New Space	$14,603,527	$30,000
8	University Of Utah	University Of Utah beverley Taylor Sorensen Arts/education Complex cm/gc	Okland Construction Company, Inc.	Const New Space	$24,486,996	$41,750
9	Dfcm - Managed Buildings	Department Of Environmental Quality north And South Buildings remodeling For Varous Agencies	Mountain States Fence Company	Const Site Imp	$17,000	$16,294
10	Uintah Basin Atc	Utah College Of Applied Technology uintah Basin Atc	Peerless Electric Llc	Const Remodel	$60,000	$54,874

State of Utah

Division of Facilities and Construction Management

Construction Contracts Awarded

Contract Type = C;Award Date >= 03/17/2011; and less than 04/14/2011

#	Agency	Contract Name	Firm	Type	Budget	Award
	Construction					AIM
		emergency Intercom System Replacement				
11	Dfcm - Managed Buildings	Dhs Call Center Remodel	Burningham Painting	Const Remodel	$11,000	$10,430
12	Weber State University	Wsu Stewart Stadium Field Renovation	Hellas Construction Inc	Const Remodel	$930,000	$927,900
	Miscellaneous Construction					AIM
13	Utah Valley University	Utah Valley University culinary Arts Facility Chiller Replacement And New Facilities Bldg East Electrical Loop Installation Arra Esco Phase Iii S9ee	Chevron Energy Solutions Company	Unclass Const	$306,000	$305,823
14	Natural Resources	Dnr Lone Peak Facility Asphalt Paving Improvements	Kilgore Paving & Maintenance	Paving	$171,500	$139,124
15	Courts	Matheson Courthouse Concrete Replacement/repairs	Entelen Design - Build	Paving	$246,000	$245,190
16	Weber State University	Wsu Dee Event Center Parking Rehabilitation	Consolidated Paving & Concrete	Paving	$742,000	$783,000
17	Snow College	Snow College family Life Building - Lighting Retrofit	Custom Electrical Service Llc	Unclass Const	$13,000	$9,395
18	Ogden/weber Atc	Ow Atc Concrete Paving Improvements	Preferred Paving	Paving	$210,000	$97,785
19	Dept Of Transportation	Udot Moab Maintenance Bldg Reroof	Perkes Roofing Inc	Roofing	$59,453	$44,252
20	Dfcm -	Highland Reg Plaza Deck Roof Replacement	Clarks Quality Roofing Inc	Roofing	$87,916	$74,580

State of Utah

Division of Facilities and Construction Management

Construction Contracts Awarded

Contract Type = C;Award Date >= 03/17/2011; and less than 04/14/2011

#	Agency	Contract Name	Firm	Type	Budget	Award
	Miscellaneous Construction					AIM
	Managed Buildings					
21	Developmental Center	Developmental Center Paving Improvements	Sumsion Construction	Paving	$100,000	$67,983
22	Natural Resources	Dnr Admin Bldg Hvac System Renovation Door Hardware Upgrade	Slider Construction Inc	Mechanical	$80,000	$77,788
23	State Hospital	Ush Various Paving Improvements	Preferred Paving	Paving	$41,000	$16,685
24	Salt Lake Comm College	Salt Lake Community College - South City Campus gym, Swimming Pool, Associated Areas hazmat Abatement	Rocmont Industrial Corp	Haz Mat Const	$50,000	$48,291
25	State Hospital	State Hospital Concrete Replacement Rampton Ii Courtyard	Mike Chilids Concrete Inc	Paving	$46,000	$42,817
26	Utah State University	Usu Utah Water Research Lab Lower Reroof & Seismic	Contract West Roofing Inc	Roofing	$600,000	$584,100

DFCM

Division of Construction and Management
4110 State Office Building Salt Lake City, UT 84144
Telephone (801) 538-3018 Fax (801) 538-3267

May-11

REPORT OF CONTINGENCY RESERVE FUND

	PROJECT TITLE		GENERAL STATE FUNDS CURRENT TRANSFERS	TRANSPORTATION FUNDS CURRENT TRANSFERS	TOTAL TRANSFERS FROM CONTINGENCY	% TO CONSTR. BUDGET	PROJECT STATUS	% Complete
	BEGINNING BALANCE		12,073,957.74	7,415.55				
	INCREASES TO CONTINGENCY RESERVE FUND							
	FUNDING							
11047	Corrections	Draper - Uinta 1-4 Surveillance Equipment	28,177.00	-	-	0.00%	Pending	0%
11051	Corrections	Draper - Timpanogos Boiler Replacement	27,543.00	-	-	0.00%	Pending	0%
11048	Corrections	Draper - South Point Transformers	10,122.00	-	-	0.00%	Pending	0%
	DECREASES TO CONTINGENCY RESERVE FUND							
	NEW CONSTRUCTION							
06292	USTAR	USU Life Science Research Center	(834,966.00)	-	2,096,410.00	3.49%	Construction	83%
06272	UOFU	David Eccles School Of Business	(172,522.75)	-	271,158.84	0.40%	Construction	23%
06291	USTAR	UU Neuroscience Research Center	(135,837.68)	-	2,612,486.83	1.62%	Construction	57%
02243	U OF U	Museum Of Natural History	(62,482.54)	-	504,441.96	0.56%	Construction	65%
09242	National Guard	Fillmore National Guard Armory Remodel	(52,857.23)	-	88,925.23	10.74%	Construction	87%
09219	National Guard	Richfield National Guard Armory Upgrades	(32,912.10)	-	159,332.39	12.13%	Construction	87%
07042	Health	Unified Lab Facility	(11,760.00)	-	553,802.24	1.70%	Construction	81%
09226	National Guard	Brigham City Armory Remodel	(2,672.24)	-	105,913.52	9.63%	Construction	90%
	REMODELING							
09218	UDOT	Strawberry Maintenance Station Replacement	(56,302.00)	-	167,686.21	7.88%	Construction	79%
09239	SUU	Boiler #1 Replacement	(15,391.00)	-	15,391.00	1.48%	Construction	86%
09254	DEQ	Buildings Tenant Improvements for Various Agencies	(7,607.92)	-	102,239.38	4.73%	Construction	83%
09037	SLCC	Rrc Irrigation System Upgrade	(345.00)	-	345.00	0.07%	Construction	70%
	TOTAL		10,754,143.28	7,415.55				

DFCM

Division of Construction and Management
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REPORT OF PROJECT RESERVE FUNDS ACTIVITY

Apr-11

PROJECT TITLE	STATE FUNDS	DOT FUNDS	DESCRIPTION	% of Constr. Budget
BEGINNING BALANCE	5,053,157.85	968,481.36		
INCREASES TO PROJECT RESERVE FUND:				
Courts - New St George Courthouse	113,614.57		Balance of IT & Inspection Budgets	0.35%
Corrections - CUCF Boiler & ATC Controls Upgrade	48,911.53		Balance of Various Project Budgets	5.04%
Corrections - CUCF Mechanical Upgrades	10,552.00		Balance of Various Project Budgets	3.41%
SUU - Various Buildings Fire Sprinkler Piping/Alarm	2,919.00		Balance of Various Project Budgets	1.28%
Courts - Provo Replace Chiller/Boiler Controls	1,977.00		Balance of Design & Inspection Budgets	1.14%
DECREASES TO PROJECT RESERVE FUND:				
SLCC - RRC Irrigation System Upgrade	(21,740.00)		To Award Construction Contract	4.38%
Corrections - CUCF Plant Maintenance Air Handler	(7,265.00)		To Award Construction Contract	1.19%
ENDING BALANCE	5,202,126.95	968,481.36		